

水冷式冷水机系列

WATER-COOLED CHILLER SERIES

- ON/OFF主电源开关
- 总电源无熔丝、断电器
- 高低压开关
- 电源欠逆相相关
- 防冻保护
- 压缩机过载保护
- 冰水泵浦过载保护
- 冷却泵浦过载保护
- 故障指示灯系统
- 故障警报系统
- 冰水By-pass泄压回路
- 多机延时启动控制
- ON/OFF-Main power switch
- Non-fuse circuit breaker
- H/L switch
- Power supply reverse phase protection switch
- Anti-freezing protection
- Compressor overload protection
- Chilling water pump overload protection
- Cooling water pump overload protection
- Failure indicator system
- Failure alarm system
- Chilling water by-pass circuit
- Multi-unit delay start control



- 压缩机：采用日本DAIKIN或美国COPELAND高品质压缩机，安全宁静，省电耐用
- 冷凝器：采用壳管式无缝齿状内螺纹铜管，散热效果特强
- 蒸发器：采用盘管式无缝铜管高效率设计，能将冷媒快速蒸发，产生低温冰水
- 冰水泵：采用高流量冰水泵，运转顺畅，不漏水，声音小
- 控制系统：采用日本FUJI或韩国LG等厂牌零组件，采用日本微电脑控制系统，可线控及报警信息输出
- 新颖设计：外形新颖，结构坚固，重心稳，不漏水，永保厂房地面干爽
- 恒温型特色：能将温度精确的控制在±1℃以内

- Compressor: Adoption Japanese-made DAIKIN or American-made COPELAND high-quality compressor.
- Condenser: Adoption shell-and-tube type of seamless thread bronze tube, the best cooling effect.
- Evaporator: Adoption snake-and-tube type of seamless bronze tube, design of high performance to steam completely the refrigerant for refrigerate temperature chilling water.
- Pump: Adoption high-flow pump in smooth operation with minimum noise and no leakage.
- Control system: Adoption the imported part of Japanese-made FUJI or Korean-made LG, adoption the micro computer control system of Japanese-made, can the line controls and the alarm message output
- Outlook designing: Novel designed, Rigid construction, low gravity, no leakage to keep manufacturing plant dry and clean.
- Feature of thermostatic chiller: High precision±1℃ controlled.

水冷式冷水机系列规格表 SPECIFICATIONS OF WATER-COOLED CHILLER SERIES (COIL TYPE EVAPORATOR)

型号 Model	压缩机功率 Compressor capacity		名义制冷量 Refrigeration capacity			冰水流量 Ice water flow rate	冷却管径 Cooling water pipe size	冰水管径 Ice water pipe size	泵浦功率 Pump capacity	泵浦流量 Pump flow rate	泵浦扬程 Pump head	冷凝器型式 Condenser type	蒸发器型式 Evaporator type	水箱容量 Tank capacity	外形尺寸 Dimension	重量 Weight
	HP	KW	KW	Kcal/hr	Btu/hr	M3/hr	PT	PT	KW	L/min	M		PG*	L	L*W*H(mm)	KG
KFL-03W	3	2.25	9.03	7766	30816	1.55	1"	1"	0.37	100	16	壳管式	盘管式	65	660*550*850	100
KFL-04W	4	3.00	11.90	10234	40610	2.05	1"	1"	0.75	110	16	壳管式	盘管式	80	880*550*970	110
KFL-05W	5	3.75	15.00	12900	51190	2.58	1"	1"	0.75	110	16	壳管式	盘管式	80	880*550*970	120
KFL-08W	8	6.00	23.80	20467	81221	4.09	1.5"	1.5"	1.5	200	18	壳管式	盘管式	165	1350*650*1250	230
KFL-10W	10	7.50	29.90	25713	102038	5.14	1.5"	1.5"	1.5	200	18	壳管式	盘管式	165	1350*650*1250	380
KFL-12W	12	9.00	34.00	29239	116030	5.85	2"	2"	2.2	350	20	壳管式	盘管式	185	1550*750*1450	420
KFL-15W	15	11.25	44.90	38613	153228	7.72	2"	2"	2.2	350	20	壳管式	盘管式	270	1550*750*1450	580
KFL-20W	20	15.00	59.80	51426	204076	10.29	2"	2"	2.2	350	20	壳管式	盘管式	270	1650*750*1450	620
KFL-25W	25	18.75	68.00	58478	232060	11.70	2.5"	2.5"	3.7	600	21	壳管式	盘管式	400	1750*800*1450	750
KFL-30W	30	22.50	89.70	77139	306114	15.43	2.5"	2.5"	3.7	600	21	壳管式	盘管式	400	1850*900*1450	950
KFL-40W	40	30.00	119.60	102853	408152	20.57	3"	3"	5.5	800	23	壳管式	盘管式	500	2700*1000*1845	1100
KFL-50W	50	37.50	136.00	116956	464119	23.40	3"	3"	5.5	800	23	壳管式	盘管式	500	2795*1000*1985	1350
KFL-60W	60	45.00	179.40	154279	612228	30.86	3"	3"	5.5	800	23	壳管式	盘管式	500	2795*1000*1985	1550

备注 Remarks: 1. 以上电源规格为: 3P-380V-50Hz, 允许电压波动±10%, 允许相间电压差±2%, 冷媒为R22;

The above power supply is 3P-380V-50Hz, permission voltage hunting ±10%, permission interaction voltage difference ±2%, and refrigerant is R22.

2. 以上制冷能力条件为: 冰水入口温度12℃, 出口温度7℃, 冷却水入口温度30℃, 出口温度35℃;

The above nominal capacity is based on chilling water inlet temperature at 12℃, outlet temperature at 7℃, cooling water inlet temperature at 30℃, and outlet temperature at 35℃.

3. 规格如有变更, 以实机为准, 恕不另行通知。

If specification is changed, then the actual model shall govern.