

FEATURE:

The water chiller is to provide a cooling process in plastic molding, to improve quality of molded products and shorten period of injection molding cycles. Hence maximizes productivity of plastic molding manufacturing.

- ◎ Famous brand new compressors, high efficient shell condensers and evaporators-excellent cooling, quiet with low electric consumption.
- ◎ P.I.D. Microprocessor control-easy to operate, accurately maintains temperature range from 3°C to 50°C.
- ◎ Special open type reservoir tank with stainless steel-easy to clean and maintain.
- ◎ Well designed and reasonable pipelines-ensures power supply and saves energy.
- ◎ Current-overload protector, high-and-low pressure switches, electronic time delayer, fault display system-safe and durable.
- ◎ Liquid crystal display showing temperatures of outlet and inlet chill water-provides visualized and direct setting.
- ◎ Single, double or quadruple compressors combination available--economical and efficient.
- ◎ Industrial designed-elegant and ergonomic

SPECIFICATIONS

型号Model		Unit	XC-LF1A	XC-LF2A	XC-L3W	XC-L5W	XC-L6W	XC-L8W	XC-L10W	XC-L12W	XC-L15W	XC-L20W	XC-L25W	XC-L30W	XC-L40W	XC-L50W
					XC-LF3A	XC-LF5A	XC-LF6A	XC-LF8A	XC-LF10A	XC-LF12A	XC-LF15A	XC-LF20A	XC-LF25A	XC-LF30A	XC-LF40A	XC-LF50A
制冷量/Cooling Capacity	KW	2.77	5.28	7.91	12.9	15.22	23.8	30.5	34.3	45	61	69	92	122	136	
	Kcal/h	2382	4541	6803	11094	13091	20468	26230	29498	38700	52460	59340	79120	104920	117476	
压缩机 Compressor	输入功率/Input Power	KW	0.89	1.77	2.8	4.5	5.2	3×2	4.5×2	10	4.5×3	9×2	10×2	9×3	9×4	9.4×4
	额定功率/Rated Power	HP	1	2	3	5	6	4×2	5×2	6×2	5×3	10×2	12.5×2	10×3	10×4	12.5×4
电源Power			1PH-220V/50HZ		3PH-380V/50HZ (200V/220V/415V 50HZ/60HZ)											
蒸发器 Evaporator	类型/Type	水箱盘管式 (壳管式) Water Tank With Coil(Shell And Tube)														
	水管口径/Pipe Diameter	inch	1"	1"	1"	1"	1"	2"	2"	2"	2.5"	2.5"	3"	3"	4"	4"
冷冻媒体 Refrigerant	类型/Type	R22														
	填充量/Quantity	KG	1.6	1.8	2	2	2.5	4	5	5	7.5	11	11	12	18	18
水冷冷凝器 Condenser (water chiller)	类型/Type	套管式/壳管式冷凝器 (Coil Type/Shell and Tube Condenser)														
	水管口径/Pipe Diameter	inch			1"	1"	1"	2"	2"	2"	2.5"	2.5"	3"	3"	4"	4"
冷却水量/Cooling Water Flow	m ³ /h	0.476	0.908	1.36	2.22	2.6	3.95	4.42	5.03	7.1	8.84	10.06	13.6	17.75	21.9	
风冷冷凝器 Condenser (air chiller)	类型/Type	高效紫铜管套铝翅片式+低噪音外转子风机 Finned Copper Tube + Low Noise Outer Rotor Fan														
	风机功率/Fan Power	W	135×1	135×1	160×1	160×2	160×2	460×2	460×2	460×2	850×2	460×3	850×3	850×3	460×6	850×6
水箱容量/Water Tank Capacity	Liter	20	20	50	60	60	110	110	110	200	350	350	420	420	420	
水泵Pump	功率/Power	KW	0.37	0.37	0.37	0.75	0.75	1.5	1.5	1.5	2.2	2.2	4	4	5.5	7.5
		HP	0.5	0.5	0.5	1	1	2	2	2	3	3	5	5	7.5	10
	扬程/Distance	m	23	23	23	35	35	15	15	15	16	16	16	16	16	18
	流量/Flow Rate	L/min	100	100	100	110	110	360	360	360	360	360	700	700	700	800
安全保护 Safety Protection		压缩机过热保护, 过流保护, 高低压保护, 超温保护, 流量保护, 相序/缺相保护, 排气过热保护, 防冻保护 High And Low Pressure Protection, Overload Protection, Over Temperature Protection, Phase Sequence Protection, etc.														
外形尺寸 Dimensions(L*W*H)	水冷/Water Cooled	mm			995*650*696	980*540*986	980*540*986	1270*650*1413	1270*650*1413	1270*650*1413	1270*750*1413	1880*880*1650	1880*880*1650	2050*1000*1730	2150*1080*1950	2150*1080*1950
	风冷/Air Cooled	mm	860*490*866	855*565*1026	1020*630*1026	1340*630*1046	1340*630*1046	1550*830*1508	1550*830*1508	1550*830*1508	1850*1000*1600	2150*1000*1780	2400*1150*1800	2600*1150*1900	2150*2000*1820	2400*2250*1880

Note: 1. Cooling Capacity is calculated based on : inlet/outlet chilled fluid temperature: 12°C/7°C, inlet/outlet cooling water temperature :30°C/35°C.
 2. Working condition: Chilled fluid temperature : from 5°C to 35°C. Inlet/outlet chilled fluid Temperature difference: from 3°C to 8°C.
 Cooling water temperature: from 18°C to 37°C, Inlet/outlet cooling water Temperature difference: from 3.5°C to 10°C.
 We reserve the right to modify above information without prior notice.