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SPX Cooling Tech LLC (Marley)
NC Class of CTI Sound Certified Cooling Towers
CTI Sound Certification Validation Number S14A-26R00
January 19, 2026 (Revision 0)

Product Line -- Box Size	Power Designators Available With Sound Designator A	Power Designators Available with Low Sound Designators L, K, M, N, P, Q, R, S, T	Power Designators Available with Ultra Low Sound Designators C, D, U, V	Stack Type & Extra Drift Eliminator Designators
NC8401	H, K, M, N, P	G, H, K, M, N, P	- -	N, P
NC8402	H, K, M, N, P, Q	G, H, K, M, N, P, Q	G, H, K, M, N, P, Q	N, P, S, T
NC8403	H, K, M, N, P, Q, R, S, T	H, K, M, N, P, Q, R, S, T	H, K, M, N, P, Q, R, S	N, P, S, T
NC8405	H, K, M, N, P, Q, R, S, T, U	H, K, M, N, P, Q, R, S, T, U	H, K, M, N, P, Q, R, S, T, U	N, P, S, T
NC8407	K, M, N, P, Q, R, S, T, U, V	K, M, N, P, Q, R, S, T, U, V	K, M, N, P, Q, R, S, T, U, V	N, P, S, T
NC8409	M, N, P, Q, R, S, T, U, V, W	M, N, P, Q, R, S, T, U, V, W	M, N, P, Q, R, S, T, U, V, W	N, P, S, T
NC8410	N, P, Q, R, S, T, U, V, W	N, P, Q, R, S, T, U, V, W	N, P, Q, R, S, T, U, V, W	N, P, S, T
NC8411	N, P, Q, R, S, T, U, V, W	N, P, Q, R, S, T, U, V, W	N, P, Q, R, S, T, U, V, W	N, P, S, T
NC8412	P, Q, R, S, T, U, V, W, X	P, Q, R, S, T, U, V, W, X	P, Q, R, S, T, U, V, W, X	N, P, S, T
NC8413	N, P, Q, R, S, T, U, V, W, X	N, P, Q, R, S, T, U, V, W, X	Q, R, S, T, U, V, W, X	N, P, S, T
NC8414	P, Q, R, S, T, U, V, W, X, Y	P, Q, R, S, T, U, V, W, X, Y	Q, R, S, T, U, V, W, X	N, P, S, T
NC8422[5]	R,S,T,U,V,W,X,Y,Z	R,S,T,U,V,W,X,Y,Z	R,S,T,U,V,W,X,Y,Z	N,P

Fan & Noise Configuration Designators (See Note 1)	Sound Designator
Standard Fan No Attenuation	A
Low Sound Fan No Attenuation	L
Low Sound Fan w/ 2 ft. Inlet Attenuation	K
Low Sound Fan w/ 4 ft. Inlet Attenuation	M
Low Sound Fan w/ 2 ft. Outlet Attenuation	N
Low Sound Fan w/ 4 ft. Outlet Attenuation	P
Low Sound Fan w/ 2 ft. Inlet & 2 ft. Outlet attenuation	Q
Low Sound Fan w/ 4 ft. Inlet & 2 ft. Outlet attenuation	R
Low Sound Fan w/ 2 ft. Inlet & 4 ft. Outlet attenuation	S
Low Sound Fan with 4 ft. Inlet & 4 ft. Outlet attenuation	T
Ultra Low Sound Fan No Attenuation	C
Ultra Low Sound Fan w/ 2 ft. Inlet Attenuation	U
Ultra Low Sound Fan w/ 4 ft. Inlet Attenuation	V
Alternate Ultra Low Sound Fan No Attenuation	D
Alternate Ultra Low Sound Fan w/ 2 ft. Inlet Attenuation	W
Alternate Ultra Low Sound Fan w/ 4 ft. Inlet Attenuation	X
Stack & Drift Eliminator Type Designators (See Note 2)	N = Standard Stack
	P = Standard Stack & Extra Drift Eliminator
	S = Velocity Recovery Stack
	T = Velocity Recovery Stack & Extra Drift Eliminator

Footnotes:		
1	Some model configurations are not available and capacity adjustments are required for many nonstandard model configurations. See selection software at www.spxcooling.com for configuration availability and specific capacity of each available configuration.	
2	Capacity with stack & drift eliminator type designator P or T is 4% less than respective N or S capacity.	
3	Multiple cell models of the single cell models above are also available.	
4	Direct Drive fan system, in lieu of geareducers or belt/sheaves, have 1.3% increase in capacity relative to the base unit. Designated by a "D" as the 'mechanical designator', second character after cell quantity.	
5	Models may be classified with the "NC Everest" marketing alias	
6	Sample Model Number: NC8405DMN2 where	NC8405 = Box Size
		D = Motor Power Designator
		M = Fan & Noise Designator
		N = Stack & Drift Eliminator Designator
		2 = Number of Cells

CTI Web Links

Updated 03/07/2025

- **Selection**
  - **General Public**
    http://spxcooling.com/library/detail/ratings-tables
  - **CoolSpec™ Account Holders**
    http://coolspec.com

- **Information**
  - **NC Class:**
    https://spxcooling.com/cooling-towers/marley-nc/

    https://spxcooling.com/cooling-towers/marley-nc-everest/

    https://spxcooling.com/cooling-towers/marley-nc-fiberglass/
  - **AV Class:**
    http://spxcooling.com/products/marley-av
  - **NX Class:**
    https://spxcooling.com/products/marley-nx
  - **Aquatower AQ Class:**
    https://spxcooling.com/products/marley-aq

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