Air Handler #61 - AHU-61 - Summary Loads

Rm No	Description Room Peak Time	Area People Volume	Htg.Loss Htg.CFM CFM/Sqft	Sen.Gain Clg.CFM CFM/Sqft	Lat.Gain S.Exh W.Exh	Htg.O.A. Req.CFM Act.CFM	Clg.O.A. Req.CFM Act.CFM
	P6- 11 Secretaria De	1,481	2,155	78,734	10,800	5/P	5/P, 0.06/ft²
61	Las Tecnologias	54	270	4,286	0	270	359
	5pm February	11,700	0.18	2.89	0	270	359
	Runout duct size: 6 in. dia. Diffusers: 35, CFM/runout: 122, Velocity: 623.7 ft/min, Pressure drop: 0.233 in.wg./100ft						
	Room Peak Totals:	1,481	2,155	78,734	10,800		
	Total Rooms: 1	54	270	4,286	0	270	359
	Unique Rooms: 1	11,700	0.18	2.89	0	270	359
	Main trunk duct size: 28 in. h x 28in. w, Velocity: 787.2 ft/min, Pressure drop: 0.035 in.wg./100ft						

Air Handler #61 - AHU-61 - Total Load Summary

Air Handler Description:	AHU-61 Constant Volume - Sum of Peaks
Supply Air Fan:	Draw-Thru with program estimated horsepower of 0.52 HP
Fan Input:	65% motor and fan efficiency with 0.5 in. water across the fan
Sensible Heat Ratio:	0.89

--- This system occurs 1 time(s) in the building. ---

Air System Peak Time:	5pm in November.
Outdoor Conditions:	Clg: 87° DB, 75° WB, 119.96 grains, Htg: 0° DB
Indoor Conditions:	Clg: 75° DB, 55% RH, Htg: 0° DB

Summer: Ventilation controls outside air, ------ Winter: Ventilation controls outside air.

Room Space sensible loss:	2,155 Btuh		
Infiltration sensible loss:	0 Btuh	0 CFM	
Outside Air sensible loss:	0 Btuh	270 CFM	
Supply Duct sensible loss:	0 Btuh		
Return Duct sensible loss:	0 Btuh		
Return Plenum sensible loss:	0 Btuh		
Total System sensible loss:			2,155 Btuh
Heating Supply Air: 2,155 / (.942 X 1.08 X 8) =		270 CFM	
Winter Vent Outside Air (100.0% of supply) =		270 CFM	
Room space sensible gain:	73,250 Btuh		
Infiltration sensible gain:	0 Btuh		
Draw-thru fan sensible gain:	1,240 Btuh		
Supply duct sensible gain:	0 Btuh		
Reserve sensible gain:	1,315 Btuh		
Total sensible gain on supply side of coil:			75,806 Btuh
Cooling Supply Air: 79,966 / (.942 X 1.1 X 18) =		4,286 CFM	
Summer Vent Outside Air (8.4% of supply) =		359 CFM	
Return duct sensible gain:	0 Btuh		
Return plenum sensible gain:	0 Btuh		
Outside air sensible gain:	4,464 Btuh	359 CFM	
Blow-thru fan sensible gain:	0 Btuh		
Total sensible gain on return side of coil:			4,464 Btuh
Total sensible gain on air handling system:			80,270 Btuh
Room space latent gain:	9,720 Btuh		
Infiltration latent gain:	0 Btuh		
Outside air latent gain:	10,157 Btuh		
Total latent gain on air handling system:			19,877 Btuh
Total system sensible and latent gain:			100,147 Btuh

Check Figures

Total Air Handler Supply Air (based on a 18° TD):	4,286	CFM
Total Air Handler Vent. Air (8.37% of Supply):	359	CFM
Total Conditioned Air Space:	1,481	Sq.ft
Supply Air Per Unit Area:	2.8938	CFM/Sq.ft
Area Per Cooling Capacity:	177.5	Sq.ft/Ton
Cooling Capacity Per Area:	0.0056	Tons/Sq.ft
Heating Capacity Per Area:	1.45	Btuh/Sq.ft
Total Heating Required With Outside Air:	2,155	Btuh
Total Cooling Required With Outside Air:	8.35	Tons

Air Handler #62 - AHU-62 - Summary Loads

Rm No	Description Room Peak Time	Area People Volume	Htg.Loss Htg.CFM CFM/Sqft	Sen.Gain Clg.CFM CFM/Sqft	Lat.Gain S.Exh W.Exh	Htg.O.A. Req.CFM Act.CFM	Clg.O.A. Req.CFM Act.CFM
62	P6- 12 Secretaria	121	0	11,876	600	5/P	5/P, 0.06/ft²
	5pm January	3	0	685	0	15	22
		956	0.00	5.66	0	0	22
Runout duct size: 6 in. dia. Diffusers: 6, CFM/runout: 114, Velocity: 581.6 ft/min, Pressure drop: 0.203 in.wg./100ft							
	Room Peak Totals:	121	0	11,876	600		
	Total Rooms: 1	3	0	685	0	15	22
	Unique Rooms: 1	956	0.00	5.66	0	15	22
Main trunk duct size: 13 in. h x 10in. w, Velocity: 758.5 ft/min, Pressure drop: 0.104 in.wg./100ft							

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Air Handler #62 - AHU-62 - Total Load Summary

Air Handler Description: AHU-62 Constant Volume - Sum of Peaks
Supply Air Fan: Draw-Thru with program estimated horsepower of 0.08 HP
Fan Input: 65% motor and fan efficiency with 0.5 in. water across the fan
Sensible Heat Ratio: 0.96
--- This system occurs 1 time(s) in the building. ---

Air System Peak Time: 5pm in January.
Outdoor Conditions: Clg: 89° DB, 72° WB, 94.95 grains, Htg: 0° DB
Indoor Conditions: Clg: 75° DB, 55% RH, Htg: 0° DB

Summer: Ventilation controls outside air, ------ Winter: Ventilation controls outside air.

Room Space sensible loss:	0 Btuh		
Infiltration sensible loss:	0 Btuh	0 CFM	
Outside Air sensible loss:	0 Btuh	15 CFM	
Supply Duct sensible loss:	0 Btuh		
Return Duct sensible loss:	0 Btuh		
Return Plenum sensible loss:	0 Btuh		
Total System sensible loss:			0 Btuh
Heating Supply Air: 0 / (.942 X 1.08 X 0) =		0 CFM	
Winter Vent Outside Air (0.0% of supply) =		15 CFM	
Room space sensible gain:	11,802 Btuh		
Infiltration sensible gain:	0 Btuh		
Draw-thru fan sensible gain:	198 Btuh		
Supply duct sensible gain:	0 Btuh		
Reserve sensible gain:	66 Btuh		
Total sensible gain on supply side of coil:			12,067 Btuh
Cooling Supply Air: 12,067 / (.942 X 1.1 X 17) =		685 CFM	
Summer Vent Outside Air (3.3% of supply) =		22 CFM	
Return duct sensible gain:	0 Btuh		
Return plenum sensible gain:	0 Btuh		
Outside air sensible gain:	323 Btuh	22 CFM	
Blow-thru fan sensible gain:	0 Btuh		
Total sensible gain on return side of coil:			323 Btuh
Total sensible gain on air handling system:			12,390 Btuh
Room space latent gain:	540 Btuh		
Infiltration latent gain:	0 Btuh		
Outside air latent gain:	319 Btuh		
Total latent gain on air handling system:			859 Btuh
Total system sensible and latent gain:			13,249 Btuh

Check Figures

Total Air Handler Supply Air (based on a 17° TD):	685	CFM
Total Air Handler Vent. Air (3.25% of Supply):	22	CFM
Total Conditioned Air Space:	121	Sq.ft
Supply Air Per Unit Area:	5.6589	CFM/Sq.ft
Area Per Cooling Capacity:	109.6	Sq.ft/Ton
Cooling Capacity Per Area:	0.0091	Tons/Sq.ft
Heating Capacity Per Area:	0.00	Btuh/Sq.ft
Total Heating Required With Outside Air:	0	Btuh
Total Cooling Required With Outside Air:	1.10	Tons

676

Air Handler #63 - AHU-63 - Summary Loads

Rm No	Description Room Peak Time	Area People Volume	Htg.Loss Htg.CFM CFM/Sqft	Sen.Gain Clg.CFM CFM/Sqft	Lat.Gain S.Exh W.Exh	Htg.O.A. Req.CFM Act.CFM	Clg.O.A. Req.CFM Act.CFM
63	P7- 1 Recepcion	103	1,905	3,875	200	5/P	5/P, 0.06/ft²
	6pm June	1	20	224	0	5	11
		814	0.19	2.17	0	5	11
Runout duct size: 6 in. dia, Diffusers: 2, CFM/runout: 112, Velocity: 569.4 ft/min, Pressure drop: 0.195 in.wg./100ft							
	Room Peak Totals:	103	1,905	3,875	200		
	Total Rooms: 1	1	20	224	0	5	11
	Unique Rooms: 1	814	0.19	2.17	0	5	11

Main trunk duct size: 6 in. h x 6in. w, Velocity: 892.5 ft/min, Pressure drop: 0.324 in.wg./100ft

677

Air Handler #63 - AHU-63 - Total Load Summary

Air Handler Description:	AHU-63 Constant Volume - Sum of Peaks
Supply Air Fan:	Draw-Thru with program estimated horsepower of 0.03 HP
Fan Input:	65% motor and fan efficiency with 0.5 in. water across the fan
Sensible Heat Ratio:	0.96

--- This system occurs 1 time(s) in the building. ---

Air System Peak Time:	5pm in June.
Outdoor Conditions:	Clg: 85° DB, 75° WB, 120.97 grains, Htg: 0° DB
Indoor Conditions:	Clg: 75° DB, 55% RH, Htg: 0° DB

Summer: Ventilation controls outside air, ------ Winter: Ventilation controls outside air.

Room Space sensible loss:	1,905 Btuh		
Infiltration sensible loss:	0 Btuh	0 CFM	
Outside Air sensible loss:	0 Btuh	5 CFM	
Supply Duct sensible loss:	0 Btuh		
Return Duct sensible loss:	0 Btuh		
Return Plenum sensible loss:	0 Btuh		
Total System sensible loss:			1,905 Btuh
Heating Supply Air: 1,905 / (.942 X 1.08 X 95) =		20 CFM	
Winter Vent Outside Air (25.4% of supply) =		5 CFM	
Room space sensible gain:	3,820 Btuh		
Infiltration sensible gain:	0 Btuh		
Draw-thru fan sensible gain:	65 Btuh		
Supply duct sensible gain:	0 Btuh		
Reserve sensible gain:	17 Btuh		
Total sensible gain on supply side of coil:			3,902 Btuh
Cooling Supply Air: 3,932 / (.942 X 1.1 X 17) =		223 CFM	
Summer Vent Outside Air (5.0% of supply) =		11 CFM	
Return duct sensible gain:	0 Btuh		
Return plenum sensible gain:	0 Btuh		
Outside air sensible gain:	116 Btuh	11 CFM	
Blow-thru fan sensible gain:	0 Btuh		
Total sensible gain on return side of coil:			116 Btuh
Total sensible gain on air handling system:			4,018 Btuh
Room space latent gain:	180 Btuh		
Infiltration latent gain:	0 Btuh		
Outside air latent gain:	340 Btuh		
Total latent gain on air handling system:			520 Btuh
Total system sensible and latent gain:			4,538 Btuh

Check Figures

Total Air Handler Supply Air (based on a 17° TD):	223	CFM
Total Air Handler Vent. Air (5.01% of Supply):	11	CFM
Total Conditioned Air Space:	103	Sq.ft
Supply Air Per Unit Area:	2.1663	CFM/Sq.ft
Area Per Cooling Capacity:	272.4	Sq.ft/Ton
Cooling Capacity Per Area:	0.0037	Tons/Sq.ft
Heating Capacity Per Area:	18.50	Btuh/Sq.ft
Total Heating Required With Outside Air:	1,905	Btuh
Total Cooling Required With Outside Air:	0.38	Tons

673

Air Handler #64 - AHU-64 - Summary Loads

Rm No	Description Room Peak Time	Area People Volume	Htg.Loss Htg.CFM CFM/Sqft	Sen.Gain Clg.CFM CFM/Sqft	Lat.Gain S.Exh W.Exh	Htg.O.A. Req.CFM Act.CFM	Clg.O.A. Req.CFM Act.CFM
64	P7- 2 Secretaria	93	0	9,974	600	5/P	5/P, 0.06/ft²
	6pm February	3	0	575	0	15	21
		735	0.00	6.19	0	0	21
Runout duct size: 6 in. dia, Diffusers: 5, CFM/runout: 115, Velocity: 586.1 ft/min, Pressure drop: 0.206 in.wg./100ft							
	Room Peak Totals:	93	0	9,974	600		
	Total Rooms: 1	3	0	575	0	15	21
	Unique Rooms: 1	735	0.00	6.19	0	15	21
Main trunk duct size: 12 in. h x 10in. w, Velocity: 690.0 ft/min, Pressure drop: 0.090 in.wg./100ft							

679

Air Handler #64 - AHU-64 - Total Load Summary

Air Handler Description: AHU-64 Constant Volume - Sum of Peaks
Supply Air Fan: Draw-Thru with program estimated horsepower of 0.07 HP
Fan Input: 65% motor and fan efficiency with 0.5 in. water across the fan
Sensible Heat Ratio: 0.95

--- This system occurs 1 time(s) in the building. ---

Air System Peak Time: 6pm in February.
Outdoor Conditions: Clg: 89° DB, 71° WB, 91.48 grains, Htg: 0° DB
Indoor Conditions: Clg: 75° DB, 55% RH, Htg: 0° DB

Summer: Ventilation controls outside air, ------ Winter: Ventilation controls outside air.

Room Space sensible loss:	0 Btuh		
Infiltration sensible loss:	0 Btuh	0 CFM	
Outside Air sensible loss:	0 Btuh	15 CFM	
Supply Duct sensible loss:	0 Btuh		
Return Duct sensible loss:	0 Btuh		
Return Plenum sensible loss:	0 Btuh		
Total System sensible loss:			0 Btuh
Heating Supply Air: 0 / (.942 X 1.08 X 0) =		0 CFM	
Winter Vent Outside Air (0.0% of supply) =		15 CFM	
Room space sensible gain:	9,900 Btuh		
Infiltration sensible gain:	0 Btuh		
Draw-thru fan sensible gain:	166 Btuh		
Supply duct sensible gain:	0 Btuh		
Reserve sensible gain:	66 Btuh		
Total sensible gain on supply side of coil:			10,133 Btuh
Cooling Supply Air: 10,133 / (.942 X 1.1 X 17) =		575 CFM	
Summer Vent Outside Air (3.6% of supply) =		21 CFM	
Return duct sensible gain:	0 Btuh		
Return plenum sensible gain:	0 Btuh		
Outside air sensible gain:	277 Btuh	21 CFM	
Blow-thru fan sensible gain:	0 Btuh		
Total sensible gain on return side of coil:			277 Btuh
Total sensible gain on air handling system:			10,410 Btuh
Room space latent gain:	540 Btuh		
Infiltration latent gain:	0 Btuh		
Outside air latent gain:	217 Btuh		
Total latent gain on air handling system:			757 Btuh
Total system sensible and latent gain:			11,168 Btuh

Check Figures

Total Air Handler Supply Air (based on a 17° TD):	575	CFM
Total Air Handler Vent. Air (3.58% of Supply):	21	CFM
Total Conditioned Air Space:	93	Sq.ft
Supply Air Per Unit Area:	6.1826	CFM/Sq.ft
Area Per Cooling Capacity:	99.9	Sq.ft/Ton
Cooling Capacity Per Area:	0.0100	Tons/Sq.ft
Heating Capacity Per Area:	0.00	Btuh/Sq.ft
Total Heating Required With Outside Air:	0	Btuh
Total Cooling Required With Outside Air:	0.93	Tons

Air Handler #65 - AHU-65 - Summary Loads

Rm No	Description Room Peak Time	Area People Volume	Htg.Loss Htg.CFM CFM/Sqft	Sen.Gain Clg.CFM CFM/Sqft	Lat.Gain S.Exh W.Exh	Htg.O.A. Req.CFM Act.CFM	Clg.O.A. Req.CFM Act.CFM
	P7- 3 Secretaria	312	4,203	13,937	600	5/P	5/P, 0.06/ft²
65	Juridica	3	43	804	0	15	34
	6pm February	2.465	0.14	2.58	0	15	34
Runout duct size: 6 in. dia, Diffusers: 7, CFM/runout: 115, Velocity: 585.1 ft/min, Pressure drop: 0.205 in.wg./100ft							
	Room Peak Totals:	312	4,203	13,937	600		
	Total Rooms: 1	3	43	804	0	15	34
	Unique Rooms: 1	2,465	0.14	2.58	0	15	34

Main trunk duct size: 15 in. h x 10in. w, Velocity: 771.5 ft/min, Pressure drop: 0.099 in.wg./100ft

681

Air Handler #65 - AHU-65 - Total Load Summary

Air Handler Description:	AHU-65 Constant Volume - Sum of Peaks
Supply Air Fan:	Draw-Thru with program estimated horsepower of 0.10 HP
Fan Input:	65% motor and fan efficiency with 0.5 in. water across the fan
Sensible Heat Ratio:	0.96

--- This system occurs 1 time(s) in the building. ---

Air System Peak Time:	6pm in February.
Outdoor Conditions:	Clg: 89° DB, 71° WB, 91.48 grains, Htg: 0° DB
Indoor Conditions:	Clg: 75° DB, 55% RH, Htg: 0° DB

Summer: Ventilation controls outside air. ------ Winter: Ventilation controls outside air.

Room Space sensible loss:	4,203 Btuh		
Infiltration sensible loss:	0 Btuh	0 CFM	
Outside Air sensible loss:	0 Btuh	15 CFM	
Supply Duct sensible loss:	0 Btuh		
Return Duct sensible loss:	0 Btuh		
Return Plenum sensible loss:	0 Btuh		
Total System sensible loss:			4,203 Btuh
Heating Supply Air: 4,203 / (.942 X 1.08 X 95) =		43 CFM	
Winter Vent Outside Air (34.5% of supply) =		15 CFM	
Room space sensible gain:	13,864 Btuh		
Infiltration sensible gain:	0 Btuh		
Draw-thru fan sensible gain:	233 Btuh		
Supply duct sensible gain:	0 Btuh		
Reserve sensible gain:	67 Btuh		
Total sensible gain on supply side of coil:			14,163 Btuh
Cooling Supply Air: 14,163 / (.942 X 1.1 X 17) =		804 CFM	
Summer Vent Outside Air (4.2% of supply) =		34 CFM	
Return duct sensible gain:	0 Btuh		
Return plenum sensible gain:	0 Btuh		
Outside air sensible gain:	454 Btuh	34 CFM	
Blow-thru fan sensible gain:	0 Btuh		
Total sensible gain on return side of coil:			454 Btuh
Total sensible gain on air handling system:			14,618 Btuh
Room space latent gain:	540 Btuh		
Infiltration latent gain:	0 Btuh		
Outside air latent gain:	356 Btuh		
Total latent gain on air handling system:			896 Btuh
Total system sensible and latent gain:			15,514 Btuh

Check Figures

Total Air Handler Supply Air (based on a 17° TD):	804 CFM
Total Air Handler Vent. Air (4.20% of Supply):	34 CFM
Total Conditioned Air Space:	312 Sq.ft
Supply Air Per Unit Area:	2.5759 CFM/Sq.ft
Area Per Cooling Capacity:	241.3 Sq.ft/Ton
Cooling Capacity Per Area:	0.0041 Tons/Sq.ft
Heating Capacity Per Area:	13.47 Btuh/Sq.ft
Total Heating Required With Outside Air:	4,203 Btuh
Total Cooling Required With Outside Air:	1.29 Tons

682

Air Handler #66 - AHU-66 - Summary Loads

Rm No	Description Room Peak Time	Area People Volume	Htg.Loss Htg.CFM CFM/Sqft	Sen.Gain Clg.CFM CFM/Sqft	Lat.Gain S.Exh W.Exh	Htg.O.A. Req.CFM Act.CFM	Clg.O.A. Req.CFM Act.CFM
	P7- 4 Secretaria De	392	8,128	21,306	2,000	5/P	5/P, 0.06/ft²
66	Contratacion	10	84	1,160	0	50	74
	6pm February	3,097	0.21	2.96	0	50	74
Runout duct size: 6 in. dia, Diffusers: 10, CFM/runout: 116, Velocity: 590.7 ft/min, Pressure drop: 0.210 in.wg./100ft							
	Room Peak Totals:	392	8,128	21,306	2,000		
	Total Rooms: 1	10	84	1,160	0	50	74
	Unique Rooms: 1	3,097	0.21	2.96	0	50	74

Main trunk duct size: 17 in. h x 12in. w, Velocity: 818.4 ft/min, Pressure drop: 0.091 in.wg./100ft

684

Air Handler #66 - AHU-66 - Total Load Summary

Air Handler Description:	AHU-66 Constant Volume - Sum of Peaks
Supply Air Fan:	Draw-Thru with program estimated horsepower of 0.14 HP
Fan Input:	65% motor and fan efficiency with 0.5 in. water across the fan
Sensible Heat Ratio:	0.92

--- This system occurs 1 time(s) in the building. ---

Air System Peak Time:	6pm in February.
Outdoor Conditions:	Clg: 89° DB, 71° WB, 91.48 grains, Htg: 0° DB
Indoor Conditions:	Clg: 75° DB, 55% RH, Htg: 0° DB

Summer: Ventilation controls outside air, ------ Winter: Ventilation controls outside air.

Room Space sensible loss:	8,128	Btuh		
Infiltration sensible loss:	0	Btuh	0	CFM
Outside Air sensible loss:	0	Btuh	50	CFM
Supply Duct sensible loss:	0	Btuh		
Return Duct sensible loss:	0	Btuh		
Return Plenum sensible loss:	0	Btuh		
Total System sensible loss:				8,128 Btuh
Heating Supply Air: 8,128 / (.942 X 1.08 X 95) =			84	CFM
Winter Vent Outside Air (59.5% of supply) =			50	CFM
Room space sensible gain:	21,061	Btuh		
Infiltration sensible gain:	0	Btuh		
Draw-thru fan sensible gain:	336	Btuh		
Supply duct sensible gain:	0	Btuh		
Reserve sensible gain:	237	Btuh		
Total sensible gain on supply side of coil:				21,634 Btuh
Cooling Supply Air: 21,634 / (.942 X 1.1 X 18) =			1,159	CFM
Summer Vent Outside Air (6.3% of supply) =			74	CFM
Return duct sensible gain:	0	Btuh		
Return plenum sensible gain:	0	Btuh		
Outside air sensible gain:	991	Btuh	74	CFM
Blow-thru fan sensible gain:	0	Btuh		
Total sensible gain on return side of coil:				991 Btuh
Total sensible gain on air handling system:				22,624 Btuh
Room space latent gain:	1,800	Btuh		
Infiltration latent gain:	0	Btuh		
Outside air latent gain:	776	Btuh		
Total latent gain on air handling system:				2,576 Btuh
Total system sensible and latent gain:				25,201 Btuh

Check Figures

Total Air Handler Supply Air (based on a 18° TD):	1,159	CFM
Total Air Handler Vent. Air (6.34% of Supply):	74	CFM
Total Conditioned Air Space:	392	Sq.ft
Supply Air Per Unit Area:	2.9577	CFM/Sq.ft
Area Per Cooling Capacity:	186.7	Sq.ft/Ton
Cooling Capacity Per Area:	0.0054	Tons/Sq.ft
Heating Capacity Per Area:	20.73	Btuh/Sq.ft
Total Heating Required With Outside Air:	8,128	Btuh
Total Cooling Required With Outside Air:	2.10	Tons

CH4

Air Handler #67 - AHU-67 - Summary Loads

Rm No	Description Room Peak Time	Area People Volume	Htg.Loss Htg.CFM CFM/Sqft	Sen.Gain Clg.CFM CFM/Sqft	Lat.Gain S.Exh W.Exh	Htg.O.A. Req.CFM Act.CFM	Clg.O.A. Req.CFM Act.CFM
67	P7- 5 Secretaria	90	2,261	9,939	600	5/P	5/P, 0.06/ft²
	6pm February	3	23	573	0	15	20
		711	0.26	6.37	0	15	20
Runout duct size: 6 in. dia, Diffusers: 5, CFM/runout: 115, Velocity: 584.1 ft/min, Pressure drop: 0.205 in.wg./100ft							
	Room Peak Totals:	90	2,261	9,939	600		
	Total Rooms: 1	3	23	573	0	15	20
	Unique Rooms: 1	711	0.26	6.37	0	15	20

Main trunk duct size: 12 in. h x 10in. w, Velocity: 687.6 ft/min, Pressure drop: 0.090 in.wg./100ft

685

Air Handler #67 - AHU-67 - Total Load Summary

Air Handler Description:	AHU-67 Constant Volume - Sum of Peaks
Supply Air Fan:	Draw-Thru with program estimated horsepower of 0.07 HP
Fan Input:	65% motor and fan efficiency with 0.5 in. water across the fan
Sensible Heat Ratio:	0.95

--- This system occurs 1 time(s) in the building. ---

Air System Peak Time:	6pm in February.
Outdoor Conditions:	Clg: 89° DB, 71° WB, 91.48 grains, Htg: 0° DB
Indoor Conditions:	Clg: 75° DB, 55% RH, Htg: 0° DB

Summer: Ventilation controls outside air, ------ Winter: Ventilation controls outside air.

Room Space sensible loss:	2,261 Btuh		
Infiltration sensible loss:	0 Btuh	0 CFM	
Outside Air sensible loss:	0 Btuh	15 CFM	
Supply Duct sensible loss:	0 Btuh		
Return Duct sensible loss:	0 Btuh		
Return Plenum sensible loss:	0 Btuh		
Total System sensible loss:			2,261 Btuh
Heating Supply Air: 2,261 / (.942 X 1.08 X 95) =		23 CFM	
Winter Vent Outside Air (64.1% of supply) =		15 CFM	
Room space sensible gain:	9,865 Btuh		
Infiltration sensible gain:	0 Btuh		
Draw-thru fan sensible gain:	166 Btuh		
Supply duct sensible gain:	0 Btuh		
Reserve sensible gain:	66 Btuh		
Total sensible gain on supply side of coil:			10,097 Btuh
Cooling Supply Air: 10,097 / (.942 X 1.1 X 17) =		573 CFM	
Summer Vent Outside Air (3.6% of supply) =		20 CFM	
Return duct sensible gain:	0 Btuh		
Return plenum sensible gain:	0 Btuh		
Outside air sensible gain:	275 Btuh	20 CFM	
Blow-thru fan sensible gain:	0 Btuh		
Total sensible gain on return side of coil:			275 Btuh
Total sensible gain on air handling system:			10,372 Btuh
Room space latent gain:	540 Btuh		
Infiltration latent gain:	0 Btuh		
Outside air latent gain:	215 Btuh		
Total latent gain on air handling system:			755 Btuh
Total system sensible and latent gain:			11,128 Btuh

Check Figures

Total Air Handler Supply Air (based on a 17° TD):	573	CFM
Total Air Handler Vent. Air (3.56% of Supply):	20	CFM
Total Conditioned Air Space:	90	Sq.ft
Supply Air Per Unit Area:	6.3662	CFM/Sq.ft
Area Per Cooling Capacity:	97.1	Sq.ft/Ton
Cooling Capacity Per Area:	0.0103	Tons/Sq.ft
Heating Capacity Per Area:	25.12	Btuh/Sq.ft
Total Heating Required With Outside Air:	2,261	Btuh
Total Cooling Required With Outside Air:	0.93	Tons

686

Air Handler #68 - AHU-68 - Summary Loads

Rm No	Description Room Peak Time	Area People Volume	Htg.Loss Htg.CFM CFM/Sqft	Sen.Gain Clg.CFM CFM/Sqft	Lat.Gain S.Exh W.Exh	Htg.O.A. Req.CFM Act.CFM	Clg.O.A. Req.CFM Act.CFM
68	P7- 6 Sala Multiple	1,492	15,807	96,373	10,500	5/P	5/P, 0.06/ft²
	5pm February	100	500	5,246	0	500	590
		11,787	0.34	3.52	0	500	590
Runout duct size: 6 in. dia, Diffusers: 42, CFM/runout: 125, Velocity: 636.2 ft/min, Pressure drop: 0.243 in.wg./100ft							
	Room Peak Totals:	1,492	15,807	96,373	10,500		
	Total Rooms: 1	100	500	5,246	0	500	590
	Unique Rooms: 1	11,787	0.34	3.52	0	500	590
Main trunk duct size: 30 in. h x 30in. w, Velocity: 839.4 ft/min, Pressure drop: 0.037 in.wg./100ft							

Air Handler #68 - AHU-68 - Total Load Summary

Air Handler Description:	AHU-68 Constant Volume - Sum of Peaks
Supply Air Fan:	Draw-Thru with program estimated horsepower of 0.63 HP
Fan Input:	65% motor and fan efficiency with 0.5 in. water across the fan
Sensible Heat Ratio:	0.91

--- This system occurs 1 time(s) in the building. ---

Air System Peak Time:	5pm in September.
Outdoor Conditions:	Clg: 88° DB, 75° WB, 116.88 grains, Htg: 0° DB
Indoor Conditions:	Clg: 75° DB, 55% RH, Htg: 0° DB

Summer: Ventilation controls outside air. ------ Winter: Ventilation controls outside air.

Room Space sensible loss:	15,807	Btuh		
Infiltration sensible loss:	0	Btuh	0	CFM
Outside Air sensible loss:	0	Btuh	500	CFM
Supply Duct sensible loss:	0	Btuh		
Return Duct sensible loss:	0	Btuh		
Return Plenum sensible loss:	0	Btuh		
Total System sensible loss:				15,807 Btuh
Heating Supply Air: 15,807 / (.942 X 1.08 X 31) =			500	CFM
Winter Vent Outside Air (100.0% of supply) =			500	CFM
Room space sensible gain:	87,680	Btuh		
Infiltration sensible gain:	0	Btuh		
Draw-thru fan sensible gain:	1,518	Btuh		
Supply duct sensible gain:	0	Btuh		
Reserve sensible gain:	2,442	Btuh		
Total sensible gain on supply side of coil:				91,640 Btuh
Cooling Supply Air: 97,883 / (.942 X 1.1 X 18) =			5,246	CFM
Summer Vent Outside Air (11.2% of supply) =			590	CFM
Return duct sensible gain:	0	Btuh		
Return plenum sensible gain:	0	Btuh		
Outside air sensible gain:	7,944	Btuh	590	CFM
Blow-thru fan sensible gain:	0	Btuh		
Total sensible gain on return side of coil:				7,944 Btuh
Total sensible gain on air handling system:				99,584 Btuh
Room space latent gain:	9,450	Btuh		
Infiltration latent gain:	0	Btuh		
Outside air latent gain:	16,068	Btuh		
Total latent gain on air handling system:				25,518 Btuh
Total system sensible and latent gain:				125,102 Btuh

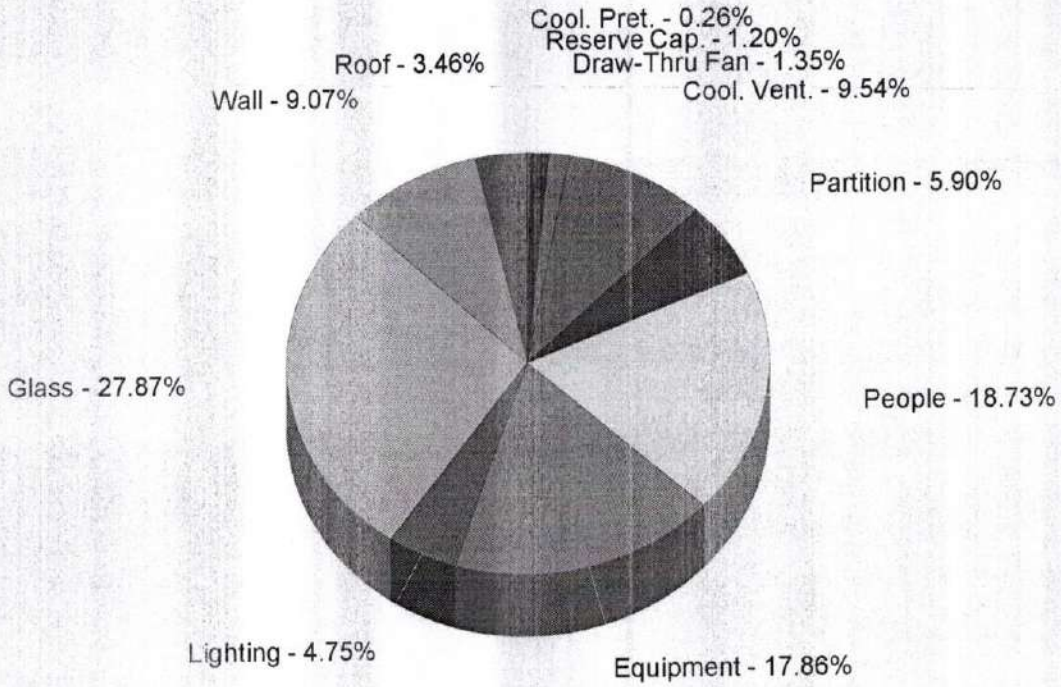
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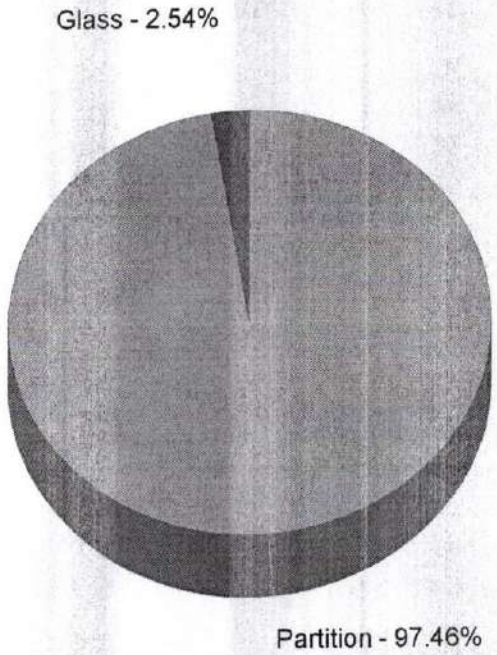
Total Air Handler Supply Air (based on a 18° TD):	5,246	CFM
Total Air Handler Vent. Air (11.24% of Supply):	590	CFM
Total Conditioned Air Space:	1,492	Sq.ft
Supply Air Per Unit Area:	3.5161	CFM/Sq.ft
Area Per Cooling Capacity:	143.1	Sq.ft/Ton
Cooling Capacity Per Area:	0.0070	Tons/Sq.ft
Heating Capacity Per Area:	10.59	Btuh/Sq.ft
Total Heating Required With Outside Air:	15,807	Btuh
Total Cooling Required With Outside Air:	10.43	Tons

688

Building Pie Charts

Building peaks in February at 5pm.





Project	
Name	ALCALDIA DE ACACIAS
Location	ACACIAS META
Altitude	3179'
Air	
Use actual instead of design static pressure (Component, Duct)	No, No
Hydronic	
Use actual instead of design head loss (Component, Pipe)	Yes, Yes
Steam	
Use actual instead of design pressure drop (Component, Pipe)	No, No
Motor default cycles	60 Hz
Large motor minimum size	0.75 hp
Motor default voltage/phase (Large, Small)	460v/3ph, 120v/1ph
Equipment motor default voltage/phase	
Energy recovery, air-to-air	120v/1ph
Fan coil	120v/1ph
Heat pump, fluid-to-air	208v/1ph
Indoor unit, VRF	208v/1ph
Terminal unit, single duct, electric coil	277v/1ph
Terminal unit, fan powered, no electric coil	277v/1ph
Terminal unit, fan powered, electric coil	277v/1ph
Terminal unit, fan powered, DOA	277v/1ph
Unit heater	120v/1ph

Scenario 1	Winter Heating
Air	
Outside air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	64.4°F, 61.9°F, 87.8%, 29.3 Btu/lb

Scenario 2	Summer Cooling
Air	
Outside air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	88.2°F, 71.7°F, 46.6%, 37.7 Btu/lb

Chiller, Air-Cooled	
CH-1	
Type, Location, Classification	Modular, (Blank), New Equipment
Fluid type, Volume	Water, 500 gal
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Maximum kW, Total MCA	0 kW, 0 amp
Maximum unit efficiency	0 kW/ton
Efficiency rating (EER)	0
Voltage/phase (Motor, Selection)	208v/3ph, 460v/3ph
Control circuit voltage/phase	120v/1ph
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Refrigerant	R-410A
Free cooling	
Capacity	0 tons
Entering fluid temperature	55°F
Outside air temperature	35°F

Scenario 1	Winter Heating
Scenario data not shown because the load is 0.	

Scenario 2	Summer Cooling
Evaporator load (System, Portion, Component)	1648100 Btu/h, 28%, 461500 Btu/h 137.3 tons, 38.5 tons
Temperature (Entering, Change, Leaving)	54°F, -10°F, 44°F
Flow	92 gpm
Thermodynamic factor	501.4 Btu·mygal·°F
Component total head loss	20 ft
Component (Design, Actual)	29 ft, 0 ft
Balancing valve	0 ft
Control valve	0 ft
Other	0 ft
Ambient air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	88.2°F, 71.7°F, 46.6%, 37.7 Btu/lb

Load summary

P1-2 MANTEMINIENTO (Fan Coil)	9000 Btu/h
P1-3 SERVICION GENERALES (Fan Coil)	9000 Btu/h
P1-4 DISPONIBLE (Fan Coil)	9000 Btu/h
P2- 1 ARCHIVO GENERAL (Fan Coil)	24000 Btu/h
P2- 2 MODULOS DE TRABAJO (Fan Coil)	7500 Btu/h
P2- 2 SECRETARIA (Fan Coil)	11300 Btu/h
P2- 3 ENFERMERIA (Fan Coil)	7500 Btu/h
P2-4 SALA AMIGA (Fan Coil)	9000 Btu/h
P2-5 OFICINA SINDICATO (Fan Coil)	9000 Btu/h
P2-6A ATENCION AL USUARIO (Fan Coil)	31900 Btu/h
P2-6B ATENCION AL USUARIO (Fan Coil)	31900 Btu/h
P3- 12 SECRETARIA (Fan Coil)	12000 Btu/h
P3- 1A DESPACHO DEL ALCALDE (Fan Coil)	15000 Btu/h
P3- 1B DESPACHO DEL ALCALDE (Fan Coil)	15000 Btu/h
P3- 7 OFICINA (Fan Coil)	12000 Btu/h
P3-11 SECRETARIA SOCIAL (Fan Coil)	18000 Btu/h
P3-13 SALA DE REUNION (Fan Coil)	7500 Btu/h
P3-14A SECRETARIA SOCIAL (Fan Coil)	31400 Btu/h
P3-14B SECRETARIA SOCIAL (Fan Coil)	31400 Btu/h
P3-14C SECRETARIA SOCIAL (Fan Coil)	31400 Btu/h
P3-15 SECRETARIA (Fan Coil)	9000 Btu/h
P3-2 OFICINA (Fan Coil)	6000 Btu/h
P3-3 OFICINA (Fan Coil)	9000 Btu/h
P3-4 SECRETARIA (Fan Coil)	12000 Btu/h
P3-5 RECEPCION (Fan Coil)	12000 Btu/h
P3-6 SALA DE REUNION (Fan Coil)	24000 Btu/h
P3-8 OFICINA (Fan Coil)	6000 Btu/h
P3-9 OFICINA (Fan Coil)	6000 Btu/h
P4- 2 SECRETARIA GENERAL (Fan Coil)	10600 Btu/h
P4-10A SEC GOBIERNO (Fan Coil)	36700 Btu/h
P4-10B SEC GOBIERNO (Fan Coil)	36700 Btu/h
P4-10C SECRETARIA DE GOBIERTO (Fan Coil)	36700 Btu/h
P4-11 SECRETARIA (Fan Coil)	13400 Btu/h
P4-1A SECRETARIA DE PLANEACION (Fan Coil)	30200 Btu/h
P4-1B SECRETARIA DE PLANEACION (Fan Coil)	30200 Btu/h
P4-3 SALA DE REUNION (Fan Coil)	4600 Btu/h
P4-4 SALA DE REUNION (Fan Coil)	9700 Btu/h
P4-5 SALA DE REUNION (Fan Coil)	13900 Btu/h
P4-7 VENTANILLA DE RADICACION (Fan Coil)	2500 Btu/h
P4-8 SECRETARIA DE PLANEACION (Fan Coil)	45400 Btu/h
P4-9A ARCHIVO (Fan Coil)	12500 Btu/h
P4-9B ARCHIVO (Fan Coil)	12500 Btu/h
P5- 2 SECRETARIA (Fan Coil)	10700 Btu/h
P5-1A SECRETARIA DE FOMENTO (Fan Coil)	34200 Btu/h
P5-1A SECRETARIA DE INFRAESTRUCTURA (Fan Coil)	30200 Btu/h
P5-1B SECRETARIA DE FOMENTO (Fan Coil)	34200 Btu/h
P5-1B SECRETARIA DE INFRAESTRUCTURA (Fan Coil)	30200 Btu/h
P5-3 SALA DE REUNION (Fan Coil)	4800 Btu/h
P5-4 SALA DE REUNION (Fan Coil)	9700 Btu/h
P5-6A SEC CONT INTERNO (Fan Coil)	23100 Btu/h
P5-6B SEC CONT INTERNO (Fan Coil)	23100 Btu/h
P5-6C SECRETARIA DE CONTROL INTERNO (Fan Coil)	23100 Btu/h
P5-7 SECRETARIA (Fan Coil)	10000 Btu/h
P5-8A SEC ADMINISTRATIVA (Fan Coil)	33800 Btu/h
P5-8B SEC ADMINISTRATIVA (Fan Coil)	33800 Btu/h
P5-8C SECRETARIA ADMINISTRATIVA (Fan Coil)	33800 Btu/h
P5-9 SECRETARIA (Fan Coil)	13300 Btu/h
P5-9 SECRETARIA (Fan Coil)	13300 Btu/h
P6- 2 SECRETARIA (Fan Coil)	11600 Btu/h
P6-11A SEC DE LAS TECNOLOGIAS (Fan Coil)	35400 Btu/h
P6-11B SEC DE LAS TECNOLOGIAS (Fan Coil)	35400 Btu/h
P6-11C SECRETARIA DE LAS TECNOLOGIAS (Fan Coil)	35400 Btu/h

P6-3 SALA DE REUNION (Fan Coil)	5700 Btu/h
P6-4 PRENSA (Fan Coil)	24200 Btu/h
P6-5 OFICINA (Fan Coil)	4300 Btu/h
P6-7 SALA DE REUNION (Fan Coil)	5700 Btu/h
P6-8A SEC FOMENTO (Fan Coil)	19900 Btu/h
P6-8B SECRETARIA DE FOMENTO (Fan Coil)	19900 Btu/h
P7-1 RECEPCION (Fan Coil)	4600 Btu/h
P7-3A SEC JURIDICA (Fan Coil)	7900 Btu/h
P7-3B SECRETARIA JURIDICA (Fan Coil)	7900 Btu/h
P7-4A SEC CONTRATACION (Fan Coil)	12800 Btu/h
P7-4B SECRETARIA DE CONTRATACION (Fan Coil)	12800 Btu/h
P7-5 SECRETARIA (Fan Coil)	11200 Btu/h
P7-6A SALA MULTIPLE (Fan Coil)	31900 Btu/h
P7-6B SALA MULTIPLE (Fan Coil)	31900 Btu/h
P7-6C SALA MULTIPLE (Fan Coil)	31900 Btu/h
P7-6D SALA MULTIPLE (Fan Coil)	31900 Btu/h
UMA-AE1 (Fan Coil)	20000 Btu/h
UMA-AE2 (Fan Coil)	34100 Btu/h
UMA-AE3 (Fan Coil)	32800 Btu/h
UMA-AE4 (Fan Coil)	40300 Btu/h
UMA-AE5 (Fan Coil)	34400 Btu/h
UMA-AE6 (Fan Coil)	31400 Btu/h

CHZ

Type, Location, Classification	**Modular, (Blank), New Equipment**
Fluid type, Volume	**Water, 500 gal**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Maximum kW, Total MCA	**0 kW, 0 amp**
Maximum unit efficiency	**0 kW/ton**
Efficiency rating (SEER)	**0**
Voltage/phase (Motor, Selection)	**208v/3ph, 460v/3ph**
Control circuit voltage/phase	**120v/1ph**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Refrigerant	**R-410A**
Free cooling	
Capacity	**0 tons**
Entering fluid temperature	**55°F**
Outside air temperature	**35°F**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Evaporator load (System, Portion, Component)	**1648100 Btu/h, 28%, 461500 Btu/h** 137.3 tons, 38.5 tons
Temperature (Entering, Change, Leaving)	**54°F, -10°F, 44°F**
Flow	92 gpm
Thermodynamic factor	501.4 Btu m/gal °F
Component total head loss	20 ft
Component (Design, Actual)	**20 ft, 0 ft**
Balancing valve	**0 ft**
Control valve	**0 ft**
Other	**0 ft**
Ambient air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	88.2°F, 71.7°F, 46.6%, 37.7 Btu/lb

Load summary

P1-2 MANTENIMIENTO (Fan Coil)	9000 Btu/h
P1-3 SERVICIOS GENERALES (Fan Coil)	9000 Btu/h
P1-4 DISPONIBLE (Fan Coil)	9000 Btu/h
P2-1 ARCHIVO GENERAL (Fan Coil)	24000 Btu/h
P2- 2 MODULOS DE TRABAJO (Fan Coil)	7500 Btu/h
P2- 2 SECRETARIA (Fan Coil)	11300 Btu/h
P2- 3 ENFERMERIA (Fan Coil)	7500 Btu/h
P2-4 SALA ASAMDA (Fan Coil)	9000 Btu/h
P2-5 OFICINA SINDICATO (Fan Coil)	9000 Btu/h
P2-6A ATENCION AL USUARIO (Fan Coil)	31900 Btu/h
P2-6B ATENCION AL USUARIO (Fan Coil)	31900 Btu/h
P3- 12 SECRETARIA (Fan Coil)	12000 Btu/h
P3- 1A DESPACHO DEL ALCALDE (Fan Coil)	15000 Btu/h
P3- 1B DESPACHO DEL ALCALDE (Fan Coil)	15000 Btu/h
P3- 7 OFICINA (Fan Coil)	12000 Btu/h
P3-11 SECRETARIA SOCIAL (Fan Coil)	18000 Btu/h
P3-13 SALA DE REUNION (Fan Coil)	7500 Btu/h
P3-14A SECRETARIA SOCIAL (Fan Coil)	31400 Btu/h
P3-14B SECRETARIA SOCIAL (Fan Coil)	31400 Btu/h
P3-14C SECRETARIA SOCIAL (Fan Coil)	31400 Btu/h
P3-15 SECRETARIA (Fan Coil)	9000 Btu/h
P3-2 OFICINA (Fan Coil)	6000 Btu/h
P3-3 OFICINA (Fan Coil)	9000 Btu/h
P3-4 SECRETARIA (Fan Coil)	12000 Btu/h
P3-5 RECEPCION (Fan Coil)	12000 Btu/h
P3-6 SALA DE REUNION (Fan Coil)	24000 Btu/h
P3-8 OFICINA (Fan Coil)	6000 Btu/h
P3-9 OFICINA (Fan Coil)	6000 Btu/h
P4- 2 SECRETARIA GENERAL (Fan Coil)	10600 Btu/h
P4-10A SEC GOBIERNO (Fan Coil)	38700 Btu/h
P4-10B SEC GOBIERNO (Fan Coil)	38700 Btu/h
P4-10C SECRETARIA DE GOBIERTO (Fan Coil)	38700 Btu/h
P4-11 SECRETARIA (Fan Coil)	13400 Btu/h
P4-1A SECRETARIA DE PLANEACION (Fan Coil)	30200 Btu/h
P4-1B SECRETARIA DE PLANEACION (Fan Coil)	30200 Btu/h
P4-3 SALA DE REUNION (Fan Coil)	4600 Btu/h
P4-4 SALA DE REUNION (Fan Coil)	9700 Btu/h
P4-5 SALA DE REUNION (Fan Coil)	13900 Btu/h
P4-7 VENTANILLA DE RADICACION (Fan Coil)	2500 Btu/h
P4-8 SECRETARIA DE PLANEACION (Fan Coil)	45400 Btu/h
P4-9A ARCHIVO (Fan Coil)	12500 Btu/h
P4-9B ARCHIVO (Fan Coil)	12500 Btu/h
P5- 2 SECRETARIA (Fan Coil)	10700 Btu/h
P5-1A SECRETARIA DE FOMENTO (Fan Coil)	34200 Btu/h
P5-1A SECRETARIA DE INFRAESTRUCTURA (Fan Coil)	30200 Btu/h
P5-1B SECRETARIA DE FOMENTO (Fan Coil)	34200 Btu/h
P5-1B SECRETARIA DE INFRAESTRUCTURA (Fan Coil)	30200 Btu/h
P5-3 SALA DE REUNION (Fan Coil)	4600 Btu/h
P5-4 SALA DE REUNION (Fan Coil)	9700 Btu/h
P5-6A SEC CONT INTERNO (Fan Coil)	23100 Btu/h
P5-6B SEC CONT INTERNO (Fan Coil)	23100 Btu/h
P5-6C SECRETARIA DE CONTROL INTERNO (Fan Coil)	23100 Btu/h
P5-7 SECRETARIA (Fan Coil)	10300 Btu/h
P5-8A SEC ADMINISTRATIVA (Fan Coil)	33800 Btu/h
P5-8B SEC ADMINISTRATIVA (Fan Coil)	33800 Btu/h
P5-8C SECRETARIA ADMINISTRATIVA (Fan Coil)	33800 Btu/h
P5-9 SECRETARIA (Fan Coil)	13300 Btu/h
P5-9 SECRETARIA (Fan Coil)	13300 Btu/h
P6- 2 SECRETARIA (Fan Coil)	11600 Btu/h
P6-11A SEC DE LAS TECNOLOGIAS (Fan Coil)	35400 Btu/h
P6-11B SEC DE LAS TECNOLOGIAS (Fan Coil)	35400 Btu/h
P6-11C SECRETARIA DE LAS TECNOLOGIAS (Fan Coil)	35400 Btu/h
P6-3 SALA DE REUNION (Fan Coil)	5700 Btu/h
P6-4 PRENSA (Fan Coil)	24200 Btu/h
P6-5 OFICINA (Fan Coil)	4300 Btu/h
P6-7 SALA DE REUNION (Fan Coil)	5700 Btu/h
P6-8A SEC FOMENTO (Fan Coil)	19900 Btu/h
P6-8B SECRETARIA DE FOMENTO (Fan Coil)	19900 Btu/h
P7-1 RECEPCION (Fan Coil)	4600 Btu/h
P7-3A SEC JURIDICA (Fan Coil)	7900 Btu/h
P7-3B SECRETARIA JURIDICA (Fan Coil)	7900 Btu/h
P7-4A SEC CONTRATACION (Fan Coil)	12800 Btu/h
P7-4B SECRETARIA DE CONTRATACION (Fan Coil)	12800 Btu/h
P7-5 SECRETARIA (Fan Coil)	11200 Btu/h
P7-6A SALA MULTIPLE (Fan Coil)	31900 Btu/h
P7-6B SALA MULTIPLE (Fan Coil)	31900 Btu/h
P7-6C SALA MULTIPLE (Fan Coil)	31900 Btu/h
P7-6D SALA MULTIPLE (Fan Coil)	31900 Btu/h

UMA-AE1 (Fan Coil)	20000 Btu/h
UMA-AE2 (Fan Coil)	34100 Btu/h
UMA-AE3 (Fan Coil)	32800 Btu/h
UMA-AE4 (Fan Coil)	40300 Btu/h
UMA-AE5 (Fan Coil)	34400 Btu/h
UMA-AE6 (Fan Coil)	31400 Btu/h

CH-1

Type, Location, Classification	**Modular (Blank), New Equipment**
Fluid type, Volume	**Water, 500 gal**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Maximum kW, Total MCA	**0 kW, 0 amp**
Maximum unit efficiency	**0 kW/ton**
Efficiency rating (EER)	0
Voltage/phase (Motor, Selection)	**208v/3ph, 460v/3ph**
Control circuit voltage/phase	**120v/1ph**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Refrigerant	**R-410A**
Free cooling	
Capacity	**0 tons**
Entering fluid temperature	**55°F**
Outside air temperature	**35°F**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Evaporator load (System, Portion, Component)	1648100 Btu/h, **28%**, 491630 Btu/h 137.3 tons, 38.5 tons
Temperature (Entering, Change, Leaving)	**54°F, -10°F, 44°F**
Flow	92 gpm
Thermodynamic factor	501.4 Btu·mlgal·°F
Component total head loss	20 ft
Component (Design, Actual)	**20 ft, 0 ft**
Balancing valve	**0 ft**
Control valve	**0 ft**
Other	**0 ft**
Ambient air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	88.2°F, 71.7°F, 46.6%, 37.7 Btu/lb

Load summary

P1-2 MANTENIMIENTO (Fan Coil)	9000 Btu/h
P1-3 SERVICION GENERALES (Fan Coil)	9000 Btu/h
P1-4 DISPONIBLE (Fan Coil)	9000 Btu/h
P2- 1 ARCHIVO GENERAL (Fan Coil)	24000 Btu/h
P2- 2 MODULOS DE TRABAJO (Fan Coil)	7500 Btu/h
P2- 2 SECRETARIA (Fan Coil)	11300 Btu/h
P2- 3 ENFERMERIA (Fan Coil)	7500 Btu/h
P2-4 SALA AMIGA (Fan Coil)	9000 Btu/h
P2-5 OFICINA SINDICATO (Fan Coil)	9000 Btu/h
P2-6A ATENCION AL USUARIO (Fan Coil)	31900 Btu/h
P2-6B ATENCION AL USUARIO (Fan Coil)	31900 Btu/h
P5- 12 SECRETARIA (Fan Coil)	12000 Btu/h
P5- 1A DESPACHO DEL ALCALDE (Fan Coil)	15000 Btu/h
P5- 1B DESPACHO DEL ALCALDE (Fan Coil)	15000 Btu/h
P5- 7 OFICINA (Fan Coil)	12000 Btu/h
P3-11 SECRETARIA SOCIAL (Fan Coil)	18000 Btu/h
P3-13 SALA DE REUNION (Fan Coil)	7500 Btu/h
P3-14A SECRETARIA SOCIAL (Fan Coil)	31400 Btu/h
P3-14B SECRETARIA SOCIAL (Fan Coil)	31400 Btu/h
P3-14C SECRETARIA SOCIAL (Fan Coil)	31400 Btu/h
P3-15 SECRETARIA (Fan Coil)	9000 Btu/h
P3-2 OFICINA (Fan Coil)	6000 Btu/h
P3-3 OFICINA (Fan Coil)	9000 Btu/h
P3-4 SECRETARIA (Fan Coil)	12000 Btu/h
P3-5 RECEPCION (Fan Coil)	12000 Btu/h
P3-6 SALA DE REUNION (Fan Coil)	24000 Btu/h
P3-8 OFICINA (Fan Coil)	6000 Btu/h
P3-9 OFICINA (Fan Coil)	6000 Btu/h
P4- 2 SECRETARIA GENERAL (Fan Coil)	10600 Btu/h
P4-10A SEC GOBIERNO (Fan Coil)	36700 Btu/h
P4-10B SEC GOBIERNO (Fan Coil)	36700 Btu/h
P4-10C SECRETARIA DE GOBIERTO (Fan Coil)	36700 Btu/h
P4-11 SECRETARIA (Fan Coil)	13400 Btu/h
P4-1A SECRETARIA DE PLANEACION (Fan Coil)	30200 Btu/h
P4-1B SECRETARIA DE PLANEACION (Fan Coil)	30200 Btu/h
P4-3 SALA DE REUNION (Fan Coil)	4600 Btu/h
P4-4 SALA DE REUNION (Fan Coil)	9700 Btu/h
P4-5 SALA DE REUNION (Fan Coil)	12900 Btu/h
P4-7 VENTANILLA DE RADICACION (Fan Coil)	2500 Btu/h
P4-8 SECRETARIA DE PLANEACION (Fan Coil)	45400 Btu/h
P4-9A ARCHIVO (Fan Coil)	12500 Btu/h
P4-9B ARCHIVO (Fan Coil)	12500 Btu/h
P5- 2 SECRETARIA (Fan Coil)	10700 Btu/h
P5-1A SECRETARIA DE FOMENTO (Fan Coil)	34200 Btu/h
P5-1A SECRETARIA DE INFRAESTRUCTURA (Fan Coil)	30200 Btu/h
P5-1B SECRETARIA DE FOMENTO (Fan Coil)	34200 Btu/h
P5-1B SECRETARIA DE INFRAESTRUCTURA (Fan Coil)	30200 Btu/h
P5-3 SALA DE REUNION (Fan Coil)	4600 Btu/h
P5-4 SALA DE REUNION (Fan Coil)	9700 Btu/h
P5-6A SEC CONT INTERNO (Fan Coil)	23100 Btu/h
P5-6B SEC CONT INTERNO (Fan Coil)	23100 Btu/h
P5-6C SECRETARIA DE CONTROL INTERNO (Fan Coil)	23100 Btu/h
P5-7 SECRETARIA (Fan Coil)	10000 Btu/h
P5-8A SEC ADMINISTRATIVA (Fan Coil)	33600 Btu/h
P5-8B SEC ADMINISTRATIVA (Fan Coil)	33600 Btu/h
P5-8C SECRETARIA ADMINISTRATIVA (Fan Coil)	33600 Btu/h
P5-9 SECRETARIA (Fan Coil)	13300 Btu/h
P5-9 SECRETARIA (Fan Coil)	13300 Btu/h
P6- 2 SECRETARIA (Fan Coil)	11600 Btu/h
P6-11A SEC DE LAS TECNOLOGIAS (Fan Coil)	35400 Btu/h
P6-11B SEC DE LAS TECNOLOGIAS (Fan Coil)	35400 Btu/h
P6-11C SECRETARIA DE LAS TECNOLOGIAS (Fan Coil)	35400 Btu/h
P6-3 SALA DE REUNION (Fan Coil)	5700 Btu/h
P6-4 PRENSA (Fan Coil)	24200 Btu/h
P6-5 OFICINA (Fan Coil)	4300 Btu/h
P6-7 SALA DE REUNION (Fan Coil)	5700 Btu/h
P6-8A SEC FOMENTO (Fan Coil)	19900 Btu/h
P6-8B SECRETARIA DE FOMENTO (Fan Coil)	19900 Btu/h
P7-1 RECEPCION (Fan Coil)	4600 Btu/h
P7-3A SEC JURIDICA (Fan Coil)	7900 Btu/h
P7-3B SECRETARIA JURIDICA (Fan Coil)	7900 Btu/h
P7-4A SEC CONTRATACION (Fan Coil)	12800 Btu/h
P7-4B SECRETARIA DE CONTRATACION (Fan Coil)	12800 Btu/h
P7-5 SECRETARIA (Fan Coil)	11200 Btu/h
P7-6A SALA MULTIPLE (Fan Coil)	31900 Btu/h
P7-6B SALA MULTIPLE (Fan Coil)	31900 Btu/h
P7-6C SALA MULTIPLE (Fan Coil)	31900 Btu/h
P7-6D SALA MULTIPLE (Fan Coil)	31900 Btu/h
UMA-AE1 (Fan Coil)	20000 Btu/h
UMA-AE2 (Fan Coil)	34100 Btu/h
UMA-AE3 (Fan Coil)	32800 Btu/h
UMA-AE4 (Fan Coil)	40300 Btu/h
UMA-AE5 (Fan Coil)	34400 Btu/h
UMA-AE6 (Fan Coil)	31400 Btu/h

Expansion Tank

ET-1

Type, Location, Classification	**CBX Series (Vertical, Bladder, Partial Expansion), (Blank), New Equipment**
Fluid type	Water

Temperature (Minimum, Maximum)	42°F, 90°F
Static head above tank	20 ft
System pressure below relief valve pressure	10%
Pressure (Minimum fill, Maximum working, Relief valve)	12.7 psig, 27 psig, 30 psig
Minimum tank volume, Minimum acceptance volume	22.4 gal, 5 gal
Volume portion	100%
Volume (Component)	1395.1 gal
Connected system components	1510 gal
Connected system piping	485.1 gal
Other	0 gal
Components volume summary	
BAF-01	5 gal
BAF-02	5 gal
CH-1	500 gal
CH-2	500 gal
CH-3	500 gal
Piping volume summary	
BV-1	0.1 gal
BV-2	0.1 gal
BV-3	0.1 gal
BV-4	0.1 gal
BV-5	0.1 gal
BV-6	0.1 gal
BV-7	0.1 gal
CV-C-P1-2 MANTENIMIENTO	0.1 gal
CV-C-P1-3 SERVICIOS GENERALES	0.1 gal
CV-C-P1-4 DISPONIBLE	0.1 gal
CV-C-P2- 1 ARCHIVO GENERAL	0.1 gal
CV-C-P2- 2 MODULOS DE TRABAJO	0.1 gal
CV-C-P2- 2 SECRETARIA	0.1 gal
CV-C-P2- 3 ENFERMERIA	0.1 gal
CV-C-P2-4 SALA AMIGA	0.1 gal
CV-C-P2-5 OFICINA SINDICATO	0.1 gal
CV-C-P2-6A ATENCION AL USUARIO	0.1 gal
CV-C-P2-6B ATENCION AL USUARIO	0.1 gal
CV-C-P3- 12 SECRETARIA	0.1 gal
CV-C-P3- 1A DESPACHO DEL ALCALDE	0.1 gal
CV-C-P3- 1B DESPACHO DEL ALCALDE	0.1 gal
CV-C-P3- 7 OFICINA	0.1 gal
CV-C-P3-11 SECRETARIA SOCIAL	0.1 gal
CV-C-P3-13 SALA DE REUNION	0.1 gal
CV-C-P3-14A SECRETARIA SOCIAL	0.1 gal
CV-C-P3-14B SECRETARIA SOCIAL	0.1 gal
CV-C-P3-14C SECRETARIA SOCIAL	0.1 gal
CV-C-P3-15 SECRETARIA	0.1 gal
CV-C-P3-2 OFICINA	0.1 gal
CV-C-P3-3 OFICINA	0.1 gal
CV-C-P3-4 SECRETARIA	0.1 gal
CV-C-P3-5 RECEPCION	0.1 gal
CV-C-P3-6 SALA DE REUNION	0.1 gal
CV-C-P3-8 OFICINA	0.1 gal
CV-C-P3-9 OFICINA	0.1 gal
CV-C-P4- 2 SECRETARIA GENERAL	0.1 gal
CV-C-P4-10A SEC GOBIERNO	0.1 gal
CV-C-P4-10B SEC GOBIERNO	0.1 gal
CV-C-P4-10C SECRETARIA DE GOBIERTO	0.1 gal
CV-C-P4-11 SECRETARIA	0.1 gal
CV-C-P4-1A SECRETARIA DE PLANEACION	0.1 gal
CV-C-P4-1B SECRETARIA DE PLANEACION	0.1 gal
CV-C-P4-3 SALA DE REUNION	0.1 gal
CV-C-P4-4 SALA DE REUNION	0.1 gal
CV-C-P4-5 SALA DE REUNION	0.1 gal
CV-C-P4-7 VENTANILLA DE RADICACION	0.1 gal
CV-C-P4-8 SECRETARIA DE PLANEACION	0.1 gal
CV-C-P4-9A ARCHIVO	0.1 gal
CV-C-P4-9B ARCHIVO	0.1 gal
CV-C-P5- 2 SECRETARIA	0.1 gal
CV-C-P5-1A SECRETARIA DE FOMENTO	0.1 gal
CV-C-P5-1A SECRETARIA DE INFRAESTRUCTURA	0.1 gal
CV-C-P5-1B SECRETARIA DE FOMENTO	0.1 gal
CV-C-P5-1B SECRETARIA DE INFRAESTRUCTURA	0.1 gal
CV-C-P5-3 SALA DE REUNION	0.1 gal
CV-C-P5-4 SALA DE REUNION	0.1 gal
CV-C-P5-6A SEC CONT INTERNO	0.1 gal
CV-C-P5-6B SEC CONT INTERNO	0.1 gal
CV-C-P5-6C SECRETARIA DE CONTROL INTERNO	0.1 gal
CV-C-P5-7 SECRETARIA	0.1 gal
CV-C-P5-8A SEC ADMINISTRATIVA	0.1 gal
CV-C-P5-8B SEC ADMINISTRATIVA	0.1 gal
CV-C-P5-8C SECRETARIA ADMINISTRATIVA	0.1 gal
CV-C-P5-9 SECRETARIA	0.1 gal
CV-C-P5-9 SECRETARIA	0.1 gal
CV-C-P6- 2 SECRETARIA	0.1 gal
CV-C-P6-11A SEC DE LAS TECNOLOGIAS	0.1 gal
CV-C-P6-11B SEC DE LAS TECNOLOGIAS	0.1 gal
CV-C-P6-11C SECRETARIA DE LAS TECNOLOGIAS	0.1 gal
CV-C-P6-3 SALA DE REUNION	0.1 gal
CV-C-P6-4 PRENSA	0.1 gal
CV-C-P6-5 OFICINA	0.1 gal
CV-C-P6-7 SALA DE REUNION	0.1 gal
CV-C-P6-8A SEC FOMENTO	0.1 gal
CV-C-P6-8B SECRETARIA DE FOMENTO	0.1 gal
CV-C-P7-1 RECEPCION	0.1 gal
CV-C-P7-3A SEC JURIDICA	0.1 gal
CV-C-P7-3B SECRETARIA JURIDICA	0.1 gal
CV-C-P7-4A SEC CONTRATACION	0.1 gal
CV-C-P7-4B SECRETARIA DE CONTRATACION	0.1 gal
CV-C-P7-5 SECRETARIA	0.1 gal
CV-C-P7-6A SALA MULTIPLE	0.1 gal
CV-C-P7-6B SALA MULTIPLE	0.1 gal
CV-C-P7-6C SALA MULTIPLE	0.1 gal
CV-C-P7-6D SALA MULTIPLE	0.1 gal
CV-C-UMA-AE1	0.1 gal
CV-C-UMA-AE2	0.1 gal
CV-C-UMA-AE3	0.1 gal
CV-C-UMA-AE4	0.1 gal
CV-C-UMA-AE5	0.1 gal
CV-C-UMA-AE6	0.1 gal
EJTP-1	0.1 gal
EJTP-2	0.1 gal
EJTP-3	0.1 gal
EJTP-4	0.1 gal
EJTP-5	0.1 gal
EJTP-6	0.1 gal
MPV-BAF-01	0.1 gal
MPV-BAF-02	0.1 gal
PIPE-1	12.1 gal
PIPE-100	0.3 gal
PIPE-101	3.7 gal
PIPE-102	0.3 gal
PIPE-103	3.7 gal
PIPE-104	0.2 gal
PIPE-105	0.3 gal
PIPE-106	0.2 gal
PIPE-107	0.3 gal
PIPE-108	0.2 gal
PIPE-109	1.1 gal
PIPE-111	1.1 gal
PIPE-127	0.1 gal
PIPE-128	0.7 gal
PIPE-129	0.1 gal
PIPE-130	0.7 gal
PIPE-131	0.3 gal
PIPE-132	8.1 gal
PIPE-133	0.3 gal
PIPE-134	8.1 gal
PIPE-135	0.2 gal
PIPE-136	0.1 gal
PIPE-137	0.2 gal
PIPE-138	0.1 gal
PIPE-139	0.3 gal
PIPE-142	0.5 gal
PIPE-143	0.2 gal
PIPE-144	0.7 gal
PIPE-145	0.2 gal
PIPE-146	0.7 gal

PIPE-159	0.9 gal
PIPE-161	0.5 gal
PIPE-167	0.2 gal
PIPE-168	0.9 gal
PIPE-169	0.2 gal
PIPE-170	0.5 gal
PIPE-171	0.2 gal
PIPE-172	1.1 gal
PIPE-173	0.2 gal
PIPE-174	1.1 gal
PIPE-175	7.7 gal
PIPE-176	3.8 gal
PIPE-189	0.4 gal
PIPE-2	13.1 gal
PIPE-20	13.1 gal
PIPE-21	148.3 gal
PIPE-22	0.1 gal
PIPE-232	0.3 gal
PIPE-233	0.3 gal
PIPE-235	0.7 gal
PIPE-237	0.7 gal
PIPE-24	0.5 gal
PIPE-26	0.1 gal
PIPE-28	2.3 gal
PIPE-282	0.3 gal
PIPE-283	0.3 gal
PIPE-285	0.5 gal
PIPE-287	0.5 gal
PIPE-30	0.5 gal
PIPE-317	7.7 gal
PIPE-348	0.3 gal
PIPE-349	0.3 gal
PIPE-351	0.5 gal
PIPE-353	0.5 gal
PIPE-374	7.7 gal
PIPE-375	7.7 gal
PIPE-378	17.5 gal
PIPE-381	17.5 gal
PIPE-4	13.1 gal
PIPE-424	0.3 gal
PIPE-425	0.3 gal
PIPE-43	1.7 gal
PIPE-44	2.3 gal
PIPE-51	0.2 gal
PIPE-52	0.6 gal
PIPE-53	0.2 gal
PIPE-54	0.6 gal
PIPE-55	0.3 gal
PIPE-56	1.3 gal
PIPE-57	0.3 gal
PIPE-58	1.3 gal
PIPE-6	39.3 gal
PIPE-62	39.3 gal
PIPE-63	0.3 gal
PIPE-64	0.2 gal
PIPE-65	1 gal
PIPE-66	0.2 gal
PIPE-67	2.1 gal
PIPE-68	0.2 gal
PIPE-69	5.6 gal
PIPE-70	5.3 gal
PIPE-71	0.2 gal
PIPE-72	1 gal
PIPE-73	0.2 gal
PIPE-74	2.1 gal
PIPE-75	0.2 gal
PIPE-76	5.6 gal
PIPE-92	0.6 gal
PIPE-93	3.8 gal
PIPE-94	0.6 gal
PIPE-95	1.7 gal
PIPE-96	2.9 gal
PIPE-97	4.9 gal
PIPE-98	2.9 gal

PIPE-99	4.9 gal
V-1	0.1 gal
V-2	0.1 gal
V-49	0.1 gal
V-50	0.1 gal
V-51	0.1 gal
V-52	0.1 gal
V-53	0.1 gal
V-54	0.1 gal
V-57	0.1 gal
V-BAF-01	0.1 gal
V-BAF-02	0.1 gal
V-C-P1-2 MANTEMINIENTO.1	0.1 gal
V-C-P1-2 MANTEMINIENTO.2	0.1 gal
V-C-P1-3 SERVICION GENERALES.1	0.1 gal
V-C-P1-3 SERVICION GENERALES.2	0.1 gal
V-C-P1-4 DISPONIBLE.1	0.1 gal
V-C-P1-4 DISPONIBLE.2	0.1 gal
V-C-P2- 1 ARCHIVO GENERAL.1	0.1 gal
V-C-P2- 1 ARCHIVO GENERAL.2	0.1 gal
V-C-P2- 2 MODULOS DE TRABAJO .1	0.1 gal
V-C-P2- 2 MODULOS DE TRABAJO .2	0.1 gal
V-C-P2- 2 SECRETARIA.1	0.1 gal
V-C-P2- 2 SECRETARIA.2	0.1 gal
V-C-P2- 3 ENFERMERIA.1	0.1 gal
V-C-P2- 3 ENFERMERIA.2	0.1 gal
V-C-P2-4 SALA AMIGA.1	0.1 gal
V-C-P2-4 SALA AMIGA.2	0.1 gal
V-C-P2-5 OFICINA SINDICATO.1	0.1 gal
V-C-P2-5 OFICINA SINDICATO.2	0.1 gal
V-C-P2-6A ATENCION AL USUARIO.1	0.1 gal
V-C-P2-6A ATENCION AL USUARIO.2	0.1 gal
V-C-P2-6B ATENCION AL USUARIO.1	0.1 gal
V-C-P2-6B ATENCION AL USUARIO.2	0.1 gal
V-C-P3- 12 SECRETARIA.1	0.1 gal
V-C-P3- 12 SECRETARIA.2	0.1 gal
V-C-P3- 1A DESPACHO DEL ALCALDE.1	0.1 gal
V-C-P3- 1A DESPACHO DEL ALCALDE.2	0.1 gal
V-C-P3- 1B DESPACHO DEL ALCALDE.1	0.1 gal
V-C-P3- 1B DESPACHO DEL ALCALDE.2	0.1 gal
V-C-P3- 7 OFICINA.1	0.1 gal
V-C-P3- 7 OFICINA.2	0.1 gal
V-C-P3-11 SECRETARIA SOCIAL.1	0.1 gal
V-C-P3-11 SECRETARIA SOCIAL.2	0.1 gal
V-C-P3-13 SALA DE REUNION.1	0.1 gal
V-C-P3-13 SALA DE REUNION.2	0.1 gal
V-C-P3-14A SECRETARIA SOCIAL.1	0.1 gal
V-C-P3-14A SECRETARIA SOCIAL.2	0.1 gal
V-C-P3-14B SECRETARIA SOCIAL.1	0.1 gal
V-C-P3-14B SECRETARIA SOCIAL.2	0.1 gal
V-C-P3-14C SECRETARIA SOCIAL.1	0.1 gal
V-C-P3-14C SECRETARIA SOCIAL.2	0.1 gal
V-C-P3-15 SECRETARIA.1	0.1 gal
V-C-P3-15 SECRETARIA.2	0.1 gal
V-C-P3-2 OFICINA.1	0.1 gal
V-C-P3-2 OFICINA.2	0.1 gal
V-C-P3-3 OFICINA.1	0.1 gal
V-C-P3-3 OFICINA.2	0.1 gal
V-C-P3-4 SECRETARIA.1	0.1 gal
V-C-P3-4 SECRETARIA.2	0.1 gal
V-C-P3-5 RECEPCION.1	0.1 gal
V-C-P3-5 RECEPCION.2	0.1 gal
V-C-P3-6 SALA DE REUNION.1	0.1 gal
V-C-P3-6 SALA DE REUNION.2	0.1 gal
V-C-P3-8 OFICINA.1	0.1 gal
V-C-P3-8 OFICINA.2	0.1 gal
V-C-P3-9 OFICINA.1	0.1 gal
V-C-P3-9 OFICINA.2	0.1 gal
V-C-P4- 2 SECRETARIA GENERAL.1	0.1 gal
V-C-P4- 2 SECRETARIA GENERAL.2	0.1 gal
V-C-P4-10A SEC GOBIERNO.1	0.1 gal
V-C-P4-10A SEC GOBIERNO.2	0.1 gal
V-C-P4-10B SEC GOBIERNO.1	0.1 gal
V-C-P4-10B SEC GOBIERNO.2	0.1 gal

V-C-P4-10C SECRETARIA DE GOBIERTO.1	0.1 gal
V-C-P4-10C SECRETARIA DE GOBIERTO.2	0.1 gal
V-C-P4-11 SECRETARIA.1	0.1 gal
V-C-P4-11 SECRETARIA.2	0.1 gal
V-C-P4-1A SECRETARIA DE PLANEACION.1	0.1 gal
V-C-P4-1A SECRETARIA DE PLANEACION.2	0.1 gal
V-C-P4-1B SECRETARIA DE PLANEACION.1	0.1 gal
V-C-P4-1B SECRETARIA DE PLANEACION.2	0.1 gal
V-C-P4-3 SALA DE REUNION.1	0.1 gal
V-C-P4-3 SALA DE REUNION.2	0.1 gal
V-C-P4-4 SALA DE REUNION.1	0.1 gal
V-C-P4-4 SALA DE REUNION.2	0.1 gal
V-C-P4-5 SALA DE REUNION.1	0.1 gal
V-C-P4-5 SALA DE REUNION.2	0.1 gal
V-C-P4-7 VENTANILLA DE RADICACION.1	0.1 gal
V-C-P4-7 VENTANILLA DE RADICACION.2	0.1 gal
V-C-P4-8 SECRETARIA DE PLANEACION.1	0.1 gal
V-C-P4-8 SECRETARIA DE PLANEACION.2	0.1 gal
V-C-P4-9A ARCHIVO.1	0.1 gal
V-C-P4-9A ARCHIVO.2	0.1 gal
V-C-P4-9B ARCHIVO.1	0.1 gal
V-C-P4-9B ARCHIVO.2	0.1 gal
V-C-P5- 2 SECRETARIA.1	0.1 gal
V-C-P5- 2 SECRETARIA.2	0.1 gal
V-C-P5-1A SECRETARIA DE FOMENTO.1	0.1 gal
V-C-P5-1A SECRETARIA DE FOMENTO.2	0.1 gal
V-C-P5-1A SECRETARIA DE INFRAESTRUCTURA.1	0.1 gal
V-C-P5-1A SECRETARIA DE INFRAESTRUCTURA.2	0.1 gal
V-C-P5-1B SECRETARIA DE FOMENTO.1	0.1 gal
V-C-P5-1B SECRETARIA DE FOMENTO.2	0.1 gal
V-C-P5-1B SECRETARIA DE INFRAESTRUCTURA.1	0.1 gal
V-C-P5-1B SECRETARIA DE INFRAESTRUCTURA.2	0.1 gal
V-C-P5-3 SALA DE REUNION.1	0.1 gal
V-C-P5-3 SALA DE REUNION.2	0.1 gal
V-C-P5-4 SALA DE REUNION.1	0.1 gal
V-C-P5-4 SALA DE REUNION.2	0.1 gal
V-C-P5-6A SEC CONT INTERNO.1	0.1 gal
V-C-P5-6A SEC CONT INTERNO.2	0.1 gal
V-C-P5-6B SEC CONT INTERNO.1	0.1 gal
V-C-P5-6B SEC CONT INTERNO.2	0.1 gal
V-C-P5-6C SECRETARIA DE CONTROL INTERNO.1	0.1 gal
V-C-P5-6C SECRETARIA DE CONTROL INTERNO.2	0.1 gal
V-C-P5-7 SECRETARIA.1	0.1 gal
V-C-P5-7 SECRETARIA.2	0.1 gal
V-C-P5-8A SEC ADMINISTRATIVA.1	0.1 gal
V-C-P5-8A SEC ADMINISTRATIVA.2	0.1 gal
V-C-P5-8B SEC ADMINISTRATIVA.1	0.1 gal
V-C-P5-8B SEC ADMINISTRATIVA.2	0.1 gal
V-C-P5-8C SECRETARIA ADMINISTRATIVA.1	0.1 gal
V-C-P5-8C SECRETARIA ADMINISTRATIVA.2	0.1 gal
V-C-P5-9 SECRETARIA.1	0.1 gal
V-C-P5-9 SECRETARIA.1	0.1 gal
V-C-P5-9 SECRETARIA.2	0.1 gal
V-C-P5-9 SECRETARIA.2	0.1 gal
V-C-P6- 2 SECRETARIA.1	0.1 gal
V-C-P6- 2 SECRETARIA.2	0.1 gal
V-C-P6-11A SEC DE LAS TECNOLOGIAS.1	0.1 gal
V-C-P6-11A SEC DE LAS TECNOLOGIAS.2	0.1 gal
V-C-P6-11B SEC DE LAS TECNOLOGIAS.1	0.1 gal
V-C-P6-11B SEC DE LAS TECNOLOGIAS.2	0.1 gal
V-C-P6-11C SECRETARIA DE LAS TECNOLOGIAS.1	0.1 gal
V-C-P6-11C SECRETARIA DE LAS TECNOLOGIAS.2	0.1 gal
V-C-P6-3 SALA DE REUNION.1	0.1 gal
V-C-P6-3 SALA DE REUNION.2	0.1 gal
V-C-P6-4 PRENSA.1	0.1 gal
V-C-P6-4 PRENSA.2	0.1 gal
V-C-P6-5 OFICINA.1	0.1 gal
V-C-P6-5 OFICINA.2	0.1 gal
V-C-P6-7 SALA DE REUNION.1	0.1 gal
V-C-P6-7 SALA DE REUNION.2	0.1 gal
V-C-P6-8A SEC FOMENTO.1	0.1 gal
V-C-P6-8A SEC FOMENTO.2	0.1 gal
V-C-P6-8B SECRETARIA DE FOMENTO.1	0.1 gal
V-C-P6-8B SECRETARIA DE FOMENTO.2	0.1 gal

V-C-P7-1 RECEPCION.1	0.1 gal
V-C-P7-1 RECEPCION.2	0.1 gal
V-C-P7-3A SEC JURIDICA.1	0.1 gal
V-C-P7-3A SEC JURIDICA.2	0.1 gal
V-C-P7-3B SECRETARIA JURIDICA.1	0.1 gal
V-C-P7-3B SECRETARIA JURIDICA.2	0.1 gal
V-C-P7-4A SEC CONTRATACION.1	0.1 gal
V-C-P7-4A SEC CONTRATACION.2	0.1 gal
V-C-P7-4B SECRETARIA DE CONTRATACION.1	0.1 gal
V-C-P7-4B SECRETARIA DE CONTRATACION.2	0.1 gal
V-C-P7-5 SECRETARIA.1	0.1 gal
V-C-P7-5 SECRETARIA.2	0.1 gal
V-C-P7-6A SALA MULTIPLE.1	0.1 gal
V-C-P7-6A SALA MULTIPLE.2	0.1 gal
V-C-P7-6B SALA MULTIPLE.1	0.1 gal
V-C-P7-6B SALA MULTIPLE.2	0.1 gal
V-C-P7-6C SALA MULTIPLE.1	0.1 gal
V-C-P7-6C SALA MULTIPLE.2	0.1 gal
V-C-P7-6D SALA MULTIPLE.1	0.1 gal
V-C-P7-6D SALA MULTIPLE.2	0.1 gal
V-C-UMA-AE1.1	0.1 gal
V-C-UMA-AE1.2	0.1 gal
V-C-UMA-AE2.1	0.1 gal
V-C-UMA-AE2.2	0.1 gal
V-C-UMA-AE3.1	0.1 gal
V-C-UMA-AE3.2	0.1 gal
V-C-UMA-AE4.1	0.1 gal
V-C-UMA-AE4.2	0.1 gal
V-C-UMA-AE5.1	0.1 gal
V-C-UMA-AE5.2	0.1 gal
V-C-UMA-AE6.1	0.1 gal
V-C-UMA-AE6.2	0.1 gal

Automatic selection	Yes
Manufacturer, Model	Taco, CBX130-125
Diameter, Height, Shipping weight, Maximum weight	20", 37", 358 lb, 516.5 lb
Tank volume, Acceptance volume	34 gal, 19 gal
Pressure rating	125 psig
ASME certified, ASME certification required	Yes, No
NPT fitting	0.75"

Fan Coil

P1-2 MANTENIMIENTO

Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	9000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	9000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.8 gpm
Thermodynamic factor	501.4 Btu·mjgal·°F
Component total head loss	21 ft
Coil (Design, Actual)	15 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

PT-3 SERVICIOS GENERALES

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	9000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	9000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%

Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.8 gpm
Thermodynamic factor	501.4 Btu·mjgal·°F
Component total head loss	21 ft
Coil (Design, Actual)	15 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

PT-4 DISPONIBLE

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	9000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	9000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.8 gpm

Thermodynamic factor	501.4 Btu-m/gal-°F
Component total head loss	21 ft
Coil (Design, Actual)	15 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P2-1 ARCHIVO GENERAL

Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 8
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	24000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	24000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 62°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	4.8 gpm
Thermodynamic factor	501.4 Btu-m/gal-°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P2-3 MODULOS DE TRABAJO

Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	7500 Btu/h
Sensible to total ratio	100%
Sensible, Latent	7500 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.5 gpm
Thermodynamic factor	501.4 Btu-m/gal-°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P2-2 SECRETARIA

Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical

Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	11300 Btu/h
Sensible to total ratio	100%
Sensible, Latent	11300 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.3 gpm
Thermodynamic factor	501.4 Btu·mfgal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P2-3 ENFERMERIA

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208V/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	7500 Btu/h
Sensible to total ratio	100%
Sensible, Latent	7500 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.5 gpm
Thermodynamic factor	501.4 Btu·mfgal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P2-4 SALA AMIGA

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208V/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	9000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	9000 Btu/h, 0 Btu/h

Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.8 gpm
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P2-OFICINA SINDICATO

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 8
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1

Winter Heating

Scenario data not shown because the load is 0.

Scenario 2

Summer Cooling

Usage	Cooling
Load portion	100%
Total cooling load	9000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	9000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.8 gpm
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P2-BA ATENCION AL USUARIO

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 8
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1

Winter Heating

Scenario data not shown because the load is 0.

Scenario 2

Summer Cooling

Usage	Cooling
Load portion	100%
Total cooling load	31900 Btu/h
Sensible to total ratio	100%
Sensible, Latent	31900 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.4 gpm
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P2-1B ATENCION AL USUARIO

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	31900 Btu/h
Sensible to total ratio	100%
Sensible, Latent	31900 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	99%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.4 gpm
Thermodynamic factor	501.4 Btu·min/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P3-1A DESPACHO DEL ALCALDE

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	15000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	15000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	99%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	3 gpm
Thermodynamic factor	501.4 Btu·min/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P3-1B DESPACHO DEL ALCALDE

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**

Cooling coil	
Rows, Fins per inch	**2, 8**

Scenario 1 — Winter Heating

Scenario data not shown because the load is 0.

Scenario 2 — Summer Cooling

Usage	Cooling
Load portion	100%
Total cooling load	15000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	15000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	3 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P3-7 OFICINA

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1 — Winter Heating

Scenario data not shown because the load is 0.

Scenario 2 — Summer Cooling

Usage	Cooling
Load portion	100%
Total cooling load	12000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	12000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.4 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P3-12 SECRETARIA

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1 — Winter Heating

Scenario data not shown because the load is 0.

Scenario 2 — Summer Cooling

Usage	Cooling
Load portion	100%
Total cooling load	12000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	12000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**

Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.4 gpm
Thermodynamic factor	501.4 Btu m/gal °F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P3-2 OFICINA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1

Winter Heating

Scenario data not shown because the load is 0.

Scenario 2

Summer Cooling

Usage	Cooling
Load portion	100%
Total cooling load	6000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	6000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.2 gpm
Thermodynamic factor	501.4 Btu m/gal °F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P3-3 OFICINA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1

Winter Heating

Scenario data not shown because the load is 0.

Scenario 2

Summer Cooling

Usage	Cooling
Load portion	100%
Total cooling load	9000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	9000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.8 gpm
Thermodynamic factor	501.4 Btu m/gal °F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P3-4 SECRETARIA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal

Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	12000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	12000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.4 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

PS-5 RECEPCION

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	12000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	12000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.4 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

PS-8 SALA DE REUNION

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	24000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	24000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	**44°F, 10°F, 54°F**
Flow	**4.8 gpm**
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 9 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P3-8 OFICINA	
Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating
Scenario data not shown because the load is 0.	

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	6000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	6000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	**44°F, 10°F, 54°F**
Flow	**1.2 gpm**
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P3-9 OFICINA	
Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating
Scenario data not shown because the load is 0.	

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	6000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	6000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	**44°F, 10°F, 54°F**
Flow	**1.2 gpm**

Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P3-13 SECRETARIA SOCIAL

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	19000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	19000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	99%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	3.6 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P3-13 SALA DE REUNION

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	7500 Btu/h
Sensible to total ratio	100%
Sensible, Latent	7500 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.5 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P3-14A SECRETARIA SOCIAL

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical

Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	31400 Btu/h
Sensible to total ratio	100%
Sensible, Latent	31400 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.3 gpm
Thermodynamic factor	501.4 Btu·min/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P3-14b SECRETARIA SOCIAL

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	31400 Btu/h
Sensible to total ratio	100%
Sensible, Latent	31400 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.3 gpm
Thermodynamic factor	501.4 Btu·min/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P3-14c SECRETARIA SOCIAL

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	31400 Btu/h
Sensible to total ratio	100%
Sensible, Latent	31400 Btu/h, 0 Btu/h

Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.3 gpm
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P3: S SECRETARIA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	9000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	9000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.8 gpm
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P4: 2 SECRETARIA GENERAL

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	10600 Btu/h
Sensible to total ratio	100%
Sensible, Latent	10600 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.1 gpm
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P4-1A SECRETARIA DE PLANEACION

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	30200 Btu/h
Sensible to total ratio	100%
Sensible, Latent	30200 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	**6 gpm**
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P4-1B SECRETARIA DE PLANEACION

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	**0 amp**
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	30200 Btu/h
Sensible to total ratio	100%
Sensible, Latent	30200 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	**6 gpm**
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P4-3 SALA DE REUNION

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	**0 amp**
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**

Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	4000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	4000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	95%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 57°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	0.9 gpm
Thermodynamic factor	501.4 Btu·mg/al·°F
Component total head loss	11 ft
Coil (Design, Actual)	**6 ft, 0 ft**
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P4-4 SALA DE REUNION

Type	Horizontal, Exposed
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, **0 hp**
Motor speed	1750 rpm
Voltage/phase (Motor)	208V/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	8700 Btu/h
Sensible to total ratio	100%
Sensible, Latent	9700 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 57°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.9 gpm
Thermodynamic factor	501.4 Btu·mg/al·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 9 ft**
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P4-5 SALA DE REUNION

Type	Horizontal, Exposed
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208V/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	13900 Btu/h
Sensible to total ratio	100%
Sensible, Latent	13900 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 57°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O

Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.8 gpm
Thermodynamic factor	501.4 Btu·mf/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P4-7 VENTANILLA DE RADICACION

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	2580 Btu/h
Sensible to total ratio	100%
Sensible, Latent	2580 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 57°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	0.5 gpm
Thermodynamic factor	501.4 Btu·mf/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P4-8 SECRETARIA DE PLANEACION

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	45400 Btu/h
Sensible to total ratio	100%
Sensible, Latent	45400 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 57°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.1 gpm
Thermodynamic factor	501.4 Btu·mf/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P4-9A ARCHIVO

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal

Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208V/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	**Cooling**
Load portion	**100%**
Total cooling load	**12500 Btu/h**
Sensible to total ratio	**100%**
Sensible, Latent	**12500 Btu/h, 0 Btu/h**
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	**80°F, 67°F, 52.6%, 33.4 Btu/lb**
Target leaving air (Dry bulb)	**80°F**
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	**80°F, 67°F, 52.6%, 33.4 Btu/lb**
Airflow (System, Portion, Component)	**0 cfm, 100%, 0 cfm**
Component total external static pressure	**0 in. H2O**
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	**44°F, 10°F, 54°F**
Flow	**2.5 gpm**
Thermodynamic factor	**501.4 Btu·mgal·°F**
Component total head loss	**11 ft**
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P4 #2 ARCHIVO

Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	**Water, 1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208V/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	**Cooling**
Load portion	**100%**
Total cooling load	**12500 Btu/h**
Sensible to total ratio	**100%**
Sensible, Latent	**12500 Btu/h, 0 Btu/h**
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	**80°F, 67°F, 52.6%, 33.4 Btu/lb**
Target leaving air (Dry bulb)	**80°F**
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	**80°F, 67°F, 52.6%, 33.4 Btu/lb**
Airflow (System, Portion, Component)	**0 cfm, 100%, 0 cfm**
Component total external static pressure	**0 in. H2O**
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	**44°F, 10°F, 54°F**
Flow	**2.5 gpm**
Thermodynamic factor	**501.4 Btu·mgal·°F**
Component total head loss	**11 ft**
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P4-10A SEC GOBIERNO

Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	**Water, 1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208V/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	36700 Btu/h
Sensible to total ratio	100%
Sensible, Latent	36700 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	7.3 gpm
Thermodynamic factor	501.4 Btu·min/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 9 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P4-10B SEC GOBIERNO	
Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208V/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	None
Emergency power	No
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating
Scenario data not shown because the load is 0.	

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	36700 Btu/h
Sensible to total ratio	100%
Sensible, Latent	36700 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	7.3 gpm
Thermodynamic factor	501.4 Btu·min/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 9 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P4-10C SECRETARIA DE GOBIERTO	
Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208V/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	None
Emergency power	No
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating
Scenario data not shown because the load is 0.	

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	36700 Btu/h
Sensible to total ratio	100%
Sensible, Latent	36700 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	7.3 gpm

Thermodynamic factor	501.4 Btu-mr/gal-°F
Component total head loss	32 ft
Coil (Design, Actual)	5 ft, 6 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P4.11 SECRETARIA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	13400 Btu/h
Sensible to total ratio	100%
Sensible, Latent	13400 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 57°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.7 gpm
Thermodynamic factor	501.4 Btu-mr/gal-°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P5.2 SECRETARIA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	10700 Btu/h
Sensible to total ratio	100%
Sensible, Latent	10700 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 57°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.1 gpm
Thermodynamic factor	501.4 Btu-mr/gal-°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P5.1A SECRETARIA DE FOMENTO

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical

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Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	34200 Btu/h
Sensible to total ratio	100%
Sensible, Latent	34200 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.8 gpm
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P5-1A SECRETARIA DE INFRAESTRUCTURA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	30200 Btu/h
Sensible to total ratio	100%
Sensible, Latent	30200 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6 gpm
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P5-1B SECRETARIA DE FOMENTO

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	34200 Btu/h
Sensible to total ratio	100%
Sensible, Latent	34200 Btu/h, 0 Btu/h

Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	0.8 gpm
Thermodynamic factor	501.4 Btu mi/gal °F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

PS-1 SECRETARÍA DE INFRAESTRUCTURA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	30200 Btu/h
Sensible to total ratio	100%
Sensible, Latent	30200 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6 gpm
Thermodynamic factor	501.4 Btu mi/gal °F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

PS-3 SALA DE REUNIÓN

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	4600 Btu/h
Sensible to total ratio	100%
Sensible, Latent	4600 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	0.9 gpm
Thermodynamic factor	501.4 Btu mi/gal °F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

PS-1 SALA DE REUNION

Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208V/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	6700 Btu/h
Sensible to total ratio	100%
Sensible, Latent	6700 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.9 gpm
Thermodynamic factor	501.4 Btu·mV(gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

PS-1A SEC CONT INTERNO

Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208V/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	23100 Btu/h
Sensible to total ratio	100%
Sensible, Latent	23100 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	4.6 gpm
Thermodynamic factor	501.4 Btu·mV(gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

PS-6B SEC CONT INTERNO

Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208V/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**

Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	23100 Btu/h
Sensible to total ratio	100%
Sensible, Latent	23100 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	50°F
Dehumidification efficiency	96%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	**44°F, 10°F, 54°F**
Flow	4.6 gpm
Thermodynamic factor	501.4 Btu·min/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

PS-9C SECRETARÍA DE CONTROL INTERNO

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208V/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	23100 Btu/h
Sensible to total ratio	100%
Sensible, Latent	23100 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	50°F
Dehumidification efficiency	96%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	**44°F, 10°F, 54°F**
Flow	4.6 gpm
Thermodynamic factor	501.4 Btu·min/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

PS-7 SECRETARÍA

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208V/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 8**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	10000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	10000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	50°F
Dehumidification efficiency	96%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**

Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

PS-8A SEC ADMINISTRATIVA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8
Scenario 1	Winter Heating
Scenario data not shown because the load is 0.	
Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	33800 Btu/h
Sensible to total ratio	100%
Sensible, Latent	33800 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.7 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

PS-8B SEC ADMINISTRATIVA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8
Scenario 1	Winter Heating
Scenario data not shown because the load is 0.	
Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	33800 Btu/h
Sensible to total ratio	100%
Sensible, Latent	33800 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.7 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

PS-8C SECRETARIA ADMINISTRATIVA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal

Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	33800 Btu/h
Sensible to total ratio	100%
Sensible, Latent	33800 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.7 gpm
Thermodynamic factor	501.4 Btu•gal/°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 9 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

PS-9 SECRETARIA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	13300 Btu/h
Sensible to total ratio	100%
Sensible, Latent	13300 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.7 gpm
Thermodynamic factor	501.4 Btu•gal/°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 9 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

PS-9 SECRETARIA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	13300 Btu/h
Sensible to total ratio	100%
Sensible, Latent	13300 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.7 gpm
Thermodynamic factor	501.4 Btu·mgal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P6- 2 SECRETARIA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 8
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	11600 Btu/h
Sensible to total ratio	100%
Sensible, Latent	11600 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.3 gpm
Thermodynamic factor	501.4 Btu·mgal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P6-3 SALA DE REUNION

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 8
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	5700 Btu/h
Sensible to total ratio	100%
Sensible, Latent	5700 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.1 gpm

Thermodynamic factor	501.4 Btu·mrad/(h·ft²·°F)
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P6-4 PRENSA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208V/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	24200 Btu/h
Sensible to total ratio	100%
Sensible, Latent	24200 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 57°F, 90%, 24.5 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	4.8 gpm
Thermodynamic factor	501.4 Btu·mrad/(h·ft²·°F)
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P6-5 OFICINA

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208V/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	4300 Btu/h
Sensible to total ratio	100%
Sensible, Latent	4300 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 57°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	0.9 gpm
Thermodynamic factor	501.4 Btu·mrad/(h·ft²·°F)
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P6-7 SALA DE REUNION

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208V/1ph
Motor quantity	1
Electrical starter by	Electrical

Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	5700 Btu/h
Sensible to total ratio	100%
Sensible, Latent	5700 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	**95%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.1 gpm
Thermodynamic factor	501.4 Btu m/gal °F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P6-8A SEC FOMENTO

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	19900 Btu/h
Sensible to total ratio	100%
Sensible, Latent	19900 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	4 gpm
Thermodynamic factor	501.4 Btu m/gal °F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P6-8B SECRETARIA DE FOMENTO

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	19900 Btu/h
Sensible to total ratio	100%
Sensible, Latent	19900 Btu/h, 0 Btu/h

Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	99%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	4 gpm
Thermodynamic factor	501.4 Btu m/gal °F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P6-11A SEC DE LAS TECNOLOGIAS

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	No
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**2, 6**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	35400 Btu/h
Sensible to total ratio	100%
Sensible, Latent	35400 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	**99%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	7.1 gpm
Thermodynamic factor	501.4 Btu m/gal °F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P6-11B SEC DE LAS TECNOLOGIAS

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	No
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**2, 6**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	35400 Btu/h
Sensible to total ratio	100%
Sensible, Latent	35400 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	**99%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	7.1 gpm
Thermodynamic factor	501.4 Btu m/gal °F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

PB-11C SECRETARIA DE LAS TECNOLOGIAS

Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	35400 Btu/h
Sensible to total ratio	100%
Sensible, Latent	35400 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	**99%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	7.1 gpm
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 6 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

PT-1 RECEPCION

Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	4600 Btu/h
Sensible to total ratio	100%
Sensible, Latent	4600 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	0.9 gpm
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

PT-3A SEC JURIDICA

Type	**Horizontal, Exposed**
Location, Classification	**(Blank), New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**

Cooling coil	
Rows, Fins per inch	2, 6

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	7900 Btu/h
Sensible to total ratio	100%
Sensible, Latent	7900 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	**99%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.6 gpm
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

PT-3B SECRETARÍA JURÍDICA

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	7900 Btu/h
Sensible to total ratio	100%
Sensible, Latent	7900 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	**99%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	1.6 gpm
Thermodynamic factor	501.4 Btu·m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

PT-4A SEC CONTRATACIÓN

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	12600 Btu/h
Sensible to total ratio	100%
Sensible, Latent	12600 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**

Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.5 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P7-4B SECRETARIA DE CONTRATACION

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	12600 Btu/h
Sensible to total ratio	100%
Sensible, Latent	12600 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.5 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P7-5 SECRETARIA

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	11200 Btu/h
Sensible to total ratio	100%
Sensible, Latent	11200 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, **100%**, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	2.2 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

P7-6A SALA MULTIPLE

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**

Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	31900 Btu/h
Sensible to total ratio	100%
Sensible, Latent	31900 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.4 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P7-8B SALA MULTIPLE

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	31900 Btu/h
Sensible to total ratio	100%
Sensible, Latent	31900 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.4 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P7-8C SALA MULTIPLE

Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	31900 Btu/h
Sensible to total ratio	100%
Sensible, Latent	31900 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.4 gpm
Thermodynamic factor	501.4 Btu m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

P7-2D SALA MULTIPLE	
Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208V/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	31900 Btu/h
Sensible to total ratio	100%
Sensible, Latent	31900 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.4 gpm
Thermodynamic factor	501.4 Btu m/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

UMA-AE1	
Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208V/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	20000 Btu/h
Sensible to total ratio	100%
Sensible, Latent	20000 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	4 gpm

Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

UMA-AE2

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	34100 Btu/h
Sensible to total ratio	100%
Sensible, Latent	34100 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.8 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

UMA-AE3

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**None**
Emergency power	**No**
Electrical power by	**Electrical**
Fan speed (Actual, Preferred)	**Medium, High**
Actual airflow	**0 cfm**
Heating coil	
Rows, Fins per inch	**2, 6**
Cooling coil	
Rows, Fins per inch	**3, 8**

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	32800 Btu/h
Sensible to total ratio	100%
Sensible, Latent	32800 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	80°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	**0 in. H2O**
Return grille	**0 in. H2O**
Other	**0 in. H2O**
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.5 gpm
Thermodynamic factor	501.4 Btu·mi/gal·°F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

UMA-AE4

Type	**Horizontal, Exposed**
Location, Classification	(Blank), **New Equipment**
Cooling fluid type, Total volume	Water, **1 gal**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Total MCA	**0 amp**
Motor size, Brake horsepower	**0 hp, 0 hp**
Motor speed	**1750 rpm**
Voltage/phase (Motor)	**208v/1ph**
Motor quantity	**1**
Electrical starter by	**Electrical**

Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	40200 Btu/h
Sensible to total ratio	100%
Sensible, Latent	40200 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 57°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	8 gpm
Thermodynamic factor	501.4 Btu·mfgal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

UMA-AE5	
Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	31400 Btu/h
Sensible to total ratio	100%
Sensible, Latent	31400 Btu/h, 0 Btu/h
Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	90%
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 57°F, 52.6%, 33.4 Btu/lb
Airflow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	0 in. H2O
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	10°F, 54°F
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.9 gpm
Thermodynamic factor	501.4 Btu·mfgal·°F
Component total head loss	11 ft
Coil (Design, Actual)	5 ft, 0 ft
Balancing valve	3 ft
Control valve	3 ft
Other	0 ft

UMA-AE6	
Type	Horizontal, Exposed
Location, Classification	(Blank), New Equipment
Cooling fluid type, Total volume	Water, 1 gal
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Total MCA	0 amp
Motor size, Brake horsepower	0 hp, 0 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/1ph
Motor quantity	1
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	None
Emergency power	No
Electrical power by	Electrical
Fan speed (Actual, Preferred)	Medium, High
Actual airflow	0 cfm
Heating coil	
Rows, Fins per inch	2, 6
Cooling coil	
Rows, Fins per inch	3, 8

Scenario 1	Winter Heating

Scenario data not shown because the load is 0.

Scenario 2	Summer Cooling
Usage	Cooling
Load portion	100%
Total cooling load	31400 Btu/h
Sensible to total ratio	100%
Sensible, Latent	31400 Btu/h, 0 Btu/h

Entering air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	80°F, 67°F, 52.6%, 33.4 Btu/lb
Target leaving air (Dry bulb)	60°F
Dehumidification efficiency	**90%**
Leaving air (Dry bulb, Wet bulb, Relative humidity, Enthalpy)	60°F, 57°F, 92.6%, 33.4 Btu/lb
Air flow (System, Portion, Component)	0 cfm, 100%, 0 cfm
Component total external static pressure	0 in. H2O
Fan coil ductwork	**0 in. H2O**
Supply diffuser	0 in. H2O
Return grille	0 in. H2O
Other	0 in. H2O
Hydronic	
Target temperature (Change, Leaving)	**10°F, 54°F**
Temperature (Entering, Change, Leaving)	44°F, 10°F, 54°F
Flow	6.3 gpm
Thermodynamic factor	501.4 Btu mi/gal °F
Component total head loss	11 ft
Coil (Design, Actual)	**5 ft, 0 ft**
Balancing valve	**3 ft**
Control valve	**3 ft**
Other	**0 ft**

Joint, Expansion, Pipe

EJTP-1

Type, Location, Classification	**Flexible Ball, (Blank), New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Stainless Steel**
Pipe size, Connection size	3", 3"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2 — Summer Cooling

Flow	92 gpm
Component total head loss	0.1 ft
Joint (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 855
Other	**0 ft**

EJTP-2

Type, Location, Classification	**Flexible Ball, (Blank), New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Stainless Steel**
Pipe size, Connection size	3", 3"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2 — Summer Cooling

Flow	92 gpm
Component total head loss	0.1 ft
Joint (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 855
Other	**0 ft**

EJTP-3

Type, Location, Classification	**Flexible Ball, (Blank), New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Stainless Steel**
Pipe size, Connection size	3", 3"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2 — Summer Cooling

Flow	92 gpm
Component total head loss	0.1 ft
Joint (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 855
Other	**0 ft**

EJTP-4

Type, Location, Classification	**Flexible Ball, (Blank), New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Stainless Steel**
Pipe size, Connection size	3", 3"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2 — Summer Cooling

Flow	92 gpm
Component total head loss	0.1 ft
Joint (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 855
Other	**0 ft**

EJTP-5

Type, Location, Classification	**Flexible Ball, (Blank), New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Stainless Steel**
Pipe size, Connection size	3", 3"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2 — Summer Cooling

Flow	92 gpm
Component total head loss	0.1 ft
Joint (Head loss, K factor, Cv factor)	0.3 ft, 0.1, 855

Other	0 ft

EJTP-6

Type, Location, Classification	Flexible Ball, (Blank), New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Stainless Steel
Pipe size, Connection size	3", 3"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2 — Summer Cooling

Flow	92 gpm
Component total head loss	0.1 ft
Joint (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 65
Other	0 ft

Pump

BAF-01

Type, Location, Classification	KS Series (Vertical, Split-Coupled, In-Line), (Blank), New Equipment
Fluid type, Volume	Water, 5 gal
Adjust head loss for cold start	No
Automatic selection	Yes
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Motor size, Brake horsepower (Estimated, Actual)	0 hp, 9.67 hp, 9.67 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	208v/3ph
Electrical starter by	Electrical
Electrical disconnect by	Electrical
Electrical VFD by	Electrical
Emergency power	No
Electrical power by	Electrical
Efficiency	70%
NPSHR	0 ft
Construction, casing/impeller (Selection, Actual)	Any, Iron / Bronze
Suction size, Discharge size	0", 0"
Pipe size (Suction side, Discharge side)	6", 6"
Suction diffuser (suction size), Grooved, Model	No, No, (Blank)
Suction diffuser (discharge side), Grooved, Model	Yes, No, (Blank)

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2 — Summer Cooling

Maximum system temperature	44°F
Flow portion	100%
Flow (System, Component)	276.1 gpm, 276.1 gpm
Component total head loss	17 ft
Balancing valve	8 ft
Control valve	0 ft
Venturi	0 ft
Miscellaneous valves	6 ft
Suction diffuser	3 ft
Other	0 ft
Component fluid head loss factor	1
Head loss (System major components, System minor components, System piping, Total)	58 ft, 23.1 ft, 15.9 ft, 97 ft

System major components head loss summary

BAF-01 (Balancing Valve)	8 ft
BAF-01 (Control Valve)	0 ft
BAF-01 (Venturi)	0 ft
BAF-01 (Miscellaneous Valves)	6 ft
BAF-01 (Suction Diffuser)	3 ft
CH-3 (Chiller, Air-Cooled)	20 ft
CH-3 (Balancing Valve)	0 ft
CH-3 (Control Valve)	0 ft
P1-4 DISPONIBLE (Fan Coil)	15 ft
P1-4 DISPONIBLE (Balancing Valve)	3 ft
P1-4 DISPONIBLE (Control Valve)	3 ft

System minor components head loss summary

BV-4 (Valve, Balancing)	0.1 ft
CV-C-P1-4 DISPONIBLE (Valve, Control, 2-Way)	21 ft
EJTP-5 (Joint, Expansion, Pipe)	0.1 ft
EJTP-6 (Joint, Expansion, Pipe)	0.1 ft
MPV-BAF-01 (Valve, Multiple-Purpose)	1.1 ft
V-1 (Valve, Manual)	0.1 ft
V-2 (Valve, Manual)	0.1 ft
V-53 (Valve, Manual)	0.2 ft
V-54 (Valve, Manual)	0.2 ft
V-BAF-01 (Valve, Manual)	0.1 ft
V-C-P1-4 DISPONIBLE 1 (Valve, Manual)	0.1 ft
V-C-P1-4 DISPONIBLE 2 (Valve, Manual)	0.1 ft

System piping head loss summary

PIPE-1 (Pipe, Hydronic)	0.1 ft
PIPE-17 (Pipe, Hydronic)	0 ft
PIPE-175 (Pipe, Hydronic)	0.4 ft
PIPE-176 (Pipe, Hydronic)	0.5 ft
PIPE-18 (Pipe, Hydronic)	0 ft
PIPE-181 (Pipe, Hydronic)	0 ft
PIPE-182 (Pipe, Hydronic)	0 ft
PIPE-187 (Pipe, Hydronic)	0 ft
PIPE-188 (Pipe, Hydronic)	0 ft
PIPE-189 (Pipe, Hydronic)	0 ft
PIPE-19 (Pipe, Hydronic)	0 ft
PIPE-191 (Pipe, Hydronic)	0 ft
PIPE-194 (Pipe, Hydronic)	0 ft
PIPE-199 (Pipe, Hydronic)	0.5 ft
PIPE-2 (Pipe, Hydronic)	0.1 ft
PIPE-21 (Pipe, Hydronic)	1.6 ft
PIPE-22 (Pipe, Hydronic)	0.2 ft
PIPE-24 (Pipe, Hydronic)	0.4 ft
PIPE-25 (Pipe, Hydronic)	0.2 ft
PIPE-26 (Pipe, Hydronic)	0.7 ft
PIPE-28 (Pipe, Hydronic)	0.4 ft
PIPE-30 (Pipe, Hydronic)	0.7 ft
PIPE-317 (Pipe, Hydronic)	0.4 ft
PIPE-374 (Pipe, Hydronic)	0.7 ft
PIPE-375 (Pipe, Hydronic)	0.1 ft
PIPE-378 (Pipe, Hydronic)	0.1 ft
PIPE-381 (Pipe, Hydronic)	0 ft
PIPE-416 (Pipe, Hydronic)	0.5 ft
PIPE-43 (Pipe, Hydronic)	3.7 ft
PIPE-44 (Pipe, Hydronic)	0 ft
PIPE-5 (Pipe, Hydronic)	0.3 ft
PIPE-6 (Pipe, Hydronic)	0 ft
PIPE-61 (Pipe, Hydronic)	0.3 ft
PIPE-62 (Pipe, Hydronic)	0 ft
PIPE-9 (Pipe, Hydronic)	0.5 ft
PIPE-93 (Pipe, Hydronic)	0.5 ft
PIPE-95 (Pipe, Hydronic)	0.5 ft

BAF-02

Type, Location, Classification	KS Series (Vertical, Split-Coupled, In-Line), (Blank), New Equipment
Fluid type, Volume	Water, 5 gal
Adjust head loss for cold start	No

Automatic selection	**Yes**
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Motor size, Brake horsepower (Estimated, Actual)	0 hp, 9.67 hp, 9.67 hp
Motor speed	1750 rpm
Voltage/phase (Motor)	**208 V/3ph**
Electrical starter by	**Electrical**
Electrical disconnect by	**Electrical**
Electrical VFD by	**Electrical**
Emergency power	**No**
Electrical power by	**Electrical**
Efficiency	70%
NPSHR	**0 ft**
Construction, casing/impeller (Selection, Actual)	**Any**, Iron / Bronze
Suction size, Discharge size	6", 6"
Pipe size (Suction side, Discharge side)	6", 6"
Suction diffuser (suction side), Grooved, Model	**Yes**, No, (Blank)
Suction diffuser (discharge side), Grooved, Model	**No**, No, (Blank)

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling

Minimum system temperature	44°F
Flow portion	100%
Flow (System, Component)	276.1 gpm, 276.1 gpm
Circuit/part total head loss	17 ft
Balancing valve	**3 ft**
Control valve	**0 ft**
Venturi	**0 ft**
Miscellaneous valves	**6 ft**
Suction diffuser	**3 ft**
Other	**0 ft**
Component fluid head loss factor	1
Head loss (System major components, System minor components)	58 ft, 23.1 ft, 15.9 ft, 97 ft
System piping, Total)	

System major components head loss summary

BAF-02 (Balancing Valve)	3 ft
BAF-02 (Control Valve)	0 ft
BAF-02 (Venturi)	0 ft
BAF-02 (Miscellaneous Valves)	6 ft
BAF-02 (Suction Diffuser)	3 ft
CH-1 (Chiller, Air Cooled)	20 ft
CH-1 (Balancing Valve)	0 ft
CH-1 (Control Valve)	0 ft
P1-4 DISPONIBLE (Pair Coil)	15 ft
P1-4 DISPONIBLE (Balancing Valve)	3 ft
P1-4 DISPONIBLE (Control Valve)	3 ft

System minor components head loss summary

BV-4 (Valve, Balancing)	0.1 ft
CV-C-P1-4 DISPONIBLE (Valve, Control, 2-Way)	21 ft
EJTP-1 (Joint, Expansion, Pipe)	0.1 ft
EJTP-2 (Joint, Expansion, Pipe)	0.1 ft
MPV-BAF-02 (Valve, Multiple-Purpose)	1.1 ft
V-1 (Valve, Manual)	0.1 ft
V-2 (Valve, Manual)	0.1 ft
V-42 (Valve, Manual)	0.2 ft
V-50 (Valve, Manual)	0.2 ft
V-BAF-02 (Valve, Manual)	0.1 ft
V-C-P1-4 DISPONIBLE 1 (Valve, Manual)	0.1 ft
V-C-P1-4 DISPONIBLE 2 (Valve, Manual)	0.1 ft

System piping head loss summary

PIPE-10 (Pipe, Hydronic)	0 ft
PIPE-17 (Pipe, Hydronic)	0 ft
PIPE-175 (Pipe, Hydronic)	0.4 ft
PIPE-176 (Pipe, Hydronic)	0.5 ft
PIPE-177 (Pipe, Hydronic)	0 ft
PIPE-178 (Pipe, Hydronic)	0 ft
PIPE-18 (Pipe, Hydronic)	0 ft
PIPE-183 (Pipe, Hydronic)	0 ft
PIPE-184 (Pipe, Hydronic)	0 ft
PIPE-19 (Pipe, Hydronic)	0 ft
PIPE-190 (Pipe, Hydronic)	0 ft
PIPE-192 (Pipe, Hydronic)	0 ft
PIPE-194 (Pipe, Hydronic)	0 ft
PIPE-199 (Pipe, Hydronic)	0.5 ft
PIPE-20 (Pipe, Hydronic)	0.1 ft
PIPE-21 (Pipe, Hydronic)	1.8 ft
PIPE-22 (Pipe, Hydronic)	0.2 ft
PIPE-24 (Pipe, Hydronic)	0.4 ft
PIPE-26 (Pipe, Hydronic)	0.2 ft
PIPE-28 (Pipe, Hydronic)	3.7 ft
PIPE-3 (Pipe, Hydronic)	0 ft
PIPE-30 (Pipe, Hydronic)	0.4 ft
PIPE-317 (Pipe, Hydronic)	0.7 ft
PIPE-374 (Pipe, Hydronic)	0.4 ft
PIPE-375 (Pipe, Hydronic)	0.7 ft
PIPE-378 (Pipe, Hydronic)	0.1 ft
PIPE-381 (Pipe, Hydronic)	0.1 ft
PIPE-4 (Pipe, Hydronic)	0.1 ft
PIPE-416 (Pipe, Hydronic)	0 ft
PIPE-43 (Pipe, Hydronic)	0.9 ft
PIPE-44 (Pipe, Hydronic)	3.7 ft
PIPE-6 (Pipe, Hydronic)	0.3 ft
PIPE-60 (Pipe, Hydronic)	0 ft
PIPE-62 (Pipe, Hydronic)	0.5 ft
PIPE-8 (Pipe, Hydronic)	0 ft
PIPE-9 (Pipe, Hydronic)	0 ft
PIPE-93 (Pipe, Hydronic)	0.5 ft
PIPE-95 (Pipe, Hydronic)	0.5 ft

Valve, Balancing

BV-1

Type, Location, Classification	**Accu-Flo (Manual, Straight)**, **(Blank)**, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**Yes**
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction (Selection, Actual)	**All**, Bronze
Pipe size, Connection size	3", 3"
Connection type (Selection, Actual)	**All**, Thread

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling

Flow	65.9 gpm
Differential pressure (Design, Actual)	**5 ft**, **0 ft**
Component total head loss	0.2 ft
Balancing valve, design (Head loss, K factor, Cv factor, Pressure drop)	0.2 ft, 1.17, 246, 0.1 psi
Balancing valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

BV-2

Type, Location, Classification	**Accu-Flo (Manual, Straight)**, **(Blank)**, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**Yes**
Manufacturer, Model	(Blank), (Blank)

Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction (Selection, Actual)	All, Bronze
Pipe size, Connection size	2.5", 2.5"
Connection type (Selection, Actual)	All, Thread

Scenario 1	Winter, Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer, Cooling
Flow	58.2 gpm
Differential pressure (Design, Actual)	5 ft, 0 ft
Component total head loss	0.5 ft
Balancing valve, design (Head loss, K factor, Cv factor, Pressure drop)	0.5 ft, 1.15, 124.4, 0.1 psi
Balancing valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

BV-3

Type, Location, Classification	**Accu-Flo (Manual, Straight), (Blank), New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	Yes
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction (Selection, Actual)	All, Bronze
Pipe size, Connection size	2", 2"
Connection type (Selection, Actual)	All, Thread

Scenario 1	Winter, Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer, Cooling
Flow	28.1 gpm
Differential pressure (Design, Actual)	5 ft, 0 ft
Component total head loss	0.2 ft
Balancing valve, design (Head loss, K factor, Cv factor, Pressure drop)	0.2 ft, 1.29, 165.1, 0.1 psi
Balancing valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

BV-4

Type, Location, Classification	**Accu-Flo (Manual, Straight), (Blank), New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	Yes
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction (Selection, Actual)	All, Bronze
Pipe size, Connection size	1", 1"
Connection type (Selection, Actual)	All, Thread

Scenario 1	Winter, Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer, Cooling
Flow	5.4 gpm
Differential pressure (Design, Actual)	5 ft, 0 ft
Component total head loss	0.1 ft
Balancing valve, design (Head loss, K factor, Cv factor, Pressure drop)	0.1 ft, 1.63, 22.4, 0.1 psi
Balancing valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

BV-5

Type, Location, Classification	**Accu-Flo (Manual, Straight), (Blank), New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	Yes
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction (Selection, Actual)	All, Bronze
Pipe size, Connection size	3", 3"
Connection type (Selection, Actual)	All, Thread

Scenario 1	Winter, Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer, Cooling
Flow	63.8 gpm
Differential pressure (Design, Actual)	5 ft, 0 ft
Component total head loss	0.2 ft
Balancing valve, design (Head loss, K factor, Cv factor, Pressure drop)	0.2 ft, 1.17, 248.3, 0.1 psi
Balancing valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

BV-6

Type, Location, Classification	**Accu-Flo (Manual, Straight), (Blank), New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	Yes
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction (Selection, Actual)	All, Bronze
Pipe size, Connection size	2.5", 2.5"
Connection type (Selection, Actual)	All, Thread

Scenario 1	Winter, Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer, Cooling
Flow	62.5 gpm
Differential pressure (Design, Actual)	5 ft, 0 ft
Component total head loss	0.3 ft
Balancing valve, design (Head loss, K factor, Cv factor, Pressure drop)	0.3 ft, 1.15, 175.7, 0.1 psi
Balancing valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

SV-7	
Type, Location, Classification	**Accu-Flo (Manual, Straight), (Blank), New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**Yes**
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction (Selection, Actual)	**All**, Bronze
Pipe size, Connection size	2.5", **2.5"**
Connection type (Selection, Actual)	**All**, Thread

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	45.2 gpm
Differential pressure (Design, Actual)	**5 ft**, 9 ft
Component total head loss	0.2 ft
Balancing valve, design (Head loss, K factor, Cv factor, Pressure drop)	0.2 ft, 1.21, 160.8, 0.1 psi
Balancing valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

Valve, Control 2-Way

CV-C-P1-2 MANTENIMIENTO	
Type, Location, Classification	**Ball**, P1-2 MANTENIMIENTO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.8 gpm, 1.8 gpm
Component total head loss	21 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	21 ft, 157.14, 0.6, 9.1 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	**0 ft**

CV-C-P1-3 SERVICIO GENERALES	
Type, Location, Classification	**Ball**, P1-3 SERVICIO GENERALES, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.8 gpm, 1.8 gpm
Component total head loss	21 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	21 ft, 157.14, 0.6, 9.1 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	**0 ft**

CV-C-P1-4 DISPONIBLE	
Type, Location, Classification	**Ball**, P1-4 DISPONIBLE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.8 gpm, 1.8 gpm
Component total head loss	21 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	21 ft, 157.14, 0.6, 9.1 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	**0 ft**

CV-C-P2-1 ARCHIVO GENERAL	
Type, Location, Classification	**Ball**, P2-1 ARCHIVO GENERAL, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	**Electrical**

Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	4.8 gpm, 4.8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 58.8, 2.2, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P2-2 MODULOS DE TRABAJO

Type, Location, Classification	Ball, P2- 2 MODULOS DE TRABAJO, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.5 gpm, 1.5 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 116.53, 0.7, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P2-1 SECRETARIA

Type, Location, Classification	Ball, P2- 2 SECRETARIA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2.3 gpm, 2.3 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 52.21, 1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P2- 3 ENFERMERIA

Type, Location, Classification	Ball, P2- 3 ENFERMERIA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.5 gpm, 1.5 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 116.53, 0.7, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P2-4 SALA AMIGA

Type, Location, Classification	Ball, P2-4 SALA AMIGA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.8 gpm, 1.8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 82.31, 0.8, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P2-5 OFICINA SINDICATO

Type, Location, Classification	Ball, P2-5 OFICINA SINDICATO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.8 gpm, 1.8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 82.31, 0.8, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P2-6A ATENCION AL USUARIO

Type, Location, Classification	Ball, P2-6A ATENCION AL USUARIO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.4 gpm, 6.4 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 105.16, 2.9, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P2-6B ATENCION AL USUARIO

Type, Location, Classification	**Ball**, P2-6B ATENCION AL USUARIO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.4 gpm, 6.4 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 105.16, 2.9, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

CV-C-P3- 1A DESPACHO DEL ALCALDE

Type, Location, Classification	**Ball**, P3- 1A DESPACHO DEL ALCALDE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	3 gpm, 3 gpm
Component total head loss	**11 ft**
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 150.01, 1.4, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

CV-C-P3- 18 DESPACHO DEL ALCALDE

Type, Location, Classification	Ball, P3- 18 DESPACHO DEL ALCALDE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	3 gpm, 3 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 150.01, 1.4, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

CV-C-P3- 7 OFICINA

Type, Location, Classification	Ball, P3- 7 OFICINA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2.4 gpm, 2.4 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 46.3, 1.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

CV-C-P3- 12 SECRETARIA

Type, Location, Classification	Ball, P3- 12 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.2 gpm, 1.2 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 185.2, 0.5, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

CV-C-P3-2 OFICINA

Type, Location, Classification	Ball, P3-2 OFICINA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.2 gpm, 1.2 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 185.2, 0.5, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

CV-C-P3-3 OFICINA

Type, Location, Classification	Ball, P3-3 OFICINA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**

Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2 — Summer Cooling

Flow portion	100%
Flow (System, Component)	1.8 gpm, 1.8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 62.01, 3.8, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P3-4 SECRETARIA

Type, Location, Classification	Ball, P3-4 SECRETARIA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2 — Summer Cooling

Flow portion	100%
Flow (System, Component)	2.4 gpm, 2.4 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 46.3, 1.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P3-5 RECEPCION

Type, Location, Classification	Ball, P3-5 RECEPCION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2 — Summer Cooling

Flow portion	100%
Flow (System, Component)	2.4 gpm, 2.4 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 46.3, 1.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P3-6 SALA DE REUNION

Type, Location, Classification	Ball, P3-6 SALA DE REUNION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1", 0.75"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2 — Summer Cooling

Flow portion	100%
Flow (System, Component)	4.8 gpm, 4.8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 58.6, 2.2, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P3-8 OFICINA

Type, Location, Classification	Ball, P3-8 OFICINA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.2 gpm, 1.2 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 185.2, 0.6, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P3-9 OFICINA

Type, Location, Classification	Ball, P3-9 OFICINA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.2 gpm, 1.2 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 185.2, 0.6, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P3-11 SECRETARIA SOCIAL

Type, Location, Classification	Ball, P3-11 SECRETARIA SOCIAL, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	3.8 gpm, 3.8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 104.17, 1.8, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P3-13 SALA DE REUNION

Type, Location, Classification	Ball, P3-13 SALA DE REUNION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.5 gpm, 1.5 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 118.53, 0.7, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P3-14A SECRETARIA SOCIAL

Type, Location, Classification	Ball, P3-14A SECRETARIA SOCIAL, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.3 gpm, 6.3 gpm
Component total head loss	11 ft

Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 108.54, 2.9, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P3-14B SECRETARIA SOCIAL

Type, Location, Classification	**Ball, P3-14B SECRETARIA SOCIAL, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.3 gpm, 6.3 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 108.54, 2.9, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P3-14C SECRETARIA SOCIAL

Type, Location, Classification	**Ball, P3-14C SECRETARIA SOCIAL, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.3 gpm, 6.3 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 108.54, 2.9, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P3-15 SECRETARIA

Type, Location, Classification	**Ball, P3-15 SECRETARIA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.8 gpm, 1.8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 82.21, 0.8, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P4- 2 SECRETARIA GENERAL

Type, Location, Classification	**Ball, P4- 2 SECRETARIA GENERAL, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2.1 gpm, 2.1 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 98.04, 1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P4-1A SECRETARIA DE PLANEACION

Type, Location, Classification	**Ball, P4-1A SECRETARIA DE PLANEACION, New Equipment**

Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6 gpm, 6 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 116.96, 2.8, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P4-1B SECRETARIA DE PLANEACION

Type, Location, Classification	**Ball**, P4-1B SECRETARIA DE PLANEACION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6 gpm, 6 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 116.96, 2.8, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P4-3 SALA DE REUNION

Type, Location, Classification	**Ball**, P4-3 SALA DE REUNION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.5", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	0.9 gpm, 0.9 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 315.08, 0.4, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P4-4 SALA DE REUNION

Type, Location, Classification	**Ball**, P4-4 SALA DE REUNION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.9 gpm, 1.9 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 70.86, 0.9, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P4-5 SALA DE REUNION

Type, Location, Classification	**Ball**, P4-5 SALA DE REUNION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**

Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2.8 gpm, 2.8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 174.89, 1.3, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0 psi
Other	**0 ft**

CV-C-P4-7 VENTANILLA DE RADICACION

Type, Location, Classification	**Ball**, P4-7 VENTANILLA DE RADICACION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.5", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	0.5 gpm, 0.5 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 1066.74, 0.2, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	**0 ft**

CV-C-P4-8 SECRETARIA DE PLANEACION

Type, Location, Classification	**Ball**, P4-8 SECRETARIA DE PLANEACION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	9.1 gpm, 9.1 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 51.75, 4.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

CV-C-P4-9A ARCHIVO

Type, Location, Classification	**Ball**, P4-9A ARCHIVO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2.5 gpm, 2.5 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 42.67, 1.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

CV-C-P4-9B ARCHIVO

Type, Location, Classification	**Ball**, P4-9B ARCHIVO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling

Flow portion	100%
Flow (System, Component)	2.5 gpm, 2.5 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 42.67, 1.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P4-10A SEC GOBIERNO

Type, Location, Classification	Ball, P4-10A SEC GOBIERNO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	7.3 gpm, 7.3 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 79.03, 3.4, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P4-10B SEC GOBIERNO

Type, Location, Classification	Ball, P4-10B SEC GOBIERNO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	7.3 gpm, 7.3 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 79.03, 3.4, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P4-10C SECRETARIA DE GOBIERTO

Type, Location, Classification	Ball, P4-10C SECRETARIA DE GOBIERTO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	7.3 gpm, 7.3 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 79.03, 3.4, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P4-11 SECRETARIA

Type, Location, Classification	Ball, P4-11 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2.7 gpm, 2.7 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 37.13, 1.2, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P5- 2 SECRETARIA	
Type, Location, Classification	Ball, P5- 2 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2.1 gpm, 2.1 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 58.22, 1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P5-1A SECRETARIA DE FOMENTO	
Type, Location, Classification	Ball, P5-1A SECRETARIA DE FOMENTO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.8 gpm, 6.8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 91.2, 3.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P5-1A SECRETARIA DE INFRAESTRUCTURA	
Type, Location, Classification	Ball, P5-1A SECRETARIA DE INFRAESTRUCTURA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6 gpm, 6 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 118.96, 2.8, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P5-1B SECRETARIA DE FOMENTO	
Type, Location, Classification	Ball, P5-1B SECRETARIA DE FOMENTO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.8 gpm, 6.8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 91.2, 3.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P5-1B SECRETARIA DE INFRAESTRUCTURA	
Type, Location, Classification	Ball, P5-1B SECRETARIA DE INFRAESTRUCTURA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**

Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6 gpm, 6 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 118.96, 2.8, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P5-3 SALA DE REUNION

Type, Location, Classification	Ball, P5-3 SALA DE REUNION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.5", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	0.9 gpm, 0.9 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 315.08, 0.4, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P5-4 SALA DE REUNION

Type, Location, Classification	Ball, P5-4 SALA DE REUNION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.9 gpm, 1.9 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 70.86, 0.9, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P5-6A SEC CONT INTERNO

Type, Location, Classification	Ball, P5-6A SEC CONT INTERNO, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	4.8 gpm, 4.8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 63.28, 2.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P5-6B SEC CONT INTERNO

Type, Location, Classification	Ball, P5-6B SEC CONT INTERNO, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze

Pipe size, Connection size	1", 0.75"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	4.6 gpm, 4.6 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 83.25, 2.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-PS-6C SECRETARIA DE CONTROL INTERNO

Type, Location, Classification	**Ball, PS-6C SECRETARIA DE CONTROL INTERNO, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1", 0.75"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	4.6 gpm, 4.6 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 83.25, 2.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-PS-7 SECRETARIA

Type, Location, Classification	**Ball, PS-7 SECRETARIA, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2 gpm, 2 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 66.67, 0.9, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-PS-8A SEC ADMINISTRATIVA

Type, Location, Classification	**Ball, PS-8A SEC ADMINISTRATIVA, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.7 gpm, 6.7 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 93.15, 3.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-PS-8B SEC ADMINISTRATIVA

Type, Location, Classification	**Ball, PS-8B SEC ADMINISTRATIVA, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow portion	100%

Flow (System, Component)	6.7 gpm, 6.7 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 93.15, 3.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-PS-5C SECRETARIA ADMINISTRATIVA

Type, Location, Classification	Ball, PS-5C SECRETARIA ADMINISTRATIVA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.7 gpm, 6.7 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 93.15, 3.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-PS-5 SECRETARIA

Type, Location, Classification	Ball, PS-5 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2.7 gpm, 2.7 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 37.58, 1.2, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

Other	0 ft

CV-C-PS-9 SECRETARIA

Type, Location, Classification	Ball, PS-9 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2.7 gpm, 2.7 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 37.58, 1.2, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P6-2 SECRETARIA

Type, Location, Classification	Ball, P6-2 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2.3 gpm, 2.3 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 49.55, 1.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P6-3 SALA DE REUNION

Type, Location, Classification	Ball, P6-3 SALA DE REUNION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.5", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.1 gpm, 1.1 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 205.21, 0.5, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P6-4 PRENSA

Type, Location, Classification	Ball, P6-4 PRENSA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	4.8 gpm, 4.8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 57.62, 2.2, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P6-5 OFICINA

Type, Location, Classification	Ball, P6-5 OFICINA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.5", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	0.9 gpm, 0.9 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 360.56, 0.4, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P6-7 SALA DE REUNION

Type, Location, Classification	Ball, P6-7 SALA DE REUNION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.5", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.1 gpm, 1.1 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 205.21, 0.5, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P6-8A SEC FOMENTO

Type, Location, Classification	Ball, P6-8A SEC FOMENTO, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical

Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	4 gpm, 4 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 85.68, 1.8, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P6-8B SECRETARIA DE FOMENTO

Type, Location, Classification	Ball, P6-8B SECRETARIA DE FOMENTO, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	4 gpm, 4 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 85.68, 1.8, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P6-11A SEC DE LAS TECNOLOGIAS

Type, Location, Classification	Ball, P6-11A SEC DE LAS TECNOLOGIAS, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	7.1 gpm, 7.1 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 85.37, 3.2, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P6-11B SEC DE LAS TECNOLOGIAS

Type, Location, Classification	Ball, P6-11B SEC DE LAS TECNOLOGIAS, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	7.1 gpm, 7.1 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 85.37, 3.2, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P6-11C SECRETARIA DE LAS TECNOLOGIAS

Type, Location, Classification	Ball, P6-11C SECRETARIA DE LAS TECNOLOGIAS, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	7.1 gpm, 7.1 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 85.37, 3.2, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P7-1 RECEPCION

Type, Location, Classification	**Ball**, P7-1 RECEPCION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.5", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	0.9 gpm, 0.9 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 315.06, 0.4, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P7-3A SEC JURIDICA

Type, Location, Classification	**Ball**, P7-3A SEC JURIDICA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.6 gpm, 1.6 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 108.19, 0.7, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P7-3B SECRETARIA JURIDICA

Type, Location, Classification	**Ball**, P7-3B SECRETARIA JURIDICA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	1.6 gpm, 1.6 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 108.19, 0.7, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P7-4A SEC CONTRATACION

Type, Location, Classification	**Ball**, P7-4A SEC CONTRATACION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	**No**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2.5 gpm, 2.5 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 41.01, 1.2, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi

Other	0 ft

CV-C-P7-4B SECRETARIA DE CONTRATACION

Type, Location, Classification	Ball, P7-4B SECRETARIA DE CONTRATACION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2.5 gpm, 2.5 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 41.01, 1.2, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P7-5 SECRETARIA

Type, Location, Classification	Ball, P7-5 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	0.75", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	2.2 gpm, 2.2 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 53.15, 1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P7-6A SALA MULTIPLE

Type, Location, Classification	Ball, P7-6A SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.4 gpm, 6.4 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 104.99, 2.9, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P7-6B SALA MULTIPLE

Type, Location, Classification	Ball, P7-6B SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Emergency power	No
Electrical power by	Electrical
Control circuit voltage/phase	24v/1ph
Pressure rating	150 psig
Control type	Modulating
Actuator	Electronic
Construction	Bronze
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.4 gpm, 6.4 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 104.99, 2.9, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C-P7-6C SALA MULTIPLE

Type, Location, Classification	Ball, P7-6C SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**

Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.4 gpm, 6.4 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 104.99, 2.9, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

CV-C-P7-6D SALA MULTIPLE

Type, Location, Classification	**Ball**, P7-6D SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.4 gpm, 6.4 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 104.99, 2.9, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

CV-C-UMA-AE1

Type, Location, Classification	**Ball**, UMA-AE1, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	4 gpm, 4 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 84.58, 1.8, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

CV-C-UMA-AE2

Type, Location, Classification	**Ball**, UMA-AE2, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.8 gpm, 6.8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 91.88, 3.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	**0 ft**, 0, 0, 0 psi
Other	**0 ft**

CV-C-UMA-AE3

Type, Location, Classification	**Ball**, UMA-AE3, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**

Pipe size, Connection size	1.25", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.5 gpm, 6.5 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 99.46, 3, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C.UMA-AE4

Type, Location, Classification	**Ball, UMA-AE4, New Equipment**
Fluid type, Volume	**Water, 0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	**1.25", 1"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	8 gpm, 8 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 65.78, 3.7, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C.UMA-AE5

Type, Location, Classification	**Ball, UMA-AE5, New Equipment**
Fluid type, Volume	**Water, 0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	**1.25", 1"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	6.9 gpm, 6.9 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 90.41, 3.1, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

CV-C.UMA-AE6

Type, Location, Classification	**Ball, UMA-AE6, New Equipment**
Fluid type, Volume	**Water, 0.1 gal**
Head loss calculation method	**Automatic**
Automatic selection	No
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Emergency power	**No**
Electrical power by	**Electrical**
Control circuit voltage/phase	**24v/1ph**
Pressure rating	**150 psig**
Control type	**Modulating**
Actuator	**Electronic**
Construction	**Bronze**
Pipe size, Connection size	**1.25", 1"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow portion	100%
Flow (System, Component)	8.3 gpm, 8.3 gpm
Component total head loss	11 ft
Control valve, design (Head loss, K factor, Cv factor, Pressure drop)	11 ft, 106.19, 2.9, 4.8 psi
Control valve, actual (Head loss, K factor, Cv factor, Pressure drop)	0 ft, 0, 0, 0 psi
Other	0 ft

Valve, Manual

V-BAF-01

Type, Location, Classification	**Butterfly, BAF-01, New Equipment**
Fluid type, Volume	**Water, 0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	**6", 6"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	276.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.81, 1194.2
Other	0 ft

V-BAF-02

Type, Location, Classification	**Butterfly, BAF-02, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	6", 6"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	276.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.81, 1164.2
Other	0 ft

V-C-P1-2 MANTENIMIENTO.1

Type, Location, Classification	**Ball, P1-2 MANTENIMIENTO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5
Other	0 ft

V-C-P1-2 MANTENIMIENTO.2

Type, Location, Classification	**Ball, P1-2 MANTENIMIENTO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5
Other	0 ft

V-C-P1-3 SERVICION GENERALES.1

Type, Location, Classification	**Ball, P1-3 SERVICION GENERALES, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5
Other	0 ft

V-C-P1-3 SERVICION GENERALES.2

Type, Location, Classification	**Ball, P1-3 SERVICION GENERALES, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5
Other	0 ft

V-C-P1-4 DISPONIBLE.1

Type, Location, Classification	**Ball, P1-4 DISPONIBLE, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5

Other	**0 ft**

V-C-P1-4 DISPONIBLE 2

Type, Location, Classification	**Ball, P1-4 DISPONIBLE, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5
Other	0 ft

V-C-P2-1 ARCHIVO GENERAL 1

Type, Location, Classification	**Ball, P2- 1 ARCHIVO GENERAL, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 98.9
Other	0 ft

V-C-P2-1 ARCHIVO GENERAL 2

Type, Location, Classification	**Ball, P2- 1 ARCHIVO GENERAL, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 98.9
Other	0 ft

V-C-P2-2 MODULOS DE TRABAJO 1

Type, Location, Classification	**Ball, P2- 2 MODULOS DE TRABAJO , New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 49.2
Other	0 ft

V-C-P2-2 MODULOS DE TRABAJO 2

Type, Location, Classification	**Ball, P2- 2 MODULOS DE TRABAJO , New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 49.2
Other	0 ft

V-C-P2-2 SECRETARIA 1

Type, Location, Classification	**Ball, P2- 2 SECRETARIA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling

Flow	2.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.1
Other	0 ft

V-C-P2-3 SECRETARIA 2

Type, Location, Classification	**Ball, P2- 2 SECRETARIA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0

Scenario 2 — Summer Cooling

Flow	2.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.1
Other	0 ft

V-C-P2- 3 ENFERMERIA 1

Type, Location, Classification	**Ball, P2- 3 ENFERMERIA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0

Scenario 2 — Summer Cooling

Flow	1.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 49.2
Other	0 ft

V-C-P2- 3 ENFERMERIA 2

Type, Location, Classification	**Ball, P2- 3 ENFERMERIA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2 — Summer Cooling

Flow	1.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 49.2
Other	0 ft

V-C-P2-4 SALA AMIGA 1

Type, Location, Classification	**Ball, P2-4 SALA AMIGA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0

Scenario 2 — Summer Cooling

Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5
Other	0 ft

V-C-P2-4 SALA AMIGA 2

Type, Location, Classification	**Ball, P2-4 SALA AMIGA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0

Scenario 2 — Summer Cooling

Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5
Other	0 ft

V-C-P2-5 OFICINA SINDICATO 1

Type, Location, Classification	**Ball, P2-5 OFICINA SINDICATO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1 — Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5
Other	0 ft

V-C-P2-5 OFICINA SINDICATO 2

Type, Location, Classification	**Ball**, P2-5 OFICINA SINDICATO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank)**, **(Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5
Other	0 ft

V-C-P2-6A ATENCION AL USUARIO 1

Type, Location, Classification	**Ball**, P2-6A ATENCION AL USUARIO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank)**, **(Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	0 ft

V-C-P2-6A ATENCION AL USUARIO 2

Type, Location, Classification	**Ball**, P2-6A ATENCION AL USUARIO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank)**, **(Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	0 ft

V-C-P2-6B ATENCION AL USUARIO 1

Type, Location, Classification	**Ball**, P2-6B ATENCION AL USUARIO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank)**, **(Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	0 ft

V-C-P2-6B ATENCION AL USUARIO 2

Type, Location, Classification	**Ball**, P2-6B ATENCION AL USUARIO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank)**, **(Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	0 ft

V-C-P3-1A DESPACHO DEL ALCALDE 1

Type, Location, Classification	**Ball**, P3-1A DESPACHO DEL ALCALDE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank)**, **(Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**

Body construction	**Bronze**
Pipe size, Connection size	**1", 1"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 93
Other	**0 ft**

V-C-P3- 1A DESPACHO DEL ALCALDE 2

Type, Location, Classification	**Ball, P3- 1A DESPACHO DEL ALCALDE, New Equipment**
Fluid type, Volume	**Water, 0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	**1", 1"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 93
Other	**0 ft**

V-C-P3- 1B DESPACHO DEL ALCALDE 1

Type, Location, Classification	**Ball, P3- 1B DESPACHO DEL ALCALDE, New Equipment**
Fluid type, Volume	**Water, 0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	**1", 1"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 80
Other	**0 ft**

V-C-P3- 1B DESPACHO DEL ALCALDE 2

Type, Location, Classification	**Ball, P3- 1B DESPACHO DEL ALCALDE, New Equipment**
Fluid type, Volume	**Water, 0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	**1", 1"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 93
Other	**0 ft**

V-C-P3- 7 OFICINA 1

Type, Location, Classification	**Ball, P3- 7 OFICINA, New Equipment**
Fluid type, Volume	**Water, 0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.5
Other	**0 ft**

V-C-P3- 7 OFICINA 2

Type, Location, Classification	**Ball, P3- 7 OFICINA, New Equipment**
Fluid type, Volume	**Water, 0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.5
Other	**0 ft**

V-C-P3- 12 SECRETARIA 1

Type, Location, Classification	**Ball, P3- 12 SECRETARIA, New Equipment**
Fluid type, Volume	**Water, 0.1 gal**
Head loss calculation method	**Automatic**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	**1", 1"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 93
Other	**0 ft**

Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.5
Other	**0 ft**

V-C-P3-12 SECRETARIA 2

Type, Location, Classification	**Ball, P3-12 SECRETARIA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.5
Other	**0 ft**

V-C-P3-2 OFICINA 1

Type, Location, Classification	**Ball, P3-2 OFICINA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.2 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 47.7
Other	**0 ft**

V-C-P3-2 OFICINA 2

Type, Location, Classification	**Ball, P3-2 OFICINA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.2 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 47.7
Other	**0 ft**

V-C-P3-3 OFICINA 1

Type, Location, Classification	**Ball, P3-3 OFICINA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5
Other	**0 ft**

V-C-P3-3 OFICINA 2

Type, Location, Classification	**Ball, P3-3 OFICINA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5
Other	**0 ft**

V-C-P3-4 SECRETARIA 1

Type, Location, Classification	Ball, P3-4 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	2.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.5
Other	**0 ft**

V-C-P3-4 SECRETARIA 2

Type, Location, Classification	**Ball**, P3-4 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	2.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.5
Other	**0 ft**

V-C-P3-5 RECEPCION 1

Type, Location, Classification	**Ball**, P3-5 RECEPCION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	2.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.5
Other	**0 ft**

V-C-P3-5 RECEPCION 2

Type, Location, Classification	**Ball**, P3-5 RECEPCION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	2.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.5
Other	**0 ft**

V-C-P3-6 SALA DE REUNION 1

Type, Location, Classification	**Ball**, P3-6 SALA DE REUNION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	4.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 95.9
Other	0 ft

V-C-P3-6 SALA DE REUNION 2

Type, Location, Classification	**Ball**, P3-6 SALA DE REUNION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	4.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 98.9
Other	0 ft

V-C-P3-8 OFICINA 1	
Type, Location, Classification	Ball, P3-8 OFICINA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	1.2 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 47.7
Other	0 ft

V-C-P3-8 OFICINA 2	
Type, Location, Classification	Ball, P3-8 OFICINA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	1.2 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 47.7
Other	0 ft

V-C-P3-9 OFICINA 1	
Type, Location, Classification	Ball, P3-9 OFICINA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	1.2 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 47.7
Other	0 ft

V-C-P3-9 OFICINA 2	
Type, Location, Classification	Ball, P3-9 OFICINA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	1.2 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 47.7
Other	0 ft

V-C-P3-11 SECRETARIA SOCIAL 1	
Type, Location, Classification	Ball, P3-11 SECRETARIA SOCIAL, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1", 1"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	3.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 95.3
Other	0 ft

V-C-P3-11 SECRETARIA SOCIAL 2	
Type, Location, Classification	Ball, P3-11 SECRETARIA SOCIAL, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1", 1"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling

V-C:P3-8 OFICINA 1	
Type, Location, Classification	Ball, P3-8 OFICINA, New Equipment
Fluid type, Volume Head loss calculation method	Water, 0.1 gal Automatic
Manufacturer, Model Length, Width, Height, Weight Pressure rating Body construction Pipe size, Connection size	(Blank), (Blank) 0", 0", 0", 0 lb 150 psig Bronze 0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow Component total head loss Manual valve (Head loss, K factor, Cv factor) Other	1.2 gpm 0.1 ft 0.1 ft, 0.12, 47.7 0 ft

V-C:P3-8 OFICINA 2	
Type, Location, Classification	Ball, P3-8 OFICINA, New Equipment
Fluid type, Volume Head loss calculation method	Water, 0.1 gal Automatic
Manufacturer, Model Length, Width, Height, Weight Pressure rating Body construction Pipe size, Connection size	(Blank), (Blank) 0", 0", 0", 0 lb 150 psig Bronze 0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow Component total head loss Manual valve (Head loss, K factor, Cv factor) Other	1.2 gpm 0.1 ft 0.1 ft, 0.12, 47.7 0 ft

V-C:P3-9 OFICINA 1	
Type, Location, Classification	Ball, P3-9 OFICINA, New Equipment
Fluid type, Volume Head loss calculation method	Water, 0.1 gal Automatic
Manufacturer, Model Length, Width, Height, Weight Pressure rating Body construction Pipe size, Connection size	(Blank), (Blank) 0", 0", 0", 0 lb 150 psig Bronze 0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow Component total head loss Manual valve (Head loss, K factor, Cv factor) Other	1.2 gpm 0.1 ft 0.1 ft, 0.12, 47.7 0 ft

V-C:P3-9 OFICINA 2	
Type, Location, Classification	Ball, P3-9 OFICINA, New Equipment
Fluid type, Volume Head loss calculation method	Water, 0.1 gal Automatic
Manufacturer, Model Length, Width, Height, Weight Pressure rating Body construction Pipe size, Connection size	(Blank), (Blank) 0", 0", 0", 0 lb 150 psig Bronze 0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow Component total head loss Manual valve (Head loss, K factor, Cv factor) Other	1.2 gpm 0.1 ft 0.1 ft, 0.12, 47.7 0 ft

V-C:P3-11 SECRETARIA SOCIAL 1	
Type, Location, Classification	Ball, P3-11 SECRETARIA SOCIAL, New Equipment
Fluid type, Volume Head loss calculation method	Water, 0.1 gal Automatic
Manufacturer, Model Length, Width, Height, Weight Pressure rating Body construction Pipe size, Connection size	(Blank), (Blank) 0", 0", 0", 0 lb 150 psig Bronze 1", 1"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow Component total head loss Manual valve (Head loss, K factor, Cv factor) Other	3.6 gpm 0.1 ft 0.1 ft, 0.1, 95.3 0 ft

V-C:P3-11 SECRETARIA SOCIAL 2	
Type, Location, Classification	Ball, P3-11 SECRETARIA SOCIAL, New Equipment
Fluid type, Volume Head loss calculation method	Water, 0.1 gal Automatic
Manufacturer, Model Length, Width, Height, Weight Pressure rating Body construction Pipe size, Connection size	(Blank), (Blank) 0", 0", 0", 0 lb 150 psig Bronze 1", 1"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling

Flow	3.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 85.3
Other	0 ft

V-C-P3-13 SALA DE REUNION 1	
Type, Location, Classification	Ball, P3-13 SALA DE REUNION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	Automatic
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	**150 psig**
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	1.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 49.2
Other	0 ft

V-C-P3-13 SALA DE REUNION 2	
Type, Location, Classification	Ball, P3-13 SALA DE REUNION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	Automatic
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	**150 psig**
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	1.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 49.2
Other	0 ft

V-C-P3-14A SECRETARIA SOCIAL 1	
Type, Location, Classification	Ball, P3-14A SECRETARIA SOCIAL, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	Automatic
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	**150 psig**
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.3
Other	0 ft

V-C-P3-14A SECRETARIA SOCIAL 2	
Type, Location, Classification	Ball, P3-14A SECRETARIA SOCIAL, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	Automatic
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	**150 psig**
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.3
Other	0 ft

V-C-P3-14B SECRETARIA SOCIAL 1	
Type, Location, Classification	Ball, P3-14B SECRETARIA SOCIAL, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	Automatic
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	**150 psig**
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.3
Other	0 ft

V-C-P3-14B SECRETARIA SOCIAL 2	
Type, Location, Classification	Ball, P3-14B SECRETARIA SOCIAL, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	Automatic
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	**150 psig**
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating

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Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.3
Other	0 ft

V.C.P3-14C SECRETARIA SOCIAL 1

Type, Location, Classification	Ball, P3-14C SECRETARIA SOCIAL, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow	6.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.3
Other	0 ft

V.C.P3-14C SECRETARIA SOCIAL 2

Type, Location, Classification	Ball, P3-14C SECRETARIA SOCIAL, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow	6.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.3
Other	0 ft

V.C.P3-15 SECRETARIA 1

Type, Location, Classification	Ball, P3-15 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5
Other	0 ft

V.C.P3-15 SECRETARIA 2

Type, Location, Classification	Ball, P3-15 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow	1.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 50.5
Other	0 ft

V.C.P4-2 SECRETARIA GENERAL 1

Type, Location, Classification	Ball, P4-2 SECRETARIA GENERAL, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow	2.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 51.5
Other	0 ft

V.C.P4-2 SECRETARIA GENERAL 2

Type, Location, Classification	Ball, P4-2 SECRETARIA GENERAL, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**

Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	2.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 51.8
Other	0 ft

V-C:P4-1A SECRETARIA DE PLANEACION,1

Type, Location, Classification	Ball, P4-1A SECRETARIA DE PLANEACION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 153.6
Other	0 ft

V-C:P4-1A SECRETARIA DE PLANEACION,2

Type, Location, Classification	Ball, P4-1A SECRETARIA DE PLANEACION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 153.6
Other	0 ft

V-C:P4-1B SECRETARIA DE PLANEACION,1

Type, Location, Classification	Ball, P4-1B SECRETARIA DE PLANEACION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 153.6
Other	0 ft

V-C:P4-1B SECRETARIA DE PLANEACION,2

Type, Location, Classification	Ball, P4-1B SECRETARIA DE PLANEACION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 153.6
Other	0 ft

V-C:P4-3 SALA DE REUNION,1

Type, Location, Classification	Ball, P4-3 SALA DE REUNION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.5", 0.5"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	0.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 21.3
Other	0 ft

V-C:P4-3 SALA DE REUNION,2

Type, Location, Classification	Ball, P4-3 SALA DE REUNION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 153.6
Other	0 ft

V-C:P4-1B SECRETARIA DE PLANEACION,2

Type, Location, Classification	Ball, P4-1B SECRETARIA DE PLANEACION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 153.6
Other	0 ft

V-C:P4-3 SALA DE REUNION,1

Type, Location, Classification	Ball, P4-3 SALA DE REUNION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.5", 0.5"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	0.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 21.3
Other	0 ft

V-C:P4-3 SALA DE REUNION,2

Type, Location, Classification	Ball, P4-3 SALA DE REUNION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic

Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.5", 0.5"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	0.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 21.3
Other	**0 ft**

V-C-P4-4 SALA DE REUNION 1

Type, Location, Classification	**Ball, P4-4 SALA DE REUNION, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	1.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 51
Other	**0 ft**

V-C-P4-4 SALA DE REUNION 1

Type, Location, Classification	**Ball, P4-4 SALA DE REUNION, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	1.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 51
Other	**0 ft**

V-C-P4-5 SALA DE REUNION 1

Type, Location, Classification	**Ball, P4-5 SALA DE REUNION, New Equipment**
Fluid type, Volume	Water, **0.1 gal**

Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	2.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 92.1
Other	**0 ft**

V-C-P4-5 SALA DE REUNION 2

Type, Location, Classification	**Ball, P4-5 SALA DE REUNION, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	2.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 92.1
Other	**0 ft**

V-C-P4-7 VENTANILLA DE RADICACION 1

Type, Location, Classification	**Ball, P4-7 VENTANILLA DE RADICACION, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.5", 0.5"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	0.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.15, 19.4
Other	**0 ft**

V-C-P4-7 VENTANILLA DE RADICACION 2

Type, Location, Classification	**Ball, P4-7 VENTANILLA DE RADICACION, New Equipment**

Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.5", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	0.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.15, 19.4
Other	**0 ft**

V-C-P4-8 SECRETARIA DE PLANEACION 1

Type, Location, Classification	Ball, P4-8 SECRETARIA DE PLANEACION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	9.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.08, 161.5
Other	**0 ft**

V-C-P4-8 SECRETARIA DE PLANEACION 2

Type, Location, Classification	Ball, P4-8 SECRETARIA DE PLANEACION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	9.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.08, 161.5
Other	**0 ft**

V-C-P4-8 ARCHIVO 2

Type, Location, Classification	**Ball, P4-8A ARCHIVO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.8
Other	**0 ft**

V-C-P4-9A ARCHIVO 2

Type, Location, Classification	**Ball, P4-9A ARCHIVO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.8
Other	**0 ft**

V-C-P4-9B ARCHIVO 1

Type, Location, Classification	**Ball, P4-9B ARCHIVO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.8
Other	**0 ft**

V-C-P4-9B ARCHIVO.2	
Type, Location, Classification	**Ball, P4-9B ARCHIVO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	2.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.8
Other	**0 ft**

V-C-P4-10A SEC GOBIERNO.1	
Type, Location, Classification	**Ball, P4-10A SEC GOBIERNO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	7.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 157.4
Other	**0 ft**

V-C-P4-10A SEC GOBIERNO.2	
Type, Location, Classification	**Ball, P4-10A SEC GOBIERNO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	7.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 157.4
Other	**0 ft**

V-C-P4-10B SEC GOBIERNO.1	
Type, Location, Classification	**Ball, P4-10B SEC GOBIERNO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	7.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 157.4
Other	**0 ft**

V-C-P4-10B SEC GOBIERNO.2	
Type, Location, Classification	**Ball, P4-10B SEC GOBIERNO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	7.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 157.4
Other	**0 ft**

V-C-P4-10C SECRETARIA DE GOBIERTO.1	
Type, Location, Classification	**Ball, P4-10C SECRETARIA DE GOBIERTO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	7.3 gpm
Other	**0 ft**

Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 157.4
Other	0 ft

V-C-P4-10C SECRETARIA DE GOBIERNO 2

Type, Location, Classification	**Ball**, P4-10C SECRETARIA DE GOBIERNO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	7.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 157.4
Other	0 ft

V-C-P4-11 SECRETARIA 1

Type, Location, Classification	**Ball**, P4-11 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.7 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 53.3
Other	0 ft

V-C-P4-11 SECRETARIA 2

Type, Location, Classification	**Ball**, P4-11 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.7 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 53.3
Other	0 ft

V-C-P5- 2 SECRETARIA 1

Type, Location, Classification	**Ball**, P5- 2 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 51.7
Other	0 ft

V-C-P5- 2 SECRETARIA 2

Type, Location, Classification	**Ball**, P5- 2 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 51.7
Other	0 ft

V-C-P5-1A SECRETARIA DE FOMENTO 1

Type, Location, Classification	**Ball**, P5-1A SECRETARIA DE FOMENTO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156
Other	0 ft

V-C-P5-1A SECRETARIA DE FOMENTO 2

Type, Location, Classification	**Ball**, P5-1A SECRETARIA DE FOMENTO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow	6.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156
Other	0 ft

V-C-P5-1A SECRETARIA DE INFRAESTRUCTURA 1

Type, Location, Classification	**Ball**, P5-1A SECRETARIA DE INFRAESTRUCTURA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow	6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 153.6
Other	0 ft

V-C-P5-1A SECRETARIA DE INFRAESTRUCTURA 2

Type, Location, Classification	**Ball**, P5-1A SECRETARIA DE INFRAESTRUCTURA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow	6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 153.6
Other	0 ft

V-C-P5-1B SECRETARIA DE FOMENTO 1

Type, Location, Classification	**Ball**, P5-1B SECRETARIA DE FOMENTO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow	6.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156
Other	0 ft

V-C-P5-1B SECRETARIA DE FOMENTO 2

Type, Location, Classification	**Ball**, P5-1B SECRETARIA DE FOMENTO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	

Scenario 2	Summer Cooling
Flow	6.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156
Other	0 ft

V-C-P5-1B SECRETARIA DE INFRAESTRUCTURA 1

Type, Location, Classification	**Ball**, P5-1B SECRETARIA DE INFRAESTRUCTURA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**

Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 153.6
Other	**0 ft**

V-C-PS-1B SECRETARIA DE INFRAESTRUCTURA 2

Type, Location, Classification	Ball, PS-1B SECRETARIA DE INFRAESTRUCTURA, New **Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 153.6
Other	**0 ft**

V-C-PS-3 SALA DE REUNION 1

Type, Location, Classification	Ball, PS-3 SALA DE REUNION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.5", 0.5"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	0.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 21.3
Other	**0 ft**

V-C-PS-3 SALA DE REUNION 2

Type, Location, Classification	Ball, PS-3 SALA DE REUNION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.5", 0.5"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	0.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 21.3
Other	**0 ft**

V-C-PS-4 SALA DE REUNION 1

Type, Location, Classification	Ball, PS-4 SALA DE REUNION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	1.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 51
Other	**0 ft**

V-C-PS-4 SALA DE REUNION 2

Type, Location, Classification	Ball, PS-4 SALA DE REUNION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	1.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 51
Other	**0 ft**

V-C-PS-6A SEC CONT INTERNO.1

Type, Location, Classification	Ball, PS-6A SEC CONT INTERNO, **New Equipment**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.5", 0.5"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	0.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 21.3
Other	**0 ft**

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Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 98.4
Other	**0 ft**

V-C-P5-6A SEC CONT INTERNO 2

Type, Location, Classification	**Ball, P5-6A SEC CONT INTERNO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 98.4
Other	**0 ft**

V-C-P5-6B SEC CONT INTERNO 1

Type, Location, Classification	**Ball, P5-6B SEC CONT INTERNO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 98.4
Other	**0 ft**

V-C-P5-6B SEC CONT INTERNO 2

Type, Location, Classification	**Ball, P5-6B SEC CONT INTERNO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 98.4
Other	**0 ft**

V-C-P5-6C SECRETARIA DE CONTROL INTERNO 1

Type, Location, Classification	**Ball, P5-6C SECRETARIA DE CONTROL INTERNO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 98.4
Other	**0 ft**

V-C-P5-6C SECRETARIA DE CONTROL INTERNO 2

Type, Location, Classification	**Ball, P5-6C SECRETARIA DE CONTROL INTERNO, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 98.4
Other	**0 ft**

V-C-P5-7 SECRETARIA 1	
Type, Location, Classification	**Ball**, P5-7 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	2 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 51.2
Other	**0 ft**

V-C-P5-7 SECRETARIA 2	
Type, Location, Classification	**Ball**, P5-7 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	2 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.11, 51.2
Other	**0 ft**

V-C-P5-8A SEC ADMINISTRATIVA 1	
Type, Location, Classification	**Ball**, P5-8A SEC ADMINISTRATIVA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6.7 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 155.8
Other	**0 ft**

V-C-P5-8A SEC ADMINISTRATIVA 2	
Type, Location, Classification	**Ball**, P5-8A SEC ADMINISTRATIVA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6.7 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 155.8
Other	**0 ft**

V-C-P5-8B SEC ADMINISTRATIVA 1	
Type, Location, Classification	**Ball**, P5-8B SEC ADMINISTRATIVA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	6.7 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 155.8
Other	**0 ft**

V-C-P5-8B SEC ADMINISTRATIVA 2	
Type, Location, Classification	**Ball**, P5-8B SEC ADMINISTRATIVA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling

Flow	6.7 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 155.8
Other	0 ft

V-C-P5-8C SECRETARIA ADMINISTRATIVA 1

Type, Location, Classification	**Ball, P5-8C SECRETARIA ADMINISTRATIVA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.7 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 155.8
Other	0 ft

V-C-P5-8C SECRETARIA ADMINISTRATIVA 2

Type, Location, Classification	**Ball, P5-8C SECRETARIA ADMINISTRATIVA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.7 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 155.8
Other	0 ft

V-C-P5-9 SECRETARIA 1

Type, Location, Classification	**Ball, P5-9 SECRETARIA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.7 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 53.2
Other	0 ft

V-C-P5-9 SECRETARIA 2

Type, Location, Classification	**Ball, P5-9 SECRETARIA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.7 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 53.2
Other	0 ft

V-C-P5-9 SECRETARIA 2

Type, Location, Classification	**Ball, P5-9 SECRETARIA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because flow is 0.

Scenario 2	Summer Cooling
Flow	2.7 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 53.2
Other	0 ft

V-C-P6- 2 SECRETARIA 1

Type, Location, Classification	**Ball**, P6- 2 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank)**, **(Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.3
Other	0 ft

V-C-P6- 2 SECRETARIA 2

Type, Location, Classification	**Ball**, P6- 2 SECRETARIA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank)**, **(Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.3
Other	0 ft

V-C-P6-3 SALA DE REUNION 1

Type, Location, Classification	**Ball**, P6-3 SALA DE REUNION, **New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank)**, **(Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.5", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 22
Other	0 ft

V-C-P6-3 SALA DE REUNION 2

Type, Location, Classification	**Ball**, P6-3 SALA DE REUNION, **New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank)**, **(Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.5", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 22
Other	0 ft

V-C-P6-4 PRENSA 1

Type, Location, Classification	**Ball**, P6-4 PRENSA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank)**, **(Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 99
Other	0 ft

V-C-P6-4 PRENSA 2

Type, Location, Classification	**Ball**, P6-4 PRENSA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank)**, **(Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**

Pipe size, Connection size	1", 1"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	4.8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 99
Other	0 ft

V-C-P6-5 OFICINA 1

Type, Location, Classification	Ball, P6-5 OFICINA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.5", 0.5"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	0.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.13, 21.1
Other	0 ft

V-C-P6-5 OFICINA 2

Type, Location, Classification	Ball, P6-5 OFICINA, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.5", 0.5"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	0.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.13, 21.1
Other	0 ft

V-C-P6-7 SALA DE REUNION 1

Type, Location, Classification	Ball, P6-7 SALA DE REUNION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.5", 0.5"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	1.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 22
Other	0 ft

V-C-P6-7 SALA DE REUNION 2

Type, Location, Classification	Ball, P6-7 SALA DE REUNION, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.5", 0.5"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	1.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 22
Other	0 ft

V-C-P6-8A SEC FOMENTO 1

Type, Location, Classification	Ball, P6-8A SEC FOMENTO, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1", 1"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 98.5
Other	0 ft

V-C-P6-8A SEC FOMENTO 2

Type, Location, Classification	Ball, P6-8A SEC FOMENTO, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.5", 0.5"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	1.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 22
Other	0 ft

Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 96.5
Other	**0 ft**

V-C-P6-8B SECRETARIA DE FOMENTO 1

Type, Location, Classification	**Ball**, P6-8B SECRETARIA DE FOMENTO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 96.5
Other	**0 ft**

V-C-P6-8B SECRETARIA DE FOMENTO 2

Type, Location, Classification	**Ball**, P6-8B SECRETARIA DE FOMENTO, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 96.5
Other	**0 ft**

V-C-P6-11A SEC DE LAS TECNOLOGIAS 1

Type, Location, Classification	**Ball**, P6-11A SEC DE LAS TECNOLOGIAS, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	7.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156.6
Other	**0 ft**

V-C-P6-11A SEC DE LAS TECNOLOGIAS 2

Type, Location, Classification	**Ball**, P6-11A SEC DE LAS TECNOLOGIAS, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	7.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156.6
Other	**0 ft**

V-C-P6-11B SEC DE LAS TECNOLOGIAS 1

Type, Location, Classification	**Ball**, P6-11B SEC DE LAS TECNOLOGIAS, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	7.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156.6
Other	**0 ft**

V-C-P6-11B SEC DE LAS TECNOLOGIAS 2

Type, Location, Classification	**Ball**, P6-11B SEC DE LAS TECNOLOGIAS, **New Equipment**

Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	**1.25", 1.25"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	7.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156.6
Other	**0 ft**

V-C-P6-11C SECRETARIA DE LAS TECNOLOGIAS 1

Type, Location, Classification	**Ball**, P6-11C SECRETARIA DE LAS TECNOLOGIAS, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	**1.25", 1.25"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	7.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156.6
Other	**0 ft**

V-C-P6-11G SECRETARIA DE LAS TECNOLOGIAS 2

Type, Location, Classification	**Ball**, P6-11C SECRETARIA DE LAS TECNOLOGIAS, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	**1.25", 1.25"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	7.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156.6
Other	**0 ft**

V-C-P7-1 RECEPCION 1

Type, Location, Classification	**Ball**, P7-1 RECEPCION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	**0.5", 0.5"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	0.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 21.3
Other	**0 ft**

V-C-P7-1 RECEPCION 2

Type, Location, Classification	**Ball**, P7-1 RECEPCION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	**0.5", 0.5"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	0.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 21.3
Other	**0 ft**

V-C-P7-3A SEC JURIDICA 1

Type, Location, Classification	**Ball**, P7-3A SEC JURIDICA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	**0.75", 0.75"**

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 49.5

Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	7.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156.6
Other	**0 ft**

V-C-P6-11C SECRETARIA DE LAS TECNOLOGIAS.1

Type, Location, Classification	**Ball, P6-11C SECRETARIA DE LAS TECNOLOGIAS, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	7.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156.6
Other	**0 ft**

V-C-P6-11C SECRETARIA DE LAS TECNOLOGIAS.2

Type, Location, Classification	**Ball, P6-11C SECRETARIA DE LAS TECNOLOGIAS, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	7.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156.6
Other	**0 ft**

V-C-P7-1 RECEPCION.1

Type, Location, Classification	**Ball, P7-1 RECEPCION, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.5", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	0.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 21.3
Other	**0 ft**

V-C-P7-1 RECEPCION.2

Type, Location, Classification	**Ball, P7-1 RECEPCION, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.5", 0.5"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	0.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 21.3
Other	**0 ft**

V-C-P7-3A SEC JURIDICA.1

Type, Location, Classification	**Ball, P7-3A SEC JURIDICA, New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 49.5

Other	0 ft

V-C-P7-3A SEC JURIDICA 2

Type, Location, Classification	Ball, P7-3A SEC JURIDICA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 49.5
Other	0 ft

V-C-P7-3B SECRETARIA JURIDICA 1

Type, Location, Classification	Ball, P7-3B SECRETARIA JURIDICA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 49.5
Other	0 ft

V-C-P7-3B SECRETARIA JURIDICA 2

Type, Location, Classification	Ball, P7-3B SECRETARIA JURIDICA, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	1.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.12, 49.5
Other	0 ft

V-C-P7-4A SEC CONTRATACION 1

Type, Location, Classification	Ball, P7-4A SEC CONTRATACION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.9
Other	0 ft

V-C-P7-4A SEC CONTRATACION 2

Type, Location, Classification	Ball, P7-4A SEC CONTRATACION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.9
Other	0 ft

V-C-P7-4B SECRETARIA DE CONTRATACION 1

Type, Location, Classification	Ball, P7-4B SECRETARIA DE CONTRATACION, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling

Flow	2.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.9
Other	0 ft

V-C-P7-4B SECRETARIA DE CONTRATACION 2

Type, Location, Classification	**Ball, P7-4B SECRETARIA DE CONTRATACION, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52.9
Other	0 ft

V-C-P7-5 SECRETARIA 1

Type, Location, Classification	**Ball, P7-5 SECRETARIA, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.2 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52
Other	0 ft

V-C-P7-5 SECRETARIA 2

Type, Location, Classification	**Ball, P7-5 SECRETARIA, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	0.75", 0.75"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	2.2 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 52
Other	0 ft

V-C-P7-6A SALA MULTIPLE 1

Type, Location, Classification	**Ball, P7-6A SALA MULTIPLE, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	0 ft

V-C-P7-6A SALA MULTIPLE 2

Type, Location, Classification	**Ball, P7-6A SALA MULTIPLE, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	0 ft

V-C-P7-6B SALA MULTIPLE 1

Type, Location, Classification	**Ball, P7-6B SALA MULTIPLE, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	0 ft

V-C-P7-6B SALA MULTIPLE 2	
Type, Location, Classification	**Ball**, P7-6B SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	**0 ft**

V-C-P7-6D SALA MULTIPLE 1	
Type, Location, Classification	**Ball**, P7-6D SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	**0 ft**

V-C-P7-6C SALA MULTIPLE 1	
Type, Location, Classification	**Ball**, P7-6C SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	**0 ft**

V-C-P7-6C SALA MULTIPLE 2	
Type, Location, Classification	**Ball**, P7-6C SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	**0 ft**

V-C-P7-6D SALA MULTIPLE 1	
Type, Location, Classification	**Ball**, P7-6D SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	**0 ft**

V-C-P7-6D SALA MULTIPLE 2	
Type, Location, Classification	**Ball**, P7-6D SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	**0 ft**

V-C-UMA-AE1.1	
Type, Location, Classification	**Ball**, UMA-AE1, **New Equipment**
Fluid type, Volume	Water, **0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	0 ft

V-C-P7-6B SALA MULTIPLE 2

Type, Location, Classification	**Ball**, P7-6D SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	**Automatic**
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	0 ft

V-C-P7-6D SALA MULTIPLE 1

Type, Location, Classification	**Ball**, P7-6D SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	**Automatic**
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	0 ft

V-C-P7-6D SALA MULTIPLE 2

Type, Location, Classification	**Ball**, P7-6D SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	**Automatic**
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	0 ft

V-C-P7-6D SALA MULTIPLE 2

Type, Location, Classification	**Ball**, P7-6D SALA MULTIPLE, **New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	**Automatic**
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.6
Other	0 ft

V-C-UMA-AE1.1

Type, Location, Classification	**Ball**, UMA-AE1, **New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	**Automatic**
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig

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Body construction	Bronze
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 96.8
Other	0 ft

V-C-UMA-AE1.2

Type, Location, Classification	**Ball, UMA-AE1, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1", 1"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	4 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.1, 96.8
Other	0 ft

V-C-UMA-AE2.1

Type, Location, Classification	Ball, UMA-AE2, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 155.9
Other	0 ft

V-C-UMA-AE2.2

Type, Location, Classification	Ball, UMA-AE2, New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.6 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 155.9
Other	0 ft

V-C-UMA-AE3.1

Type, Location, Classification	**Ball, UMA-AE3, New Equipment**
Fluid type, Volume	**Water, 0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	**(Blank), (Blank)**
Length, Width, Height, Weight	**0", 0", 0", 0 lb**
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 155.2
Other	0 ft

V-C-UMA-AE3.2

Type, Location, Classification	**Ball, UMA-AE3, New Equipment**
Fluid type, Volume	**Water, 0.1 gal**
Head loss calculation method	**Automatic**
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	**150 psig**
Body construction	**Bronze**
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.5 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 155.2
Other	0 ft

V-C-UMA-AE4.1

Type, Location, Classification	**Ball, UMA-AE4, New Equipment**
Fluid type, Volume	**Water, 0.1 gal**
Head loss calculation method	**Automatic**

Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156.2
Other	0 ft

V-C-UMA-AE4.2

Type, Location, Classification	**Ball, UMA-AE4, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	8 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156.2
Other	0 ft

V-C-UMA-AE5.1

Type, Location, Classification	**Ball, UMA-AE5, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156.1
Other	0 ft

V-C-UMA-AE5.2

Type, Location, Classification	**Ball, UMA-AE5, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.9 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 156.1
Other	0 ft

V-C-UMA-AE6.1

Type, Location, Classification	**Ball, UMA-AE6, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.3
Other	0 ft

V-C-UMA-AE6.2

Type, Location, Classification	**Ball, UMA-AE6, New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1.25", 1.25"

Scenario 1	Winter Heating

Scenario data not shown because the flow is 0.

Scenario 2	Summer Cooling
Flow	6.3 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.09, 154.3
Other	0 ft

V-1

Type, Location, Classification	Butterfly, (Blank), New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	6", 6"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	276.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.79, 1214.5
Other	0 ft

V-57	
Type, Location, Classification	Butterfly, (Blank), New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	6", 6"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	276.1 gpm
Component total head loss	0.1 ft
Manual valve (Head loss, K factor, Cv factor)	0.1 ft, 0.81, 1194.2
Other	0 ft

V-49	
Type, Location, Classification	Butterfly, (Blank), New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	3", 3"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	92 gpm
Component total head loss	0.2 ft
Manual valve (Head loss, K factor, Cv factor)	0.2 ft, 0.89, 285
Other	0 ft

V-50	
Type, Location, Classification	Butterfly, (Blank), New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	3", 3"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	92 gpm
Component total head loss	0.2 ft
Manual valve (Head loss, K factor, Cv factor)	0.2 ft, 0.89, 285
Other	0 ft

V-51	
Type, Location, Classification	Butterfly, (Blank), New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	3", 3"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	92 gpm
Component total head loss	0.2 ft
Manual valve (Head loss, K factor, Cv factor)	0.2 ft, 0.89, 285
Other	0 ft

V-52	
Type, Location, Classification	Butterfly, (Blank), New Equipment
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	3", 3"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	92 gpm
Component total head loss	0.2 ft
Manual valve (Head loss, K factor, Cv factor)	0.2 ft, 0.89, 285
Other	0 ft

V-53	
Type, Location, Classification	Butterfly, (Blank), **New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	3", 3"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	92 gpm
Component total head loss	0.2 ft
Manual valve (Head loss, K factor, Cv factor)	0.2 ft, 0.80, 285
Other	0 ft

V-54	
Type, Location, Classification	Butterfly, (Blank), **New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	3", 3"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	92 gpm
Component total head loss	0.2 ft
Manual valve (Head loss, K factor, Cv factor)	0.2 ft, 0.80, 285
Other	0 ft

V-57	
Type, Location, Classification	Ball, (Blank), **New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction	Bronze
Pipe size, Connection size	1", 1"
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Scenario data not shown because the flow is 0.	

Valve, Multiple-Purpose	
MPV-BAF-01	
Type, Location, Classification	**Plus Two (Inline)**, BAF-01, **New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	Yes
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction (Selection, Actual)	All, Bronze
Pipe size, Connection size	6", 6"
Connection type (Selection, Actual)	All, Groove
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	276.1 gpm
Component total head loss	1.1 ft
Multiple-purpose valve, design (Head loss, K factor, Cv factor)	1.1 ft, 7.22, 400.6
Multiple-purpose valve, actual (Head loss, K factor, Cv factor)	0 ft, 0, 0
Other	0 ft

MPV-BAF-02	
Type, Location, Classification	**Plus Two (Inline)**, BAF-02, **New Equipment**
Fluid type, Volume	Water, 0.1 gal
Head loss calculation method	Automatic
Automatic selection	Yes
Manufacturer, Model	(Blank), (Blank)
Length, Width, Height, Weight	0", 0", 0", 0 lb
Pressure rating	150 psig
Body construction (Selection, Actual)	All, Bronze
Pipe size, Connection size	6", 6"
Connection type (Selection, Actual)	All, Groove
Scenario 1	Winter Heating
Scenario data not shown because the flow is 0.	
Scenario 2	Summer Cooling
Flow	276.1 gpm
Component total head loss	1.1 ft
Multiple-purpose valve, design (Head loss, K factor, Cv factor)	1.1 ft, 7.22, 400.6
Multiple-purpose valve, actual (Head loss, K factor, Cv factor)	0 ft, 0, 0
Other	0 ft