

水冷式冰水机 Water Chillers

TCW



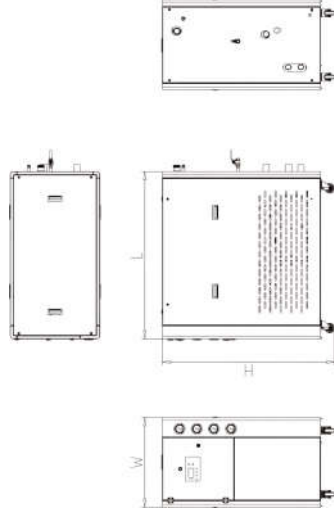
● 特点 Features

- 采用进口高品质压缩机及进口水泵，安全宁静、省电耐用。
- 采用全电脑程控系统，操作简洁，能精确地控制水温在±3℃至±5℃。
- 冷凝器及蒸发器设计独特，换热效率更佳。
- 有电流过载保护，高低压控制及电子式相间短路安全装置，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。
- 设有逆相序保护和防冰保护。
- 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款式。

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



- To equip 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 ±3 to ±5 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.

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

产品型号Model	TCW-5T	TCW-10T	TCW-15T	TCW-20T	TCW-25T	TCW-30T	TCW-40T	TCW-50T	
制冷量 Cooling Capacity	W	15600	31200	46800	62400	78000	129600	152000	
压缩机数量 Number of Compressors	台 Set	1	2	3	4	2	3	4	
压缩机总功率 Compressor Total Power	HP	5	10	15	20	25	30	40	
使用冷媒 Refrigerant	R22 (R407C 选配 Option)								
蒸发器类型 Evaporator Type	壳管式 Tube-in-shell type								
蒸发器进出口径 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								
冷水进出口径 Cooling Water Inlet/Outlet Size	DN25	DN40	DN50	DN65	DN65	DN65	DN80	DN80	
水箱类型 Type of water discharge	(可选配 Option)								
水箱功率 Pump Power	HP	1	2	3	5	5	5	5	
水流流量 Pump Flow	L/min	100	225	420	420	550	550	550	
水泵扬程 Pump Lifts	M	20	18	17	20	20	22	22	
系统电源 Power Supply	380VAC 3P/PE 50Hz (可选配 Option)								
控制电源 Control Voltage	220VAC 1P/PE 50Hz (可选配 Option with communication)								
机座总功率 Total Power	KW	4	7.2	11.1	15.6	20	23.3	31.3	
电源线规格 Wires Specifications	mm ²	4×2.5	4×4	4×6	4×10	4×10	4×16	4×25	
电源线长度 Wires Length	M	5							选配 Option
外形尺寸 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 2.1×0.8×1.68							
机座重量 Weight	KG	160	280	380	480	580	680	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-5A	TCW-10B	TCW-15B	TCW-20B
制冷量 Cooling Capacity	W	15600	31200	46800
压缩机数量 Number of Compressors	台 Set	1	2	3
压缩机总功率 Compressor Total Power	HP	5	10	15
使用冷媒 Refrigerant	R22 (R407C 选配 Option)			
蒸发器类型 Evaporator Type	螺旋式 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
冷水进出口径 Cooling Water Inlet/Outlet Size	DN25	DN40	DN50	DN50
水箱类型 Type of water discharge	(可选配 Option)			
水箱容量 Water Tank Capacity	60	100	150	220
水泵功率 Pump Power	HP	1	2	3
水流流量 Pump Flow	L/min	40	90	160
水泵最大扬程 Pump Maximum Lifts	M	30	24	28
系统电源 Power Supply	380VAC 3P/PE 50Hz (可选配 Option)			
控制电源 Control Voltage	220VAC 1P/PE 50Hz (可选配 Option with communication)			
机座总功率 Total Power	KW	4	8	11.8
电源线规格 Wires Specifications	mm ²	4×2.5	4×4	4×6
电源线长度 Wires Length	M	5		
外形尺寸 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		
机座重量 Weight	KG	150	295	410

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