

Industrial Chiller

HC工业冷水机

HC系列工业冷水机主要适用于塑胶工业,它可以有效的控制塑胶成型模具温度以缩短成型周期,加速产品定型;也适用于冷却各种液压机以稳定的保持其工作油温;另外也适用于电镀业/食品业/电子业及漂染业等其他行业。该系列冷水机在结构上它区分风冷式及水冷式两种,能稳定的提供温度在5~30℃冰水(温差不超过±1℃),冷却能力6,800至120,000kcal/hr

HC - AAA - BBB - CCC

D = 双机头
T = 三机头
L = 双层式水冷机型

ACI = 风冷盘管
SACI = 风冷壳管
PACI = 风冷板换
WCI = 水冷盘管
SWCI = 水冷壳管
PWCI = 水冷板换

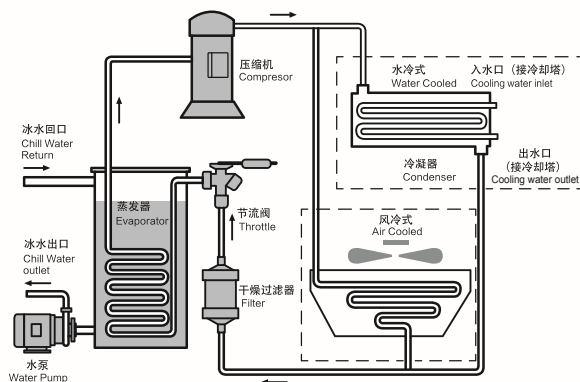
压缩机HP数
华热工业冷水机



HC-05ACI



HC-05WCI-L



特点 Special Features

- 采用欧美进口高质全新设计压缩机及高性能水泵、风机, 省电耐用;
- 独有全新设计之散热器, 换热效能佳;
- 备有不锈钢开放式水箱, 清洗维护方便快捷;
- 配备微电脑温度控制器, 控温精度±1℃;
- 本机标准配置自动补水功能, 逆缺相保护, 电流过载保护, 高低压保护及多项电子时间延迟等安全保护与功能, 当发生故障时, 随即发出警报。
- 双机头机型压缩机累计时间轮值开机, 有效均衡运行时间, 提升机器寿命。
- Using European and the United States imports of high-quality design compressor and brand-name pumps, fans, Power saving and durable
- Unique new design of the heat exchanger, heat transfer efficiency
- Equipped with stainless steel open tank, cleaning repair convenient and quick
- Equipped with microcomputer temperature controller, precise temperature control ±1℃
- Standard with automatically water function, reverse Phase protection, current overload protection, high and low pressure protection and a number of electronic time delay and other security protection and function, when a failure occurs immediately issued an alarm.
- In double head models machine the compressor according to the cumulative time to run as a host rotation, effective balance the two compressors running time, improve machine life.

注意事项 Note

- 机器标准电压规格为: 3φ 380V 50Hz。
- 机型的选择取决于注塑重量和所需制冷量。
- 客户如需定制特殊规格, 请与本公司联系确认。
- 产品规格若有变更, 恕不另行通知。
- The standard voltage is 3 Phase, 380V, 50 Hz.
- Refer to the shot weight and cooling capacity to select the machine.
- Have any special needs, please contact us.
- We reserve right to change specifications without prior notice.

选配项目 Optional Project

- 可选配: R407C环保冷媒机型、多口分流管、高扬程泵浦、外部水箱等要求;
- HLINK联网功能可选配;
- R407C environmentally friendly refrigerant, multi-tube water row, high-lift pump, external water tanks and other requirements can be optional
- HLINK networking function can be optional



盘管蒸发器
Coil evaporator
HC-XX ACI
HC-XX WCI



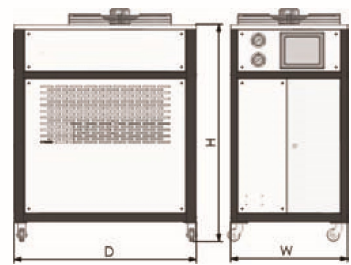
板换蒸发器
Board evaporator
HC-XX PACI
HC-XX PWCI



壳管蒸发器
Shell evaporator
HC-XX SACI
HC-XX SWCI

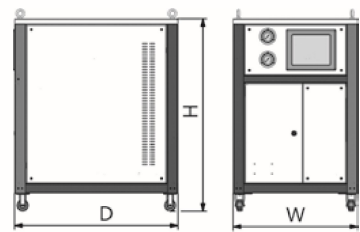
Air Cooled
Industrial Chiller

风冷箱式工业冷水机



Water Cooled
Industrial Chiller

水冷箱式工业冷水机



制冷量基于以下工况测得：

- 冷冻水出水温度15℃
- 冷却水进水温度30℃
- 空气温度35℃
- Chilled water outer outlet temperature is 15 degrees
- Cooling water inlet temperature is 30 degrees
- Air temperature is 35 degrees

规格表 Specifications

机型	Type		Unit	HC-03ACI	HC-05ACI	HC-08ACI	HC-10ACI	HC-12SACI	HC-15SACI	HC-20SACI-D	HC-25SACI-D	HC-30SACI-D	HC-40SACI-D	HC-50SACI-D	
制冷量	Cooling capacity		kW	8	14	22	30	37	42	52	62	86	104	125	
			Kcal/h	6800	12040	19000	25200	32000	37000	45000	54000	74000	90000	108000	
压缩机	Compressor	类型	type		全封闭涡旋式 All-close scroll										
		功率	power	kW	2.5	4.4	7	9	10.5	13.4	9×2	10.5×2	13.4×2	17.8×2	20×2
冷冻媒体	Refrigerant	类型	type		R22(R407C)										
蒸发器	Evaporator	类型	type		水箱沉浸式Water tank immersion				壳管式蒸发器 Shell evaporator						
风冷冷凝器	Air cooled condenser	类型	type		翅片式冷凝器 Finned condenser										
		风机功率	fan power	kW	0.25	0.6	0.25×2	0.45×2	0.45×2	0.6×2	0.45×4	0.6×4	0.6×4	0.6×6	0.7×6
水泵	Pump	功率	power	kW	0.75	0.75	1.5	1.5	1.5	3	3	3	4	5.5	5.5
		流量	flow	L/min	83	83	208	208	208	330	330	330	500	660	660
水箱容量	Water tank capacity		Liter	100	100	160	200	160	160	250	250	320	450	450	
冷冻水接管口径	Frozen water inlet and outlet pipe		Inch	1	1	1.5	1.5	1.5	2	2	2	2	2.5	2.5	
重量	Weight		kg	195	210	340	370	400	565	820	835	900	1000	1120	
外形尺寸	Dimensions														
H			mm	1250	1250	1450	1500	1500	1700	1800	1800	1900	1940	1940	
W			mm	680	680	700	800	900	960	1600	1600	1900	1950	1950	
D			mm	1060	1060	1360	1470	1470	1580	1480	1480	2400	2540	2840	

机型	Type			Unit	HC-03WCI	HC-05WCI	HC-08WCI	HC-10WCI	HC-12SWCI	HC-15SWCI	HC-20SWCI-D	HC-25SWCI-D	HC-30SWCI-D	HC-40SWCI-D	HC-50SWCI-D
制冷量	Cooling capacity			kW	9	15	25	32	40	48	58	70	95	115	140
				Kcal/h	7580	13500	21150	28000	34000	41000	50000	60000	82000	100000	120000
压缩机	Compressor	类型	type		All-close scroll										
		功率	power	kW	2.5	4.4	7	9	10.5	13.4	9×2	10.5×2	13.4×2	17.8×2	20×2
冷冻媒体	Refrigerant	类型	type		R22(R407C)										
蒸发器	Evaporator	类型	type		水箱沉浸式Water tank immersion				壳管式蒸发器 Shell evaporator						
水冷冷凝器	Water cooled condenser	类型	type		壳管式冷凝器Shell condenser										
		冷却水	Chill	L/min	≥36	≥60	≥100	≥135	≥160	≥200	≥135×2	≥160×2	≥200×2	≥240×2	≥300×2
水泵	Pump	功率	power	kW	0.75	0.75	1.5	1.5	1.5	3	3	3	4	5.5	5.5
		流量	flow	L/min	83	83	208	208	208	330	330	330	500	660	660
水箱容量	Water tank capacity			Liter	60	60	120	130	150	180	250	250	310	380	470
冷却水接管口径	Chilled water inlet and outlet pipe			Inch	1	1	1.5	1.5	1.5	2	1.5×2	1.5×2	2×2	2.5×2	2.5×2
冷冻水接管口径	Frozen water inlet and outlet pipe			Inch	1	1	1.5	1.5	1.5	2	2	2	2	2.5	2.5
重量	Weight			kg	170	205	320	350	380	525	770	790	850	930	1030
外形尺寸	Dimensions														
H				mm	1000	1000	1200	1200	1200	1360	1360	1360	1380	1470	1470
W				mm	650	650	800	800	800	1000	1200	1200	1250	1400	1400
D				mm	850	850	1050	1200	1300	1550	1800	1800	1900	2050	2050