涡旋式水冷冷水机系列
VORTEX WATER COOLED TANK CHILLER SERIES

特点 Features：

1、采用国际知名牌全密闭涡旋式压缩机，超强制冷，宁静节能。

2、采用高效滚牙无焊接式内螺纹换热铜管制作的冷凝器、蒸发器，高效传导，换热面积更大，更全面的 释放制冷能力。

3、小机型内置不锈钢多级离心泵，不锈钢水箱，方便接管、节约空间。

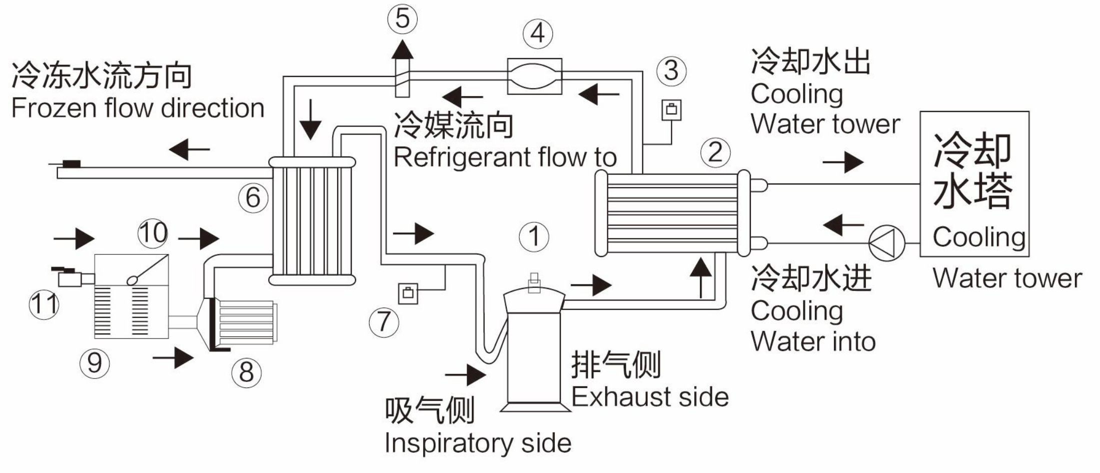
4、采用微电脑控制器，将控温、保护、故障代码等显示于控制面板上，操作方便、简单。

1、Adopt international famous brand full-closed vortex compressor. Super cooling,quiet and energy-saving.

2、Adopt high efficient rolling teeth not welded inside screw heat exchange tubes made of condenser and evaporator. Efficient conduction, large heat transfer area, more comprehensive refrigeration capacity.

3、Small aircraft built-in stainless steel multistage centrifugal pump and stainless steel water tank. Convenient to pipe connection and save space.

4、With microcomputer controller,display temperature control, protection and fault code on the the control panel so that it is easy and simple to operate.



1、压缩机 /Compressor
2、冷凝器 /Condenser
3、高压控制器 /High pressure awitch
4、干燥过滤器 /Drying
5、膨胀阀 /Expansin valve
6、蒸发器 /Evaporator
7、低压控制器 /Low pressure switch
8、水泵 /Pump
9、水箱 /Water tank
10、浮球开关 /Level sensor
11、球心阀 /Ball valve

涡旋式水冷冷水机技术参数

VORTEX WATER COOLING TANK CHILLER TECHNICAL PARAMETER

型号/model			FIC-005WB	FIC-008WB	FIC-010WB	FIC-012WB	FIC-015WB	FIC-020WB	FIC-024WB	FIC-030WB	FIC-036WB	FIC-040WB	FIC-050WB
名义制冷量 Nominal refrigerating capacity	TC=40℃ /Te=2℃	KW	13.7	22.0	29.3	33.7	43.2	58.6	67.4	86.4	101.1	117.2	134.8
		Kcal/Hr	11782	18920	25198	28982	37152	50396	57964	74304	86946	100792	115928
		USRT	3.9	6.3	8.4	9.6	12.3	16.7	19.3	24.7	28.9	33.5	38.5
电源 Power supply			3Φ-380V/50Hz(380V-3-60Hz 460V-3-60Hz 230V-3-60Hz)										
压缩机 compressor	理论排气量 Theoretical displacement	m³/h	14.3	22.1	28.8	33.2	43.3	28.8x2	33.2x2	43.3x2	33.2x3	28.8x4	33.2x4
	输入功率 Input power	KW	3.3	4.9	6.5	7.8	10.1	13.0	15.5	20.1	23.3	25.9	31.0
	形式 type		高效全密闭柔性涡旋式 High efficiency full-closed flexible scroll										
膨胀节流方式Expansion of throtting method			热力膨胀阀Expansion valve Thermostatic										
制冷剂 Refrigerating medium	形式 type		R22/R134a										
安全保护装置 Safety protection device			排气超温、相序保护、高低压、水流量等Exhaust temperature, phase protection, high pressure low pressure water flow, etc.										
蒸发器 Evaporator	形式 type		列管式干式蒸发器/钎焊板式蒸发器Straight pipe dry type evaporator/Full liquid type evaporator/Soldering plate evaporator										
	换热管材质 Heat exchange tube materia		高效内螺纹紫铜换热管/SUS304不锈钢Efficient internal thread copper pipe heat exchanger/SUS304 stainless steel										
	流量 flow	m³/h	2.4	3.8	5.0	5.8	7.4	10.1	11.6	14.9	17.4	20.2	23.2
	接管口径 Pipe Size	mm	DN25	DN40	DN40	DN40	DN40	DN50	DN50	DN65	DN65	DN80	DN80
冷冻水温度范围Chilled water temperature range	出口温度 outlet temperature		5℃ → 20℃										
	入口温度 Inlet temperature		10℃ → 30℃										
循环水箱 Circulating water tank	型式type		机组内置/外置Built-in/Outside							外置Outside			
	容量Capacity	L	80	120	120	120	150	150	180				
冷凝器 Condensator	形式 type		高效螺纹铜管换热管High efficiency thread copper tube heat exchanging pipe										
	换热管材质 Heat exchange tube materia		高效内螺纹紫铜换热管Efficient internal thread copper pipe heat exchanger										
	冷却水流量 Cooling water flow	m³/h	2.9	4.7	6.3	7.2	9.3	12.6	14.5	18.6	21.7	25.2	29.0
	接管口径 Pipe Size	mm	DN25	DN40	DN40	DN40	DN40	DN50	DN50	DN65	DN65	DN80	DN80
冷却水进水温度范围 Cooling water inlet temperature range			最佳optimum：20℃ → 30℃，极限the maximum ：10℃ → 40℃										
水泵 Water pump	功率 power	KW	0.55	0.75	0.75	1.1	1.1	1.2	1.8				
	扬程 Lift	M	20	20	20	22	22	23	25				
机器重量Unit weight		KG	150	300	370	450	580	650	730	800	850	900	1000
外形尺寸 Overall dimension	mm	L	1250	1400	1400	1400	1800	1800	1800	2100	2100	2100	2500
		W	700	700	700	700	800	800	800	800	800	800	800
		H	1200	1200	1200	1200	1350	1350	1350	1350	1350	1350	1350

※ 以上技术参数能力工况：蒸发温度 2℃，冷凝温度 40℃，冰水进出温度为 12℃/7℃，冷却水进出温度为 30℃/35℃。

※ 因技术更新，以上产品参数如有变更，恕不能随时奉告。

※ The Above technical parameters capacity conditions: Evaporation temperature 2℃, Condensation temperature of 40 ℃, the water inlet and outlet temperature of 12 ℃ /7 ℃ Celsius, cooling water inlet and outlet temperature of 30 ℃ /35 ℃ Celsius.

※ If there are any changes in the parameters of the above-mentioned products due to changing technology, we are sorry not to make further notice at any time.