



MXC

横流闭式冷却塔

Closed Circuit Cross Flow Induced Draft



The **Green**
Builder's Choice

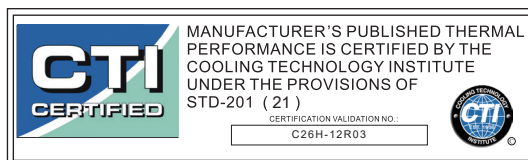
概述 Overview

MXC 系列采用密闭式水循环系统，避免与外界空气接触污染，在确保系统安全可靠运行的前提下，既保证了系统水质清洁稳定，更保持用户设备的高效性能。

The MXC series are closed circuit, cross-flow induced draft type cooling towers. They completely isolate process cooling fluid from the atmosphere to keep it clean and contaminant free in a chiller system loop. A closed loop system protects the quality of the process fluid, reduces system maintenance costs and provides added protection to expensive chillers.

MXC 不锈钢盘管全系列有 22 个塔体，共 137 个型号，可选水流量从 55m³/h 至 500m³/h。

MXC-S 不锈钢盘管全系列有 14 个塔体，共 49 个型号，可选水流量从 23m³/h 至 225m³/h。

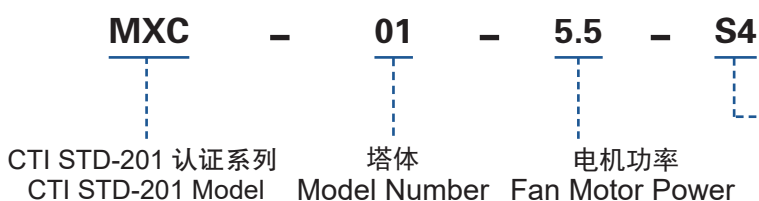


The MXC series is available in 22 box sizes with 137 models in capacities ranging from 55m³/h to 500m³/h.

The MXC series is available in 14 box sizes with 49 models in capacities ranging from 23m³/h to 225m³/h.



型号说明 Model Designation



F4/F6 - 304/316 不锈钢塔
S4/S6 - 结构件为 304/316 不锈钢
G - 镀锌钢塔
F4/F6 - for SS304/316 Casing & Structure
S4/S6 - for FRP Casing & SS304/316 Structure
G - for HDGS Casing & Structure

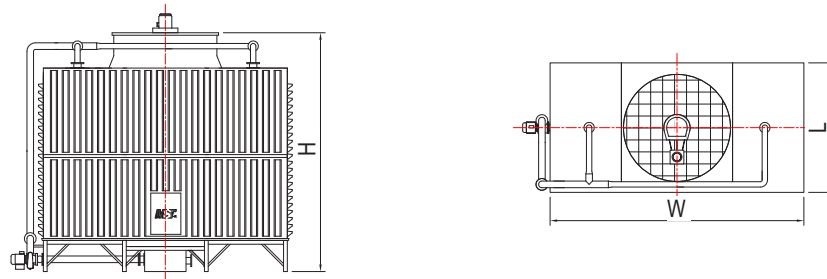
设计特性 Features

- 外壳面板选用波纹型玻璃钢制造，不仅展现出卓越的抗腐蚀性能。可升级为镀锌钢、304 或 316 不锈钢。框架结构采用镀锌钢制造，同时拥有高强度及高耐腐蚀性能。可升级为 304 或 316 不锈钢。
- 能效标准优于 ASHRAE 90.1 标准，适用于 LEED 认证。
- 轴流式高效风机，铝合金叶片采用中空机翼型设计，低噪、高效、节能。
- 便捷的维护操作，提供充足的检修空间，设有宽敞的检查走道便于维护操作。
- 可模块化工厂预组装单元设计，通过板车或集装箱运输，保证安装质量和成本。
- Casing panel is made of corrugated fiberglass reinforced plastic, which not only exhibits excellent corrosion resistance but also possesses outstanding mechanical properties. Available in HDGS, SS-304 or SS-316 steel casing.
- **Durable Heavy Gauge Steel Structure** in galvanized or stainless steel 304/316 of long-life construction .
- **Exceed energy efficiency** to meet ASHRAE Standard 90.1 for LEED accreditation.
- High efficiency axial fan reduces the pressure drop fill design to optimize **Energy Saving**.
- **Easiest Access & Safety** with spacious access and walkways for inspection.
- **Modular Factory Assembled Units** transported on trailer and shipping containers guarantee consistent quality and lowest the installation cost.

MXC

技术数据

Product Technical Data



型号 Model	电机 Motor (kW)	流量 WFR (m³/h)	尺寸 Dimensions (mm)			泵 Pump (kW)
			L	W	H	
01	3	55	2220	4540	4234	1.5
	4	60				
	5.5	66				
02	4	59	2220	4540	4400	1.5
	5.5	65				
	7.5	71				
03	5.5	83	2750	5250	4505	2.2
	7.5	91				
	11	100				
04	7.5	106	2750	5250	5070	3
	11	116				
	15	125				
05	7.5	125	2940	5550	4970	4
	11	137				
	15	150				
06	11	155	2940	5550	5473	4
	15	170				
	18.5	178				
07	11	195	3810	6420	5080	5.5
	15	211				
	18.5	221				
	22	232				
08	11	225	3810	6420	5255	7.5
	15	245				
	18.5	257				
	22	270				
	30	285				

注:

- ① 设计工况: 进水温度 37℃, 出水温度 32℃, 湿球温度 28℃。
- ② 所有冷却塔标示的设计处理量, 皆以通风条件良好的现场安装环境为前提。

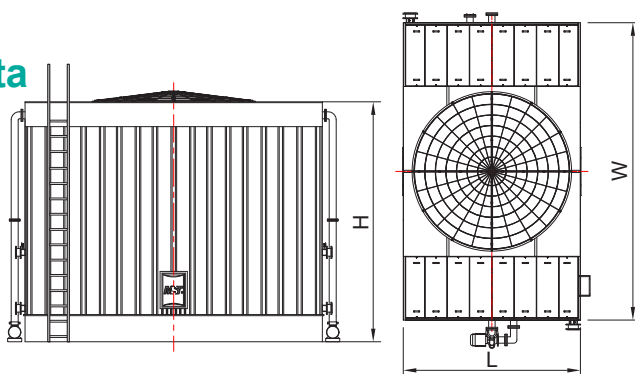
Note:

- ① Secure the base of the cooling tower with the anchor bolts.
- ② Buyer is responsible for the tower support and for the positioning and diameter of the anchoring bolts to comply with local building codes.

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技术数据

Product Technical Data



型号 Model	电机 Motor (kW)	流量 WFR (m³/h)	尺寸 Dimensions (mm)			泵 Pump (kW)
			L	W	H	
10	3	55	2258	3990	3615	0.75×2
	4	61				1.1×2
	5.5	68				1.1×2
11	4	69	2258	4188	3795	1.1×2
	5.5	78				1.1×2
	7.5	86				1.5×2
12	4	73	2562	4495	3672	1.1×2
	5.5	81				1.1×2
	7.5	90				1.5×2
13	5.5	87	2844	4575	3672	1.5×2
	7.5	96				1.5×2
	11	111				1.5×2
14	7.5	111	2844	4775	3850	1.5×2
	11	126				2.2×2
	15	140				2.2×2
15	7.5	128	3088	5486	3900	2.2×2
	11	146				2.2×2
	15	161				2.2×2
16	7.5	157	3088	5486	4570	2.2×2
	11	178				2.2×2
	15	198				2.2×2
	18.5	213				2.2×2
17	11	197	3432	5830	4870	2.2×2
	15	219				2.2×2
	18.5	235				2.2×2
	22	249				2.2×2
	30	276				3×2
17L	11	197	3432	5830	4675	2.2×2
	15	219				2.2×2
	18.5	235				2.2×2
	22	249				2.2×2
	30	276				3×2

注:

① 设计工况: 进水温度 37°C, 出水温度 32°C, 湿球温度 28°C。

② 所有冷却塔标示的设计处理量, 皆以通风条件良好的现场安装环境为前提。

型号 Model	电机 Motor (kW)	流量 WFR (m³/h)	尺寸 Dimensions (mm)			泵 Pump (kW)
			L	W	H	
18	11	226	3432	5830	5570	2.2×2
	15	252				3×2
	18.5	270				3×2
	22	287				3×2
	30	319				3×2
18L	11	226	3432	5830	5375	2.2×2
	15	252				3×2
	18.5	270				3×2
	22	287				3×2
	30	319				3×2
19	11	217	3828	6226	4870	2.2×2
	15	241				2.2×2
	18.5	259				3×2
	22	275				3×2
	30	304				4×2
	37	327				4×2
19L	11	217	3828	6226	4725	2.2×2
	15	241				2.2×2
	18.5	259				3×2
	22	275				3×2
	30	304				4×2
	37	327				4×2
20	11	251	3828	6226	5730	3×2
	15	279				3×2
	18.5	300				3×2
	22	318				4×2
	30	353				4×2
	37	379				5.5×2
20L	11	251	3828	6226	5530	3×2
	15	279				3×2
	18.5	300				3×2
	22	318				4×2
	30	353				4×2
	37	379				5.5×2
21	11	260	3828	6776	5530	3×2
	15	290				3×2
	18.5	311				3×2
	22	330				4×2
	30	366				5.5×2
	37	393				5.5×2
	45	420				5.5×2

Note:

- ① Secure the base of the cooling tower with the anchor bolts.
- ② Buyer is responsible for the tower support and for the positioning and diameter of the anchoring bolts to comply with local building codes.

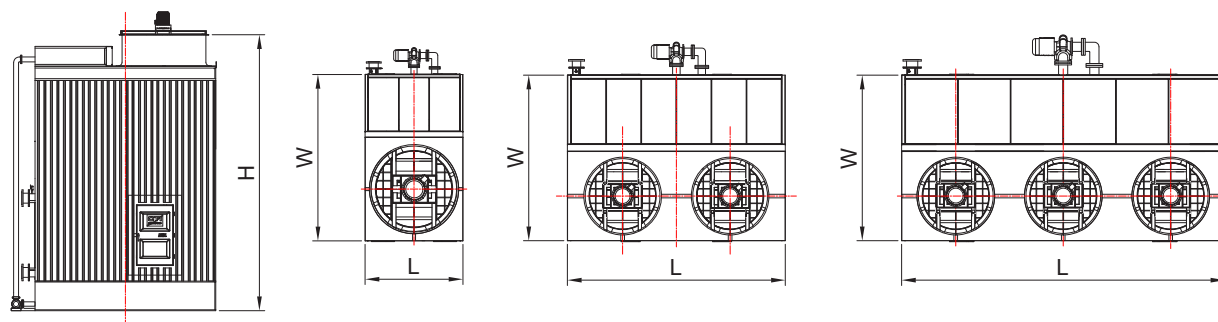
MXC 技术数据 Product Technical Data

型号 Model	电机 Motor (kW)	流量 WFR (m³/h)	尺寸 Dimensions (mm)			泵 Pump (kW)
			L	W	H	
21L	11	260	3828	6776	5335	3×2
	15	290				3×2
	18.5	311				3×2
	22	330				4×2
	30	366				5.5×2
	37	393				5.5×2
	45	420				5.5×2
22	15	268	4132	7070	5030	3×2
	18.5	288				3×2
	22	305				4×2
	30	339				4×2
	37	363				5.5×2
	45	388				5.5×2
22L	15	268	4132	7070	4830	3×2
	18.5	288				3×2
	22	305				4×2
	30	339				4×2
	37	363				5.5×2
	45	388				5.5×2
23	15	310	4132	7070	5530	4×2
	18.5	333				4×2
	22	353				4×2
	30	392				5.5×2
	37	420				7.5×2
	45	449				7.5×2
23L	15	310	4132	7070	5330	4×2
	18.5	332				4×2
	22	353				4×2
	30	392				5.5×2
	37	420				7.5×2
	45	449				7.5×2
24L	15	343	4132	7070	6085	5.5×2
	18.5	369				5.5×2
	22	392				7.5×2
	30	436				7.5×2
	37	468				7.5×2
	45	500				7.5×2

Note:

- Nominal water flow is defined as rate of water cooled from 37°C to 32°C temperature.
- Satisfactory performance is based on precise selection, proper system design and installation in a clean and well-ventilated location.

MXC-S 技术数据 Product Technical Data



型号 Model	电机 Motor (kW)	流量 WFR (m³/h)	尺寸 Dimensions (mm)			泵 Pump (kW)
			L	W	H	
MXC-S						
01A	2.2	23	1654	2505	4110	0.55
	3	25				0.55
	4	28				0.55
01B	2.2x2	46	3190	2505	4165	1.5
	3x2	51				1.5
	4x2	57				1.5
01C (L)	2.2x3	69	4726	2505	4205 (4105)	2.2
	3x3	76				2.2
	4x3	85				2.2
02A	3	38	1654	3055	4665	1.1
	4	42				1.1
	5.5	47				1.5
	7.5	52				1.5
02B (L)	3x2	75	3190	3055	4705 (4605)	2.2
	4x2	84				2.2
	5.5x2	93				2.2
	7.5x2	103				2.2
03A	4	58	2074	3255	5405	2.2
	5.5	64				2.2
	7.5	79				2.2
03B (L)	4x2	116	4030	3255	5455 (5305)	2.2
	5.5x2	128				3
	7.5x2	158				3
04A (L)	4	80	2074	3540	5895 (5770)	2.2
	5.5	89				2.2
	7.5	99				2.2
	11	113				2.2
04B (L)	4x2	160	4030	3540	6020 (5830)	4
	5.5x2	178				4
	7.5x2	199				5.5
	11x2	225				5.5

Note:

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MXH



MXL



MFD



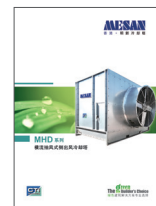
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MXC - FC



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MHD

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