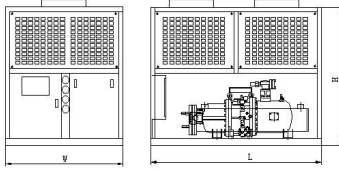


## 风冷式热泵机组(单螺杆)

## AIR COOLED WITH HEAD PUMPS SERIES (SINGLE SCREW COMPRESSOR)



型号 Model		SG-320ASH	SG-380ASH	SG-400ASH	SG-440ASH	SG-470ASH	SG-490ASH	SG-570ASH	SG-630ASH	SG-670ASH	SG-750ASH
名义制冷量 Refrigeration capacity	KW	317.4	377.7	398.8	436.6	472.9	491.0	571.9	628.1	670.6	755.8
	$\times 10^3$ Kcal/hr	272.9	324.8	343.0	375.5	406.6	422.3	491.8	540.1	576.7	650.0
	$\times 10^3$ Btu/hr	1083.1	1289.1	1361.0	1490.1	1613.7	1675.8	1951.6	2143.4	2288.4	2579.3
名义制热量 Heating capacity	KW	349	416	439	480	520	540	629	691	738	831
压缩机 Compressor	形式 Type	先进非对称之半封闭螺杆式(单机头) Single-screw semi-hermetic compressor advanced									
	压缩机型号 Compressor type	RC2-410B	RC2-470B	RC2-510B	RC2-550B	RC2-580B	RC2-620B	RC2-710B	RC2-790B	RC2-830B	RC2-930B
	排气量( $m^3/hr$ ) Gas displacement	407	471	508	549	583	619	713	791	825	929
	压缩机数量 Compressor quantity	1	1	1	1	1	1	1	1	1	1
	输入功率(KW) Input power	88.5	102.8	108.5	117.6	126.6	130.6	150.5	167.0	177.3	199.4
	运转电流(A) Running current	148.8	172.8	182.5	197.7	212.8	219.6	253.0	280.7	298.1	335.2
	容量控制范围 Capacity control	0, 25, 50, 75, 100% (25%为启动) (25% for start-up)									
	润滑油填充量(L) Lubricating oil	16	18	20	23	23	23	23	28	28	28
	油加热器功率(W) Oil heater capacity	300	300	300	300	300	300	300	300	300	300
制冷剂 Refrigerant	类型 Type	R22									
	填充量(L) Packing quantity	49	57	61	66	70	74	86	95	99	111
	控制方式 Control type	感温式外部均压膨胀阀 Thermostatic valve									
空气侧换热器 Air heat exchanger	形式 Type	高效换热铜管亲水铝翅片式 High efficiency heat exchange copper pipe hydrophilic aluminum fin coil type									
	风机形式 Fan type	低噪音、防水耐侯、铝合金叶片轴流风机 Low noise, waterproof, anti-weather, and aluminum blade axial-flow fan									
	风机风量( $\times 10^3 m^3/hr$ ) Air flow rate	131	152	160	174	187	193	222	247	262	294
水侧换热器 Water heat exchanger	形式 Type	壳管式(Shell-and-tube)									
	进出水管接口(PT) Pipe size	5"	5"	6"	6"	6"	6"	6"	8"	8"	8"
	冷冻水流量( $m^3/hr$ ) Ice water flow rate	54.6	65.0	68.6	75.1	81.3	84.5	98.4	108.0	115.4	130.0
	热水流量( $m^3/hr$ ) Heated water flow rate	60.1	71.5	75.5	82.6	89.5	92.9	108.2	118.8	126.9	143.0
	水压降(kPa) Ice water pressure	45	50	53	45	47	47	50	52	56	56
安全保护装置 Safety protection device	高低压保护, 防冻防热保护, 安全阀, 过载保护, 欠相逆相保护, 欠电压过电压保护, 水流保护等 High & low pressure protection, antifreezing protection, anti-heating safety valve, overload protection, incomplete phase protection, opposite phase protection, lacking voltage and over voltage protection, water flow protection										
外形尺寸 Out dimension	长(mm) L	2260	2260	2260	4000	4000	4000	4000	4000	4000	4000
	宽(mm) W	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
	高(mm) H	2390	2390	2390	2570	2570	2570	2570	2570	2570	2570
整机重量 Total weight	Kg	2500	3100	3350	3660	3860	3860	4000	4250	4500	4500
运行重量 Working weight	Kg	2640	3250	3510	3830	4030	4030	4200	4400	4750	4750
建议配置 Suggestion disposition	泵浦功率 Pump capacity(KW)	7.5	11	11	11	11	11	15	15	15	15
	泵浦流量 Pump flow (L/min)	1100	2650	2650	2650	2650	2650	3000	3000	3000	3000
	泵浦扬程 Pump head(M)	25	25	25	25	25	25	28	28	28	28
	水箱容量 Tank capacity(T)	4	4	4	4	5	5	5	5	5	5

备注 Remarks:

- 以上电源规格为: 3P-380V-50Hz, 允许电压波动 $\pm 10\%$ , 允许相间电压差 $\pm 2\%$ , 冷媒为R22;  
The above power supply is 3P-380V-50Hz, permission voltage hunting  $\pm 10\%$ , permission interaction voltage difference  $\pm 2\%$ , and refrigerant is R22.
- 以上制冷能力条件为: 冰水入口温度 $12^\circ\text{C}$ , 出口温度 $7^\circ\text{C}$ , 环境温度为 $40^\circ\text{C}$ 。  
The above nominal capacity is based on chilling water inlet temperature at  $12^\circ\text{C}$ , outlet temperature at  $7^\circ\text{C}$ , ambient temperature at  $40^\circ\text{C}$ .
- 以上制热标准工况为: 环境温度 $7^\circ\text{C}$ , 热水出口温度 $45^\circ\text{C}$ 。  
The above standard process configuration for heating: ambient temperature at  $7^\circ\text{C}$ , outlet hot water temperature at  $45^\circ\text{C}$ .
- 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.