



水冷式冰水机

Water Chillers

TCW

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● 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。
- 超低温型冷水机温度可达-10℃以下。
- 此系列冷水机可订做耐酸碱式。

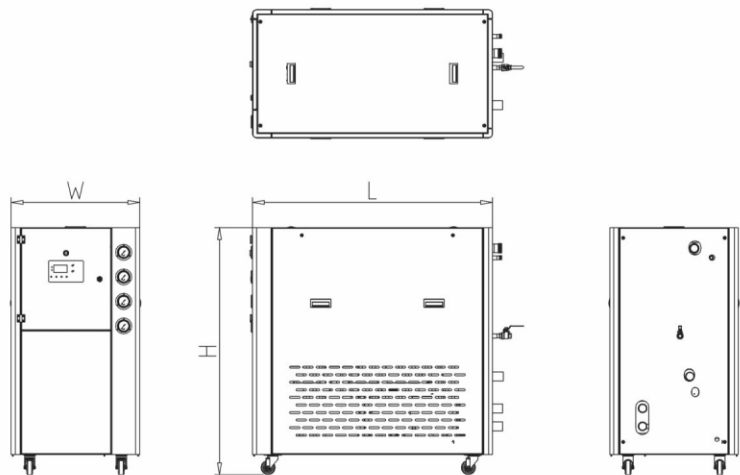
- To adopt imported superb compressors and pumps to ensure safe& quietrunning, power saving and durable service life.
- To employ microcomputer with easy operation which can control temperature within 5 to 35 precisely.
- Unique design for condenser and heat-dispersion unit result in excellent heat-exchange 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.
- Ultra low temperature type of chillers can reach below -10℃.
- Chillers for anti-alkaline & anti-acid type can be customized.



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±2℃)，压缩机功率从5HP~50HP，制冷量能力可达13416~130720Kcal/hr。

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 ±2℃). The compressors' power range from 5HP~50HP and cooling capacities range from 13416~130720Kcal/hr.

● 产品结构图 Product Structure Diagram



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

产品型号Model		TCW-5TC	TCW-10T-L	TCW-15T-L	TCW-20T-L	TCW-25T-L	TCW-30T-L	TCW-40T-L	TCW-50T-L	
制冷量 Cooling Capacity	W	14500	29000	43500	58000	72200	86700	122800	144400	
压缩机数量 Number of Compressors	台 Set	1	2	3	4	2	3	4	4	
压缩机总功率 Compressor Total Power	HP	5	10	15	20	25	30	40	50	
使用冷媒 Refrigerant		R22								
蒸发器类型 Evaporator Type		壳管式 Tube-in-shell type								
蒸发器进出口口径 Evaporator Inlet/outlet Size		DN25	DN40	DN50	DN65	DN65	DN65	DN80	DN80	
冷凝器散热水口径 Condenser Hot Wat		DN25	DN40	DN50	DN65	DN65	DN65	DN80	DN80	
冷凝器类型 Condenser Type		壳管式 Tube-in-shell type								
冷水进出口数量 Number of Cooling Water Inlet/outlet	组 Group	1	1	1	1	1	1	1	1	
冷水进出口口径 Cooling Water Inlet/outlet Size		DN25	DN40	DN50	DN65	DN65	DN65	DN80	DN80	
水泵功率 Pump Power	HP	1	1	2	3	5	5	5	5	
水泵流量 Pump Flow	L/min	40	100	225	420	550	550	550	550	
水泵扬程 Pump Lifts	M	17	16	17	17	20	22	22	22	
系统电源 Power Supply	V	380VAC 3P/PE 50Hz								
控制电源 Control Voltage	V	220VAC 1P/PE 50Hz								
机器总功率 Total Power	KW	4.6	7.2	11.1	15.6	20	23.3	31.3	36	
电源线规格 Wires Specifications	mm ²	4×2.5	4×4	4×6	4×10	4×10	4×16	4×25	4×25	
电源线长度 Wires Length	M	5				选配 Option				
外观尺寸 Dimensions LxWxH	M	0.9×0.55×0.95	1.25×0.75×1.3	1.5×0.8×1.3	1.75×0.8×1.53	1.75×0.8×1.53	1.75×0.8×1.68	2.1×0.9×1.68	2.2×0.9×1.68	
机器重量 Weight	KG	160	280	380	480	580	680	750	850	

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

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

产品型号Model		TCW-5C	TCW-10C	TCW-15C	TCW-20C
制冷量 Cooling Capacity	W	14500	29000	43500	58000
压缩机数量 Number of Compressors	台 Set	1	2	3	4
压缩机总功率 Compressor Total Power	HP	5	10	15	20
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		壳管式 Tube-in-shell type			
冷凝器散热水口径 Condenser Hot Wat		DN25	DN40	DN50	DN50
冷水进出口数量 Number of Cooling Water Inlet/outlet	组 Group	1	1	1	1
冷水进出口口径 Cooling Water Inlet/outlet Size	公称直径	DN25	DN40	DN50	DN50
水箱容量 Water Tank Capacity	L	60	100	150	220
水泵功率 Pump Power	HP	1	2	3	3
水泵流量 Pump Flow	L/min	40	90	135	135
水泵最大扬程 Pump Maximum Lifts	M	17	23	20	20
系统电源 Power Supply	V	380VAC 3P/PE 50Hz			
控制电源 Control Voltage	V	220VAC 1P/PE 50Hz			
机器总功率 Total Power	KW	4.6	9.1	13.6	17.3
电源线规格 Wires Specifications	mm ²	4×2.5	4×4	4×6	4×10
电源线长度 Wires Length	M	5			选配 Option
外观尺寸 Dimensions LxWxH	M	0.97×0.6×0.92	1.27×0.68×1.3	1.64×0.72×1.32	1.93×0.8×1.6
机器重量 Weight	KG	150	295	410	520

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