



COOLING TECHNOLOGY INSTITUTE

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SPX Cooling Technologies (Marley)
DTW Series of CTI Certified Induced-draft, Closed-circuit Fluid Coolers
CTI Certification Validation Number C14N-16R01
April 11, 2016 (Revision 1)

AVAILABLE MODEL CONFIGURATIONS				
PRODUCT LINE DESIGNATOR	BOX SIZE DESIGNATOR	FAN MOTOR POWER DESIGNATOR	SOUND DESIGNATOR	COIL DESIGNATOR
DTW	8509	K, M, N, P, Q	A, L, C, J, K, N, Q	B, C, D, E, J, K, M, N, P, Q, R, S
DTW	8512	N, P, Q, R, S	A, L, C, J, K, N, Q	B, C, D, E, J, K, M, N, P, Q, R, S
DTW	1012	N, P, Q, R, S	A, L, C, J, K, N, P, Q, R	B, C, D, E, J, K, M, N, P, Q, R, S
DTW	1018	N, P, Q, R, S, T	A, L, C, J, K, N, P, Q, R	B, C, D, E, J, K, M, N, P, Q, R, S
DTW	1212	N, P, Q, R, S, T	A, L, C, J, K, N, P, Q, R	B, C, D, E, J, K, M, N, P, Q, R, S
DTW	1218	P, Q, R, S, T, U, V	A, L, C, J, K, N, P, Q, R	B, C, D, E, J, K, M, N, P, Q, R, S

SOUND DESIGNATOR KEY		
LOW SOUND OPTION	SOUND DESIGNATOR	CTI Certified
Standard Low Sound Fan	A	Yes
Quiet Fan	L	Yes
Ultra Quiet Fan	C	Yes
Quiet Fan Splash Attenuation	J	Yes
Ultra Quiet Fan Splash Attenuation	K	Yes
Quiet Fan w/ 2 ft. Outlet Attenuation	N	Yes
Quiet Fan w/ 4 ft. Outlet Attenuation	P	Yes
Quiet Fan Splash Attenuation w/ 2 ft. Outlet Attenuation	Q	Yes
Quiet Fan Splash Attenuation w/ 4 ft. Outlet Attenuation	R	Yes

Footnotes:	
1	Some sound attenuation options are not available with all coil/fan combinations and capacity adjustments are required for many nonstandard model configurations. See table or selection software at www.spxcooling.com for configuration availability and specific capacity of each available configuration.
2	Certification applies only to units with water, ethylene glycol solutions up to 50% concentration and propylene glycol solutions up to 50% concentration as the process fluid. See rating tables or selection software for the effect of glycol solutions on thermal performance and pressure drop of a specific model and operating condition.
3	Optional "Quiet" fan models have a 2% capacity reduction compared to the same unit with the standard fan.
4	Optional "Ultra Quiet" fan models have a 0% capacity reduction compared to the same unit with the standard fan.
5	Optional "Outlet Attenuation" models have a 3 to 7% capacity reduction compared to the same unit without outlet attenuation.
6	Optional stainless steel coil (suffix S) incurs a 10% capacity reduction versus standard models with hot dipped galvanized steel coil.
7	Certification includes splash attenuation options that do not affect thermal capacity.
8	Certification includes access and maintenance options that do not affect thermal capacity.
9	Multiple cell models of the single cell models above are also available. Multi-cell configurations of the primary single cell models are certified with an adjustment of the inlet height of all cells to permit more open area for the remaining, unblocked, inlets of interior cells.
10	Model numbers ending in "L" are single-cell or multi-cell, inline arrangements. Model numbers ending in "B" are back-to-back multi-cell arrangements.
11	Coils B, C, D, E, J, and K are piped with coils in parallel flow. Coils M, N, P, Q, R, and S are piped with coils in series.