



# COOLING TECHNOLOGY INSTITUTE

P. O. Box 681807, Houston, Texas 77268 • 3845 Cypress Creek Parkway, Ste 420, Houston, Texas 77068  
 Phone: 281.583.4087 • Fax: 281.537.1721 • email: vmanser@cti.org • http://www.cti.org

**Mesan Cooling Tower, Ltd.  
 MXR-KM, MXL and MXH Series  
 CTI Certified Cross-flow, Induced-draft Cooling Towers  
 CTI Certification Validation Number C26C-08R08  
 November 20, 2017 (Revision 8)**

MXR-KM-A1-1.1	MXR-KM-B1-2.2	MXR-KM-C1-3	MXR-KM-D1-4	MXR-KM-F1-5.5	MXR-KM-H1-11	MXR-KM-J1-15
MXR-KM-A1-1.5	MXR-KM-B1-3	MXR-KM-C1-4	MXR-KM-D1-5.5	MXR-KM-F1-7.5	MXR-KM-H1-15	MXR-KM-J1-18.5
MXR-KM-A1-2.2	MXR-KM-B1-4	MXR-KM-C1-5.5	MXR-KM-D1-7.5	MXR-KM-F1-11	MXR-KM-H1-18.5	MXR-KM-J1-22
MXR-KM-A1-3	MXR-KM-B1-5.5	MXR-KM-C1-7.5	MXR-KM-D1-11	MXR-KM-F1-15	MXR-KM-H1-22	MXR-KM-J1-30
MXR-KM-A1-4					MXR-KM-H1-30	MXR-KM-J1-37
	MXR-KM-B2-2.2	MXR-KM-C2-3	MXR-KM-D2-4	MXR-KM-F2-5.5		MXR-KM-J1-45
MXR-KM-A2-1.1	MXR-KM-B2-3	MXR-KM-C2-4	MXR-KM-D2-5.5	MXR-KM-F2-7.5	MXR-KM-H2-11	
MXR-KM-A2-1.5	MXR-KM-B2-4	MXR-KM-C2-5.5	MXR-KM-D2-7.5	MXR-KM-F2-11	MXR-KM-H2-15	MXR-KM-J2-18.5
MXR-KM-A2-2.2	MXR-KM-B2-5.5	MXR-KM-C2-7.5	MXR-KM-D2-11	MXR-KM-F2-15	MXR-KM-H2-18.5	MXR-KM-J2-22
MXR-KM-A2-3	MXR-KM-B2-7.5			MXR-KM-F2-18.5	MXR-KM-H2-22	MXR-KM-J2-30
MXR-KM-A2-4	MXR-KM-B2-11	MXR-KM-C3-4	MXR-KM-D3-4	MXR-KM-F2-22	MXR-KM-H2-30	MXR-KM-J2-37
MXR-KM-A2-5.5		MXR-KM-C3-5.5	MXR-KM-D3-5.5			MXR-KM-J2-45
	MXR-KM-B3-3	MXR-KM-C3-7.5	MXR-KM-D3-7.5	MXR-KM-F3-5.5	MXR-KM-H3-11	
MXR-KM-A3-2.2	MXR-KM-B3-4	MXR-KM-C3-11	MXR-KM-D3-11	MXR-KM-F3-7.5	MXR-KM-H3-15	MXR-KM-J3-18.5
MXR-KM-A3-3	MXR-KM-B3-5.5		MXR-KM-D3-15	MXR-KM-F3-11	MXR-KM-H3-18.5	MXR-KM-J3-22
MXR-KM-A3-4	MXR-KM-B3-7.5	MXR-KM-C4-4		MXR-KM-F3-15	MXR-KM-H3-22	MXR-KM-J3-30
MXR-KM-A3-5.5		MXR-KM-C4-5.5	MXR-KM-D4-4	MXR-KM-F3-18.5	MXR-KM-H3-30	MXR-KM-J3-37
	MXR-KM-B4-3	MXR-KM-C4-7.5	MXR-KM-D4-5.5	MXR-KM-F3-22	MXR-KM-H3-37	MXR-KM-J3-45
MXR-KM-A4-2.2	MXR-KM-B4-4	MXR-KM-C4-11	MXR-KM-D4-7.5			
MXR-KM-A4-3	MXR-KM-B4-5.5		MXR-KM-D4-11		MXR-KM-H4-18.5	
MXR-KM-A4-4	MXR-KM-B4-7.5	MXR-KM-C5-4	MXR-KM-D4-15	MXR-KM-G1-11	MXR-KM-H4-22	MXR-KM-K1-18.5
MXR-KM-A4-5.5		MXR-KM-C5-5.5		MXR-KM-G1-15	MXR-KM-H4-30	MXR-KM-K1-22
	MXR-KM-B5-3	MXR-KM-C5-7.5		MXR-KM-G1-18.5	MXR-KM-H4-37	MXR-KM-K1-30
MXR-KM-A5-2.2	MXR-KM-B5-4	MXR-KM-C5-11	MXR-KM-E1-5.5	MXR-KM-G1-22	MXR-KM-H4-45	MXR-KM-K1-37
MXR-KM-A5-3	MXR-KM-B5-5.5	MXR-KM-C5-15	MXR-KM-E1-7.5	MXR-KM-G1-30	MXR-KM-H4-55	MXR-KM-K1-45
MXR-KM-A5-4	MXR-KM-B5-7.5		MXR-KM-E1-11	MXR-KM-G1-37	MXR-KM-H4-75	
MXR-KM-A5-5.5		MXR-KM-C6-4	MXR-KM-E1-15			MXR-KM-K2-22
MXR-KM-A5-7.5	MXR-KM-B6-3	MXR-KM-C6-5.5		MXR-KM-G2-11		MXR-KM-K2-30
	MXR-KM-B6-4	MXR-KM-C6-7.5	MXR-KM-E2-5.5	MXR-KM-G2-15	MXR-KM-I1-15	MXR-KM-K2-37
MXR-KM-A6-2.2	MXR-KM-B6-5.5	MXR-KM-C6-11	MXR-KM-E2-7.5	MXR-KM-G2-18.5	MXR-KM-I1-18.5	MXR-KM-K2-45
MXR-KM-A6-3	MXR-KM-B6-7.5	MXR-KM-C6-15	MXR-KM-E2-11	MXR-KM-G2-22	MXR-KM-I1-22	MXR-KM-K2-55
MXR-KM-A6-4			MXR-KM-E2-15	MXR-KM-G2-30	MXR-KM-I1-30	
MXR-KM-A6-5.5					MXR-KM-I1-37	MXR-KM-K3-22
MXR-KM-A6-7.5			MXR-KM-E3-5.5	MXR-KM-G3-11		MXR-KM-K3-30
			MXR-KM-E3-7.5	MXR-KM-G3-15	MXR-KM-I2-15	MXR-KM-K3-37
			MXR-KM-E3-11	MXR-KM-G3-18.5	MXR-KM-I2-18.5	MXR-KM-K3-45
			MXR-KM-E3-15	MXR-KM-G3-22	MXR-KM-I2-22	
				MXR-KM-G3-30	MXR-KM-I2-30	
					MXR-KM-I2-37	
					MXR-KM-I2-45	
						MXR-KM-I3-15
						MXR-KM-I3-18.5
						MXR-KM-I3-22
						MXR-KM-I3-30
						MXR-KM-I3-37
						MXR-KM-I3-45
						MXR-KM-I3-55

See Footnotes for Additional Details



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MXL-01A-3	MXL-01B-3	MXL-02A-4	MXL-02B-4	MXL-02C-4
MXL-01A-4	MXL-01B-4	MXL-02A-5.5	MXL-02B-5.5	MXL-02C-5.5
MXL-01A-5.5	MXL-01B-5.5	MXL-02A-7.5	MXL-02B-7.5	MXL-02C-7.5
MXL-01A-7.5	MXL-01B-7.5	MXL-02A-11	MXL-02B-11	MXL-02C-11
MXL-01A-11	MXL-01B-11	MXL-02A-15	MXL-02B-15	MXL-02C-15
		MXL-02A-18.5	MXL-02B-18.5	MXL-02C-18.5
		MXL-02A-22	MXL-02B-22	MXL-02C-22
MXL-03A-4	MXL-03B-4	MXL-03C-4	MXL-04A-7.5	MXL-04B-7.5
MXL-03A-5.5	MXL-03B-5.5	MXL-03C-5.5	MXL-04A-11	MXL-04B-11
MXL-03A-7.5	MXL-03B-7.5	MXL-03C-7.5	MXL-04A-15	MXL-04B-15
MXL-03A-11	MXL-03B-11	MXL-03C-11	MXL-04A-18.5	MXL-04B-18.5
MXL-03A-15	MXL-03B-15	MXL-03C-15	MXL-04A-22	MXL-04B-22
MXL-03A-18.5	MXL-03B-18.5	MXL-03C-18.5	MXL-04A-30	MXL-04B-30
MXL-03A-22	MXL-03B-22	MXL-03C-22	MXL-04A-37	MXL-04B-37
		MXL-03C-30		MXL-04B-45
MXL-04C-7.5	MXL-04D-7.5	MXL-04E-7.5	MXL-04F-7.5	MXL-05A-11
MXL-04C-11	MXL-04D-11	MXL-04E-11	MXL-04F-11	MXL-05A-15
MXL-04C-15	MXL-04D-15	MXL-04E-15	MXL-04F-15	MXL-05A-18.5
MXL-04C-18.5	MXL-04D-18.5	MXL-04E-18.5	MXL-04F-18.5	MXL-05A-22
MXL-04C-22	MXL-04D-22	MXL-04E-22	MXL-04F-22	MXL-05A-30
MXL-04C-30	MXL-04D-30	MXL-04E-30	MXL-04F-30	MXL-05A-37
MXL-04C-37	MXL-04D-37	MXL-04E-37	MXL-04F-37	MXL-05A-45
MXL-04C-45	MXL-04D-45	MXL-04E-45	MXL-04F-45	
MXL-05B-11	MXL-05C-11	MXL-05D-11	MXL-05E-11	
MXL-05B-15	MXL-05C-15	MXL-05D-15	MXL-05E-15	
MXL-05B-18.5	MXL-05C-18.5	MXL-05D-18.5	MXL-05E-18.5	
MXL-05B-22	MXL-05C-22	MXL-05D-22	MXL-05E-22	
MXL-05B-30	MXL-05C-30	MXL-05D-30	MXL-05E-30	
MXL-05B-37	MXL-05C-37	MXL-05D-37	MXL-05E-37	
MXL-05B-45	MXL-05C-45	MXL-05D-45	MXL-05E-45	
MXL-05B-55	MXL-05C-55	MXL-05D-55	MXL-05E-55	

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MXH-1739-2.2	MXH-2753-4	MXH-3061B-4	MXH-3668C-7.5	MXH-3668G-7.5	MXH-4273C-11	MXH-5182A-11
MXH-1739-3	MXH-2753-5.5	MXH-3061B-5.5	MXH-3668C-11	MXH-3668G-11	MXH-4273C-15	MXH-5182A-15
MXH-1739-4	MXH-2753-7.5	MXH-3061B-7.5	MXH-3668C-15	MXH-3668G-15	MXH-4273C-18.5	MXH-5182A-18.5
MXH-1739-5.5	MXH-2753-11	MXH-3061B-11	MXH-3668C-18.5	MXH-3668G-18.5	MXH-4273C-22	MXH-5182A-22
MXH-1739-7.5	MXH-2753-15	MXH-3061B-15	MXH-3668C-22	MXH-3668G-22	MXH-4273C-30	MXH-5182A-30
MXH-1739-11	MXH-2753-18.5	MXH-3061B-18.5	MXH-3668C-30	MXH-3668G-30	MXH-4273C-37	MXH-5182A-37
	MXH-2753-22	MXH-3061B-22	MXH-3668C-37	MXH-3668G-37	MXH-4273C-45	MXH-5182A-45
			MXH-3668C-45	MXH-3668G-45	MXH-4273C-55	MXH-5182A-55
MXH-2041-2.2				MXH-3668G-55		
MXH-2041-3	MXH-2758A-4	MXH-3061C-4			MXH-4273D-11	MXH-5182B-11
MXH-2041-4	MXH-2758A-5.5	MXH-3061C-5.5	MXH-3668D-7.5		MXH-4273D-15	MXH-5182B-15
MXH-2041-5.5	MXH-2758A-7.5	MXH-3061C-7.5	MXH-3668D-11	MXH-3668H-7.5	MXH-4273D-18.5	MXH-5182B-18.5
MXH-2041-7.5	MXH-2758A-11	MXH-3061C-11	MXH-3668D-15	MXH-3668H-11	MXH-4273D-22	MXH-5182B-22
MXH-2041-11	MXH-2758A-15	MXH-3061C-15	MXH-3668D-18.5	MXH-3668H-15	MXH-4273D-30	MXH-5182B-30
	MXH-2758A-18.5	MXH-3061C-18.5	MXH-3668D-22	MXH-3668H-18.5	MXH-4273D-37	MXH-5182B-37
MXH-2244-3	MXH-2758A-22	MXH-3061C-22	MXH-3668D-30	MXH-3668H-22	MXH-4273D-45	MXH-5182B-45
MXH-2244-4		MXH-3061C-30	MXH-3668D-37	MXH-3668H-30	MXH-4273D-55	MXH-5182B-55
MXH-2244-5.5	MXH-2758B-4		MXH-3668D-45	MXH-3668H-37		
MXH-2244-7.5	MXH-2758B-5.5	MXH-3668A-7.5		MXH-3668H-45		
MXH-2244-11	MXH-2758B-7.5	MXH-3668A-11	MXH-3668E-7.5	MXH-3668H-55	MXH-4273E-11	MXH-5182C-11
	MXH-2758B-11	MXH-3668A-15	MXH-3668E-11		MXH-4273E-15	MXH-5182C-15
MXH-2252A-3	MXH-2758B-15	MXH-3668A-18.5	MXH-3668E-15	MXH-4273A-11	MXH-4273E-18.5	MXH-5182C-18.5
MXH-2252A-4	MXH-2758B-18.5	MXH-3668A-22	MXH-3668E-18.5	MXH-4273A-15	MXH-4273E-22	MXH-5182C-22
MXH-2252A-5.5	MXH-2758B-22	MXH-3668A-30	MXH-3668E-22	MXH-4273A-18.5	MXH-4273E-30	MXH-5182C-30
MXH-2252A-7.5		MXH-3668A-37	MXH-3668E-30	MXH-4273A-22	MXH-4273E-37	MXH-5182C-37
MXH-2252A-11	MXH-2758C-4		MXH-3668E-37	MXH-4273A-30	MXH-4273E-45	MXH-5182C-45
	MXH-2758C-5.5	MXH-3668B-7.5	MXH-3668E-45	MXH-4273A-37	MXH-4273E-55	MXH-5182C-55
MXH-2252B-3	MXH-2758C-7.5	MXH-3668B-11		MXH-4273A-45		
MXH-2252B-4	MXH-2758C-11	MXH-3668B-15	MXH-3668F-7.5		MXH-4273F-11	MXH-5182D-11
MXH-2252B-5.5	MXH-2758C-15	MXH-3668B-18.5	MXH-3668F-11	MXH-4273B-11	MXH-4273F-15	MXH-5182D-15
MXH-2252B-7.5	MXH-2758C-18.5	MXH-3668B-22	MXH-3668F-15	MXH-4273B-15	MXH-4273F-18.5	MXH-5182D-18.5
MXH-2252B-11	MXH-2758C-22	MXH-3668B-30	MXH-3668F-18.5	MXH-4273B-18.5	MXH-4273F-22	MXH-5182D-22
		MXH-3668B-37	MXH-3668F-22	MXH-4273B-22	MXH-4273F-30	MXH-5182D-30
MXH-2749-3	MXH-3061A-4	MXH-3668B-45	MXH-3668F-25	MXH-4273B-30	MXH-4273F-37	MXH-5182D-37
MXH-2749-4	MXH-3061A-5.5		MXH-3668F-30	MXH-4273B-37	MXH-4273F-45	MXH-5182D-45
MXH-2749-5.5	MXH-3061A-7.5		MXH-3668F-37	MXH-4273B-45	MXH-4273F-55	MXH-5182D-55
MXH-2749-7.5	MXH-3061A-11		MXH-3668F-45	MXH-4273B-55		
MXH-2749-11	MXH-3061A-15				MXH-4273G-11	MXH-5182E-11
MXH-2749-15	MXH-3061A-18.5				MXH-4273G-15	MXH-5182E-15
MXH-2749-18.5	MXH-3061A-22				MXH-4273G-18.5	MXH-5182E-18.5
					MXH-4273G-22	MXH-5182E-22
					MXH-4273G-30	MXH-5182E-30
					MXH-4273G-37	MXH-5182E-37
					MXH-4273G-45	MXH-5182E-45
					MXH-4273G-55	MXH-5182E-55

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### Footnotes:

1. Add suffix -S4 for SS304 or -S6 for SS316 stainless steel structural members & hardware
2. Add suffix -F4 for SS304 or -F6 for SS316 stainless steel casing, structural members & hardware
3. Add suffix -G for HDGS casing, structural members & hardware
4. Add suffix /Q to any model number for units with optional Super Low Noise Fan. When using super low noise fans, the tower capacity shall be de-rated by 2%.
5. Add suffix /E for optional additional drift eliminator (incurs 2% capacity reduction compared to standard models)
6. Add suffix /A for optional additional air inlet louver (incurs 2% capacity reduction compared to standard models)
7. Certification includes units with optional gear drive in place of standard belt drive.
8. Add suffix /V to any model number for units with optional Velocity Recovery Fan Stacks, increase the capacity of the tower by 2% to 7%, Refer to the Model Selection tables (49-point table) at the Mesan website.
9. Multiple cell configurations of the single cell models above are also available but not listed individually. Multi-cell configurations are end-wall to end-wall arrangements of the single cell designs which do not impact the air flow rate or capacity of the individual cells, and are included in the certification. See example model number, below.

Sample Model Number: MXH-3061C-15/V-S6-2

Where,

- MXH = product subgroup designator
- 3061C = box size designator
- 15 = motor size, kW
- /V = with Velocity Recovery fan stacks
- S6 = SS316 structural members and hardware
- 2 = number of cells