温控调节系列
水式模温机

Water Type Mold Temperature Machine



使用水为传热媒介，以直接(低温型)或间接冷却(高温型)方式达到热交换。具有热传导效率高，污染少，水资源容易取得，使用成本低等优点。标准型温度控制达120~180℃。

Water Type Mold Temperature Controllers use water as heating media to realizeheat exchange by direct cooling for standard temperature control from 120~180℃Water type has its superiorities with high efficient heat transmission, less pollutionwater resource easy to be attained with low cost.

● 特点 Features

- 模温机专用触摸屏控制器，控温更合理，省电35%以上。
- 安全保护及故障指示系统完善，维修方便无需专业人员。
- 高品质组件，使用年限长。
- 升降温速度快，温度精确稳定，可达±0.1℃。
- 独特的加热设计，适合不同温控场所使用，节能效果明显。
- 主管路采用304不锈钢一体成型，管损小，加热均匀，使用寿命长。
- 开机自动排气功能。

- P.I.D multi-stage temperature control system cansave power up to 35% thanks to control temperature accurately & reasonably.
- Perfect safety protection and error indicationdisplay which are easymaintained and repaired,even without professionals can do it.
- Imported hi-class parts with long service life.
- Rapid heating and cool down speeds leadtemperature to be kept precisely and stably withaccuracy up to ±0.1
- Unique heating design are suitable to different temperature control application with excellent &distinct power saving.
- 304 stainless steel integrated pipelines with lesspipe resistance and even heating for long service life.
- Automatic air-exhausting function after startup.

● 安全保护及指示系统 Safety Protecting and Indiction System

安全保护及指示系统
Safty Protection and Indiction System

电源欠相保护
Power lack-phase protection

总电源保护及指示灯
Power supply protection and indicating lamp

泵反转保护及指示灯
Pumpreverse protection and indicating lamp

泵过载保护及指示灯
Pump overload protection and indicating lamp

缺水保护及指示灯
Water shortage protection and indicating lamp

过热保护及指示灯
Overheat protection and indicating lamp

热水By-pass压回路
Hot water by-pass pressure release loop

强制冷却
Forced cooling

温度异常警报
Abnormal temperature alarm

异常警报蜂鸣器
Abnormal alarm buzzer

● 规格表 Specification Sheet

产品型号Model		CHTW-06U	CHTW-09U	CHTW-12U	CHTW-18U	CHTW-24U	CHTW-09H	CHTW-12H
最高温度 Max Temperature	℃	120					160	
冷却方式 Cool Mode		直接冷却 Direct Cool					间接冷却 Indirect Cool	
热媒 Thermal Media		清水 Clean Water						
电热功率 Heater Capacity	KW	6	9	12	18	24	9	12
泵浦功率 Pump Power	KW	0.37	0.75	1.5	1.5	2.2	1.1	1.5
泵浦最大泵浦 Pump Max.Flow	L/min	35	50	110	250	320	42	74
泵浦最大压力 Pump Max.Pressure	bar	3	3.5	4	7	9	5.0	6.2
媒体进出口径(分流器型式) Inlet/Outle Pipe(Splitter)	inch	3/8"	3/8"	3/8"	1"	1"	3/8"	3/8"
		4进4出 4-in/4-out	4进4出 4-in/4-out	4进4出 4-in/4-out	1进1出 1-in/1-out	1进1出 1-in/1-out	4进4出 4-in/4-out	4进4出 4-in/4-out
发热泡数 NO. Of Heat-Bubbles		35	50	110	250	320	42	74
发热泡容量 Heat-Bubble Capacity	L	3	3.5	4	7	9	5.0	6.2
外形尺寸 Dimensions LxWxH	CM	91×33×67	91×33×67	91×33×67	102×36×92	102×36×92	102×47×92	102×47×92
机器重量 Weight	KG	65	75	85	110	165	85	95

注：产品规格若有变更，恕不另行通知。 Note: We reserve right to change specifications without prior notice.

温控调节系列
油式模温机

Oil Type Mold Temperature Machine



使用油为传热媒介，以间接冷却方式达到热交换，具有控温范围大，热稳定性好等优点。标准型温度控制达200℃，高温型已达300℃。

Oil Type Mold Temperature Controller use oil as heating media torealize heat exchange by indirect cooling. Oil type has itssuperiorities with wide temperature controlled range and excellentheat stability. Standard heating temperature can reach at 200℃while high temperature type can reach 300℃.

● 特点 Features

- 电控箱与机身隔离，隔热效果佳，电气元件使用寿命长。
- 模温机专用触摸屏控制器，控温更合理，省电35%以上。
- 安全保护及故障指示系统完善，维修方便无需专业人员。
- 高品质组件，使用年限长。
- 升降温速度快，温度精确稳定，可达±0.1℃。
- 独特的加热设计，适合不同温控场所使用，节能效果明显。
- 主管路采用304不锈钢一体成型，管损小，加热均匀使用寿命长。
- 开机自动排气功能。

- Electronic control panel and machine body areisolated to acquire good effects on heat insulationin order to extend the service life of electricalcomponents.
- P.I.D multi-stage temperature control system cansave power up to 35% thanks to controltemperature accurately & reasonably.
- Perfect safety protection and error indicationdisplay which are easymaintained and repaired,even without professionals can do it.
- Imported hi-class parts with long service life.
- Rapid heating and cool down speeds lead temperature to be kept precisely and stably withaccuracy up to ±0.1
- Unique heating design are suitable to differenttemperature control application with excellent &distinct power saving.
- 304 stainless steel integrated pipelines with lesspipe resistance and even heating for long servicelife.
- Automatic air-exhausting function after startup.

● 安全保护及指示系统 Safety Protecting and Indiction System

电源欠相保护
Power lack-phase protection

总电源保护及指示灯
Power supply protection and indicating lamp

泵反转保护及指示灯
Pumpreverse protection and indicating lamp

泵过载保护及指示灯
Pump overload protection and indicating lamp

缺水保护及指示灯
Water shortage protection and indicating lamp

过热保护及指示灯
Overheat protection and indicating lamp

热水By-pass压回路
Hot water by-pass pressure release loop

强制冷却
Forced cooling

温度异常警报
Abnormal temperature alarm

异常警报蜂鸣器
Abnormal alarm buzzer

缺油保护及指示器
Oil shortage protection and indicating lamp

● 规格表 Specification Sheet

产品型号Model		CHTO-06U	CHTO-09U	CHTO-12U	CHTO-18U	CHTO-24U
最高温度 Max Temperature	℃	200				
冷却方式 Cool Mode		间接冷却 Indirect Cool				
热媒 Thermal Media		导热油 Thermal Oil				
电热功率 Heater Capacity	KW	6	9	12	18	24
泵浦功率 Pump Power	KW	0.37	0.75	1.5	1.5	2.2
泵浦最大泵浦 Pump Max.Flow	L/min	35	50	110	250	320
泵浦最大压力 Pump Max.Pressure	bar	3	3.5	4	7	9
媒体进出口径(分流器型式) Inlet/Outle Pipe(Splitter)	inch	3/8"	3/8"	3/8"	1"	1"
		4进4出 4-in/4-out	4进4出 4-in/4-out	4进4出 4-in/4-out	1进1出 1-in/1-out	1进1出 1-in/1-out
发热泡数 NO. Of Heat-Bubbles		1	1	1	2	2
发热泡容量 Heat-Bubble Capacity	L	3	3.5	4	7	9
外形尺寸 Dimensions LxWxH	CM	91×33×67	91×33×67	91×33×67	102×36×92	102×36×92
机器重量 Weight	KG	65	75	85	110	165

温控调节系列
风冷冷水机

Air Cooled Chiller



● 特点 Features

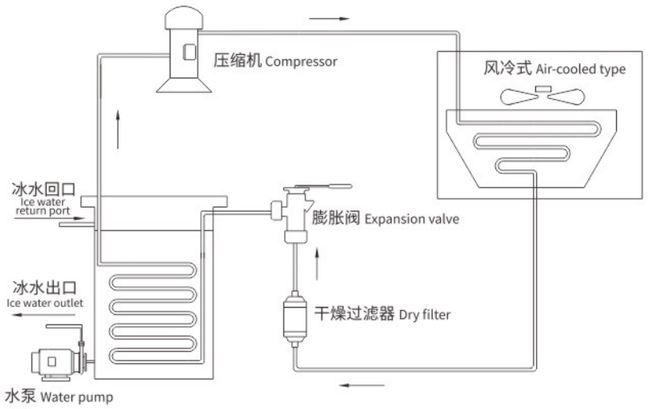
- 采用进口高品质压缩机及进口水泵，安全宁静、省电耐用。
- 采用全电脑温控器，操作简洁，能准确地控制水温在5-35℃。
- 冷凝器及蒸发器设计独特，换热效果更佳。
- 有电流过载保护，高低压控制及电子式时间延迟安全装置，当发生故障时及时发出警报及显示故障原因。
- 内置304不锈钢保温水箱，经久耐用，清洗方便。
- 设有逆相欠相保护和防冰保护。

- To adopt imported superb compressors and pumps to ensure safe & quietrunning, power saving and durable service life.
- To employ microcomputer with easy operation which can control temperature within 5 to 35 precisely.
- Unique design for condenser and heat-dispersion unit result in excellent heat-exchange effect.
- To equip with electrical current overload protection, high & low-pressure switch, electronic timer delay safety device. It will alarm to display faulty while any malfunction occurs.
- To adopt with internal 304 stainless steel insulated water tank with durable service life for easy cleaning & maintenance.
- Complete safety devices including power reverse phase & power short phase and anti-freeze protection.

风冷式采用翅片式冷凝器，导热快，散热效果佳，无需提供冷却水。可提供5~35℃，低温型更可低至3℃的冰水(温差不超过±1℃)，压缩机功率从3HP~30HP。

Air Chillers adopt fin condensers (without need of cooling water) with thefeatures of rapid heat transmission and excellent heat dispersion. Thisseries can be afforded cooling ranges from 5~35℃, even lower to 3℃(temperature controlled accuracy at 1℃). The compressors' powerrange from 3HP~30HP and cooling.

● 结构原理 Structural Principle



● 风冷盘管式冷水机规格表 Air Chillers Spiral Type

产品型号 Model		APC03	APC05	APC08	APC10	APC15	APC20	APC30
制冷量 Cooling Capacity	KW	8.4	13.9	21.8	28.0	44.1	59.0	87.2
压缩机数量 Number of Compressors	台 Set	1	1	2	2	3	2	3
压缩机总功率 Compressor Total Power	HP	3	5	8	10	15	20	30
总输入功率 Total Input Power	KW	3.6	5.5	8.6	11	17	22.8	33.7
使用冷媒 Refrigerant		R22						
蒸发器类型 Evaporator Type		盘管式 Spiral Type						
冷凝器类型 Condenser Type		翅片式 Fin-Type						
散热风机数量Number of Blower		1	2	2	2	3	4	6
单个风扇功率Per Fan Capacity	W	129	180	414	414	600	780	780
冷冻水进出口数量 Number of Chilled Water Inlet/outlet	组 Group	1	1	1	1	1	1	1
冷冻水进出水口径 Chilled Water I/O Diameter		DN25	DN25	DN40	DN40	DN50	DN50	DN65
水泵功率Pump Power	KW	0.37	0.75	0.75	1.1	1.5	2.2	2.2
水泵扬程 Pump Head	mm	20	20	20	20	30	30	32
水泵流量 Pump Flow Rate	L/min	85	85	135	270	270	270	330
外观尺寸Dimensions LxWxH	CM	118×55×122	130×65×125	155×76×138	155×76×138	170×72×162	190×82×173	260×103×185
机器重量Weight	KG	170	220	270	350	520	590	790

注：产品规格若有变更，恕不另行通知。 Note: We reserve right to change specifications without prior notice.

● 风冷壳管式冷水机规格表 Air Chillers Tube-in-shell Type

产品型号Model		ASTC03	ASTC05	ASTC08	ASTC10	ASTC15	ASTC20	ASTC30
制冷量Cooling Capacity	KW	8.4	13.9	21.8	28.0	44.1	59.0	87.2
压缩机数量 Number of Compressors	台 Set	2	1	2	2	3	2	3
压缩机总功率 Compressor Total Power	HP	3	5	8	10	15	20	30
总输入功率 Total Input Power	KW	3.6	5.5	8.6	11	17	22.8	33.7
使用冷媒 Refrigerant		R22						
蒸发器类型 Evaporator Type		壳管式 Tube-in-shell Type						
冷凝器类型 Condenser Type		翅片式 Fin-Type						
散热风机数量Number of Blower		1	2	2	2	3	4	6
单个风扇功率Per Fan Capacity	W	129	180	414	414	600	780	780
冷冻水进出口数量 Number of Chilled Water Inlet/outlet	组 Group	1	1	1	1	1	1	1
冷冻水进出水口径 Chilled Water I/O Diameter		DN25	DN25	DN40	DN40	DN50	DN50	DN65
水泵功率 Pump Power	KW	0.37	0.75	0.75	1.1	1.5	2.2	2.2
水泵扬程 Pump Head	mm	20	20	20	20	30	30	32
水泵流量 Pump Flow Rate	L/min	85	85	135	270	270	270	330
外观尺寸Dimensions LxWxH	CM	118×55×122	130×65×125	155×76×138	155×76×138	170×72×162	190×82×173	260×103×185
机器重量Weight	KG	170	220	270	350	520	590	790

注：产品规格若有变更，恕不另行通知。 Note: We reserve right to change specifications without prior notice.

温控调节系列
水冷冷水机

Water Cooled Chiller



水冷式采用壳管式冷凝器，导热快，散热效果佳。可提供5~35℃，低温型更可低至3℃的冰水(温差不超过±1℃)，压缩机功率从3HP~40HP。

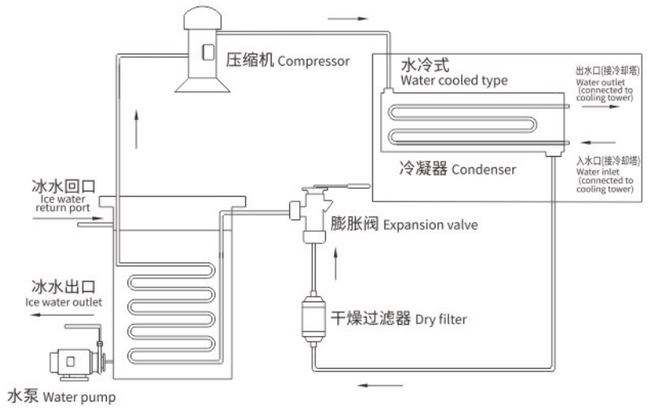
Water Chillers adopt shell-shape condensers with the features of rapid heat transmission and excellent heat dispersion. This series can be afforded cooling ranges from 5~35℃, even lower to 3℃ (temperature controlled accuracy at ±1℃)The compressors' power range from 3HP~40HP.

● 特点 Features

- 采用进口高品质压缩机及进口水泵，安全宁静、省电耐用。
- 采用全电脑温控器，操作简洁，能准确地控制水温在5-35℃。
- 冷凝器及蒸发器设计独特，换热效果更佳。
- 有电流过载保护，高低压控制及电子式时间延迟安全装置，当发生故障时及时发出警报及显示故障原因。
- 内置304不锈钢保温水箱，经久耐用，清洗方便。
- 设有逆相欠相保护和防冰保护。

- To adopt imported superb compressors andpumps to ensure safe & quietrunning, power saving and durable service life.
- To employ microcomputer with easy operation which can control temperature within 5 to 35 precisely.
- Unique design for condenser and heat-dispersion unit result in excellent heat-exchange effect.
- To equip with electrical current overload protection, high & low-pressure switch, electronic timer delay safety device. It will alarm to display faulty while any malfunction occurs.
- To adopt with internal 304 stainless steel insulated water tank with durable service life for easy cleaning & maintenance.
- Complete safety devices including power reverse phase & power short phase and anti-freeze protection.

● 结构原理 Structural Principle



● 水冷盘管式冷水机规格表 Water Chillers Spiral Type

产品型号Model		WPC03	WPC05	WPC10	WPC15	WPC20	WPC25	WPC30
制冷量 Cooling Capacity	KW	9.5	15.9	31.8	50.1	67.1	81.5	99.2
压缩机数量 Number of Compressors	台Set	1	1	2	3	2	2	3
压缩机总功率 Compressor Total Power	HP	3	5	10	15	20	25	30
总输入功率 Total Input Power	KW	3.55	4.5	8.4	13.1	17.3	21.3	25.6
使用冷媒 Refrigerant		R22						
控制方式 Control Type		毛细管 Capillary						
蒸发器类型 Evaporator Type		盘管式 Spiral Type						
冷凝器类型 Condenser Type		壳管式 Tube-in-shell Type						
冷凝器散热水口径 Condenser Hot Wat		DN25	DN25	DN40	DN50	DN50	DN65	DN65
冷冻水进出口数量 Number of Chilled Water Inlet/outlet	组 Group	1	1	1	1	1	1	1
冷却水进出水口径 Cooling Water I/O Diameter		DN25	DN25	DN40	DN50	DN50	DN65	DN65
冷冻水进出水口径 Chilled Water I/O Diameter		DN25	DN25	DN40	DN50	DN50	DN65	DN65
水泵功率 Pump Power	KW	0.375	0.75	1.1	1.5	1.5	2.2	3
水泵扬程 Pump Head	mm	20	20	20	20	30	30	32
水泵流量 Pump Flow Rate	L/min	85	85	135	270	270	270	330
外形尺寸 Dimensions LxWxH	CM	93×57×100	93×57×100	146×67×135	176×67×136	176×72×141	210×87×162	210×87×162
机器重量 Weight	KG	120	150	290	400	440	690	690

注:产品规格若有变更,恕不另行通知。 Note: We reserve right to change specifications without prior notice.

● 水冷壳管式冷水系统规格表 Water Chillers Tube-in-shell Type

产品型号Model		WST03	WST05	WST10	WST15	WST20	WST25	WST30
制冷量 Cooling Capacity	KW	9.5	15.9	31.8	50.1	67.1	81.5	99.2
压缩机数量 Number of Compressors	台 Set	1	1	2	3	2	2	3
压缩机总功率 Compressor Total Power	HP	3	5	10	15	20	25	30
总输入功率 Total Input Power	KW	3.55	4.5	8.4	13.1	17.3	21.3	25.6
使用冷媒 Refrigerant		R22						
控制方式 Control Type		外平衡式热力膨胀阀 External Balanced Thermal Expansion Valve						
蒸发器类型 Evaporator Type		壳管式 Tube-in-shell type						
蒸发器进出水口径 Evaporator Inlet/outlet Size		DN25	DN25	DN40	DN50	DN50	DN65	DN65
冷凝器散热水口径 Condenser Hot Wat		DN25	DN25	DN40	DN50	DN50	DN65	DN65
冷凝器类型 Condenser Type		壳管式 Tube-in-shell type						
冷冻水进出口数量 Number of Chilled Water Inlet/outlet	组 Group	1	1	1	1	1	1	1
冷却水进出水口径 Cooling Water I/O Diameter		DN25	DN25	DN40	DN50	DN50	DN65	DN65
冷冻水进出水口径 Chilled Water I/O Diameter		DN25	DN25	DN40	DN50	DN50	DN65	DN65
水泵功率 Pump Power	KW	0.375	0.75	1.1	1.5	1.5	2.2	3
水泵扬程 Pump Head	mm	20	20	20	20	30	30	32
水泵流量 Pump Flow Rate	L/min	85	85	135	270	270	270	330
外形尺寸 Dimensions LxWxH	CM	93×57×100	93×57×100	146×67×135	176×67×136	176×72×141	210×87×162	210×87×162
机器重量 Weight	KG	120	150	290	400	440	690	690

注:产品规格若有变更,恕不另行通知。 Note: We reserve right to change specifications without prior notice.

温控调节系列
螺杆式冷水机

Screw Type Chiller



螺杆冷水机采用先进的螺杆压缩技术，通过精确的温控系统和高效的热交换器设计，实现了制冷效率的大幅提升。与传统的制冷设备相比，螺杆冷水机，在相同制冷量下，能耗更低，运行成本更低，为用户节省了大量的能源费用。

The screw chiller adopts advanced screw compression technology and achieves a significant improvement in refrigeration efficiency through precise temperature control system and efficient heat exchanger design. Compared with traditional refrigeration equipment, screw chillers have lower energy consumption and operating costs under the same refrigeration capacity, saving users a lot of energy costs.

低温螺杆冷水机　Low Temperature Screw Chiller
大型螺杆冷水机　Large Screw Chiller

● 特点 Features

- 高效可选满液式蒸发器，扩大有效换热面积，提高机组换热效率。
- 机组采用PLC控制器，具有符合智能控制，安全智能控制，故障智能处理等功能。
- 电子膨胀阀，控制精确，反应灵敏，无滞后性。
- 压缩机可选双螺杆压缩机，运行动态平稳及超长寿命轴承设计，可靠性更高。
- 机组具有强大的保护措施，设计电源、压缩机、压力、温度等20余项保护。

- Efficient optional full liquid evaporator can expand the effective heat transfer area and improve the heat transfer efficiency of the unit.
- The unit adopts PLC controller, which has functions such as intelligent control, safety intelligent control, and intelligent fault handling.
- Electronic expansion valve, precise control, sensitive response, and no hysteresis.
- The compressor can be a twin-screw compressor, with stable operation and ultra long life bearing design, providing higher reliability.
- The unit has powerful protective measures, including more than 20 protections for power supply, compressor, pressure, temperature…

● 螺杆冷水机规格表 Screw Chiller Specification Table

产品型号Model			SW40P	SW50P	SW80P	SW100P	SW120P	SW140P	SW160P
制冷量 Cooling Capacity		KW	139.9	183.5	330.6	362	431.1	541.7	667
输入功率 Input Power		KW	29.6	37.1	64.6	71.1	86.3	105.8	127.4
能效比 COP			4.73	4.95	5.12	5.09	5.00	5.12	5.24
电源 Power			3PH - 380VAC/50Hz						
压缩机 Compressor	形式 Modality		半封闭螺杆压缩机 Semi closed screw compressor						
	数量 Quantity		1	1	1	1	1	1	1
	额定电流 Rated Current	A	52	66	110	125	150	180	220
功率载位 Power Load Position			0/25%/50%~100%						
冷媒 Refrigerant			R22						
冷凝器 Condenser	形式 Modality		高效螺纹管壳管式 Efficient threaded pipe shell tube type						
	水流量 Water Flow Rate	(m^3/h)	30.1	39.5	71.1	77.8	92.7	116.5	143.4
	水阻力 Water Resistance	(kPa)	62	62	62	65	66	68	67
冷凝器 Condenser	形式 Modality		高效满液螺纹管壳管式 Efficient full liquid threaded pipe shell tube type						
	水流量 Water Flow Rate	(m^3/h)	24.1	31.6	56.9	62.3	74.1	93.2	114.7
	水阻力 Water Resistance	(kPa)	65	65	65	63	61	63	59
节流方式 Throttle Method			电子膨胀阀 Electronic expansion valve						
安全保护 Throttle Method			水泵连锁保护、漏电保护、过载保护、超压逆相保护、冷媒异常保护、压缩机超温保护、超高压安全阀保护、油压保护、缺水保护等等 Water pump interlock protection, leakage protection, overload protection, overpressure reverse phase protection, refrigerant abnormality protection, compressor over temperature protection, ultra-high pressure safety valve protection, oil pressure protection, water shortage protection, etc						
配管 Pipe Diameter	冷却水 Cooling Water		DN80	DN80	DN125	DN125	DN125	DN150	DN150
	冷冻水 Chilled Water		DN80	DN80	DN125	DN125	DN125	DN150	DN150
噪音 Noise		(dB)	80	80	85	85	85	85	85
重量 Weight		(kg)	1130	1600	2360	2410	2610	3340	3700
外形尺寸 External Dimensions	长 Long	(mm)	2450	2450	2900	2900	3500	3500	3550
	宽 Wide	(mm)	950	950	1150	1150	1250	1250	1400
	高 Height	(mm)	1550	1550	1600	1650	1800	1850	2000

注：
1、机组标准工况冷却水流量为制冷量x0.215m^3/h，冷冻水流量为制冷量x0.172m^3/h，使用时应根据不同的工况的制冷量选择相应的水流量。
2、蒸发器：进水温度12℃，出水温度7℃，水侧承压：1.0MPa。
3、冷凝器：进水温度30℃，出水温度35℃，水侧承压：1.0MPa。
4、产品规格若有变更，恕不另行通知。

Note:
1. The standard operating condition cooling water flow rate of the unit is the cooling capacity x0.215m^3/h, and the chilled water flow rate is the cooling capacity x0.172m^3/h. When using, the corresponding water flow rate should be selected according to the cooling capacity of different operating conditions.
2. Evaporator: Inlet temperature 12℃, outlet temperature 7℃, water side pressure: 1.0MPa.
3. Condenser: Inlet temperature 30℃, outlet temperature 35℃ water side pressure: 1.0MPa.
4. We reserve right to change specifications without prior notice.

温控调节系列
磁悬浮冷水机

Magnetic Levitation Chiller



磁悬浮冷水机采用先进的螺杆压缩技术，通过精确的温控系统和高效的热交换器设计，实现了制冷效率的大幅提升。与传统的制冷设备相比，磁悬浮冷水机在相同制冷量下，能耗更低，运行成本更低，为用户节省了大量的能源费用。

The Magnetic levitation chiller adopts advanced screw compression technology and achieves a significant improvement in refrigeration efficiency through precise temperature control system and efficient heat exchanger design.Compared with traditional refrigeration equipment, Magnetic levitation chiller have lower energy consumption and operating costs under the same refrigeration capacity, saving users a lot of energy costs.

● 特点 Features

- 高效可选满液式蒸发器，扩大有效换热面积，提高机组换热效率。
- 机组采用PLC控制器，具有符合智能控制，安全智能控制，故障智能处理等功能。
- 电子膨胀阀，控制精确，反应灵敏，无滞后性。
- 压缩机可选双磁悬浮压缩机，运行动态平稳及超长寿命轴承设计，可靠性更高。
- 机组具有强大的保护措施，设计电源、压缩机、压力、温度等20余项保护。
- 无油压缩机免维护，2A超低启动电流。

- Efficient optional full liquid evaporator can expand the effective heat transfer area and improve the heat transfer efficiency of the unit.
- The unit adopts PLC controller, which has functions such as intelligent control, safety intelligent control, and intelligent fault handling.
- Electronic expansion valve, precise control, sensitive response, and no hysteresis.
- The compressor can be a twin-smagnetic levitation compressor, with stable operation and ultra long life bearing design, providing higher reliability.
- The unit has powerful protective measures, including more than 20 protections for power supply,compressor, pressure, temperature…
- Oil free compressor maintenance free, 2A ultra-low starting current.

● 磁悬浮冷水机规格表 Magnetic Levitation Chiller Specification Table

产品型号Model			MLC100RT	MLC200RT	MLC300RT	MLC400RT	MLC600RT	MLC800RT	MLC1000RT
制冷量 Cooling Capacity		KW	363	700	1060	1400	2120	2800	3464
输入功率 Input Power		KW	85.0	125	185	265	340	530	580
能效比 COP			4.27	5.6	5.73	5.28	6.23	5.28	5.97
电源 Power			3PH - 380VAC/50Hz						
压缩机 Compressor	形式 Modality		变频磁悬浮离心式 Variable frequency magnetic levitation centrifugal type						
	数量 Quantity		1	1	1	1	1	2	2
	额定电流 Rated Current	A	135.0	220	312	470	588	940	1010
功率载位 Power Load Position			0~100% 启动电流 Starting current:2A						
冷媒 Refrigerant			R134a						
冷凝器 Condenser	形式 Modality		高效螺纹管壳管式 Efficient threaded pipe shell tube type						
	水流量 Water Flow Rate	(m^3/h)	78	150.5	227.9	301.0	455.8	602.0	744.8
	水阻力 Water Resistance	(kPa)	65	68	69	69	69	66	68
冷凝器 Condenser	形式 Modality		高效降膜壳管式 Efficient falling membrane shell tube type						
	水流量 Water Flow Rate	(m^3/h)	62.4	120.4	182.3	240.8	364.6	481.6	595.8
	水阻力 Water Resistance	(kPa)	63	63	62	62	62	61	63
节流方式 Throttle Method			电子膨胀阀 Electronic expansion valve						
安全保护 Throttle Method			水泵连锁保护、漏电保护、过载保护、超压逆相保护、冷媒异常保护、压缩机超温保护、超高压安全阀保护、油压保护、缺水保护等 Water pump interlock protection, leakage protection, overload protection, overpressure reverse phase protection, refrigerant abnormality protection, compressor over temperature protection, ultra-high pressure safety valve protection, oil pressure protection, water shortage protection, etc						
配管 Pipe Diameter	冷却水 Cooling Water		DN125	DN150	DN200	DN200	DN250	DN300	DN350
	冷冻水 Chilled Water		DN125	DN150	DN200	DN200	DN250	DN300	DN250
噪音 Noise		(dB)	68	68	72	72	72	72	72
重量 Weight		(kg)	2750	3050	3800	4800	7300	9650	11700
外形尺寸 External Dimensions	长 Long	(mm)	3000	3500	4700	4700	5800	6700	6950
	宽 Wide	(mm)	1350	1400	1600	1800	2000	2000	2000
	高 Height	(mm)	1850	2000	2200	2200	2300	2300	2450

注：

1、机组标准工况冷却水流量为制冷量x0.215m3/h，冷冻水流量为制冷量x0.172m3/h，使用时应根据不同的工况的制冷量选择相应的水流量。

2、蒸发器：进水温度12°C，出水温度7°C，水侧承压：1.0MPa。

3、冷凝器：进水温度30°C，出水温度35°C，水侧承压：1.0MPa。

4、产品规格若有变更，恕不另行通知。

Note:

1. The standard operating condition cooling water flow rate of the unit is the cooling capacity x0.215m^3/h, and the chilled water flow rate is the cooling capacity x0.172m^3/h. When using, the corresponding water flow rate should be selected according to the cooling capacity of different operating conditions.
2. Evaporator: Inlet temperature 12 °C, outlet temperature 7 °C, water side pressure: 1.0MPa.
3. Condenser: Inlet temperature 30 °C, outlet temperature 35 °C, water side pressure: 1.0MPa.
4. We reserve right to change specifications without prior notice.