

风冷式冰水机 Air Chillers

TCA



● 特点 Features

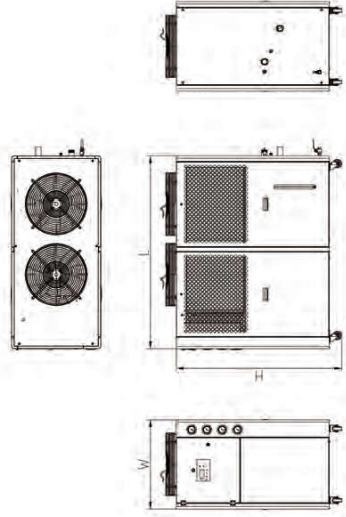
- 采用进口高品质压缩机及进口水环，安全宁静、省电耐用。
- 采用全电脑温控器，操作简洁，能准确地控制水温在±3℃至±5℃。
- 冷凝器及蒸发器设计独特，散热效果更好。
- 有电路过载保护，高低压控制及电子式时间延迟安全装置，当发生故障时及时发出警报及显示故障原因。
- 内置304不锈钢保温水箱，经久耐用，清洗方便。
- 设有放租及相保护和防冰保护。
- 超低温型冰水机温度可达-10℃以下。
- 此系列冰水机可订做节能模式。

- 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°C.
- Chillers for anti-alkaline & anti-acid type can be customized.

风冷式采用翅片式冷凝器，导热快，散热效果好，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±2℃)，压缩机功率从5HP-50HP；制冷量能力可达11610-116960 Kcal/hr。

Air Chillers adopt fin condensers (without need of cooling water) with the features of rapid heat transmission and excellent heat dispersion. This series can be afforded cooling ranges from 5-35°C, even lower to 3°C (temperature controlled accuracy at ±2°C). The compressors' power range from 5HP-50HP and cooling capacities range from 11610-116960 Kcal/hr

● 产品结构图 Product Structure Diagram



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

产品型号Model	TCA-5T	TCA-10T	TCA-15T	TCA-20T	TCA-30T	TCA-40T	TCA-50T
制冷量Cooling Capacity	W	13500	27000	40500	54000	81500	136000
压缩机数量 Number of Compressors	台 Set	1	2	3	4	3	4
压缩机总功率 Compressor Total Power	HP	5	10	15	20	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						
蒸发器进出口口径 Evaporator Inlet/outlet Size	DN25	DN40	DN50	DN65	DN80	DN80	DN80
冷凝器类型 Condenser Type	翅片式 Tube-fin Type						
散热风机数量Number of Blower	2	2	2	2	3	6	6
单个风扇功率Per Fan Capacity	0.18	0.45	0.6	0.8	0.8	0.8	0.8
冷水进出口口径 Cooling Water Inlet/outlet Size	DN25	DN40	DN50	DN65	DN65	DN80	DN80
水排类型 Type of water discharge	1V54(Φ12) (可选配 Option)						
水泵功率Pump Power	HP	1	1	2	3	5	5
水流流量Pump Flow	L/min	100	100	225	420	550	550
水泵扬程 Pump Lifts	M	20	18	18	20	22	22
系统电源 Power Supply	V	380VAC 3P/PE 50Hz(可选配 Option)					
控制电源Control Voltage	V	220VAC 1P/PE 50Hz(可单独通讯 Optional with communication)					
机壳总功率Total Power	KW	5.2	9.8	15	20.2	30.1	42.3
电源线长度Wires Specifications	mm2	4×2.5	4×4	4×6	4×10	4×25	4×25
电源线长度Wires Length	M	5	5	5	5	选配 Option	5
外形尺寸Dimensions LxWxH	M	1,25×0.63×1.37	1,5×0.75×1.41	1,75×0.85×1.53	1,95×0.95×1.71	2,45×1.11×1.91	2,5×1.69×2.17
机壳重量Weight	KG	165	380	450	550	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.

● 风冷盘管式冰水机规格表 Air Chillers Spiral Type

产品型号Model	TCA-5A	TCA-10B	TCA-15B	TCA-20B
制冷量Cooling Capacity	W	13500	27000	40500
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	翅片式 Tube-fin Type			
散热风机数量Number of Blower	2	2	2	2
单个风扇功率Per Fan Capacity	0.15	0.45	0.8	0.8
冷水进出口口径 Cooling Water Inlet/outlet	DN25	DN40	DN50	DN50
冷水进出口口径 Cooling Water Inlet/outlet Size	1V54(Φ12) (可选配 Option)	(可选配 Option)	(可选配 Option)	(可选配 Option)
水箱容量 Water Tank Capacity	L	60	100	150
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	V	380VAC 3P/PE 50Hz(可选配 Option)		
控制电源Control Voltage	V	220VAC 1P/PE 50Hz(可单独通讯 Optional with communication)		
机壳总功率Total Power	KW	5.2	9.8	15
电源线长度Wires Specifications	mm2	4×2.5	4×4	4×6
电源线长度Wires Length	M	5	5	5
外形尺寸Dimensions LxWxH	M	1,2×0.6×1.02	1,64×0.76×1.46	2,0×0.96×1.62
机壳重量Weight	KG	200	365	590

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