



# COOLING TECHNOLOGY INSTITUTE

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**SPX Cooling Technologies (Marley)**  
**MHF Series of CTI Certified Induced-draft, Closed-circuit Fluid Coolers**  
**CTI Certification Validation Number C14G-04R07**  
**May 11, 2015 (Revision 7)**  
**(June 19, 2015 – corrected model suffix table)**

AVAILABLE MODEL CONFIGURATIONS						
PRODUCT LINE DESIGNATOR	BOX SIZE DESIGNATOR	FAN MOTOR POWER DESIGNATOR	SOUND DESIGNATOR	HEIGHT AND WET COIL DESIGNATOR	DRY COIL DESIGNATOR	COIL MATERIAL DESIGNATOR
MHF	7101	H,K,M,N,P	A,L,K,M	AA, DA, AD, DD, BB, EB, BE, EE	N	G,S,C
	7103	K,M,N,P,Q	A,L,K,M	AA, DA, BB, EB	N, F	G,S,C
	7105	M,N,P,Q,R	A,L,K,M	AA, DA, BB, EB, BC, EC	N, F	G,S,C
	7107	N,P,Q,R,S,T	A,L,C,K,M,U,V	AA, DA, BB, EB, BC, EC	N, F	G,S,C
	7109	P,B,S,C,E	A,L,C,K,M,U,V	AA, BB, BC	N	G,S
	7111	Q,S,T,U,V,W	A,L,C,K,M,U,V	EA, EB, EC	N, F	G,S
	7113	S,T,U,V,W	A,L,C,K,M,U,V	EA, EB, EC	N, F	G,S

SOUND DESIGNATOR KEY		
LOW SOUND OPTION	CTI LOW SOUND DESIGNATOR	CTI Certified
Standard Low Sound Fan No Attenuation	A	Yes
Quiet Fan No Attenuation	L	Yes
Ultra Quiet Fan No Attenuation	C	Yes
Quiet Fan w/ Inlet Attenuation	K, M	Yes
Ultra Quiet Fan w/ Inlet Attenuation	U, V	Yes

## MHF 7100 Series Footnotes:

1. Some model configurations are not available and capacity adjustments are required for many non-standard model configurations. See ratings tables or selection software at [www.spxcooling.com](http://www.spxcooling.com) for availability of specific configurations and thermal performance 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” fans on 7100 series models have a 0.4 to 3.0% capacity reduction compared to the same unit with the standard fan.
4. Optional “Ultra Quiet” fans on 7100 series models have a 0.0 to 3.5% capacity reduction compared to the same unit with the standard fan.
5. Optional stainless steel coil (suffix S) incurs a 10% capacity reduction versus standard models with hot dipped galvanized steel coil.
6. Optional finned coil (suffix F) added to the top module for dry operation mode incurs a 6.0 to 12.2% capacity reduction in wet operation mode compared to standard models. Thermal performance in dry operation mode is not CTI Certified. See ratings tables or selection software for availability and specific capacity.
7. Certification includes inlet sound attenuation options and do not incur a capacity reduction.
8. Certification includes access and maintenance options that do not affect thermal capacity