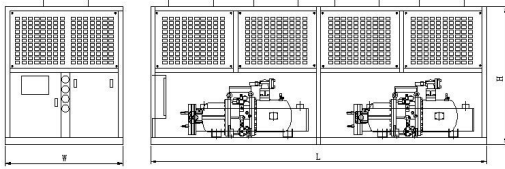


## 风冷式热泵机组(双螺杆)

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



型号 Model		SG-630ADH	SG-750ADH	SG-800ADH	SG-870ADH	SG-940ADH	SG-980ADH	SG-1140ADH	SG-1250ADH	SG-1340ADH	SG-1510ADH
名义制冷量 Refrigeration capacity	KW	634.8	755.5	797.6	873.3	945.7	982.1	1143.8	1256.1	1341.1	1511.6
	$\times 10^3$ Kcal/hr	545.9	649.7	685.9	751.0	813.3	844.6	983.6	1080.2	1153.3	1300.0
	$\times 10^3$ Btu/hr	2166.3	2578.2	2722.1	2980.2	3227.4	3351.5	3903.2	4286.7	4576.8	5158.7
名义制热量 Heating capacity	RT	180	215	227	248	269	279	325	357	381	429
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	2	2	2	2	2	2	2	2	2	2
	输入功率(KW) Input power	88.5 * 2	102.8 * 2	108.5 * 2	117.6 * 2	126.6 * 2	130.6 * 2	150.5 * 2	167.0 * 3	177.3 * 2	199.4 * 2
	运转电流(A) Running current	148.8 * 2	172.8 * 2	182.5 * 2	197.0 * 2	212.8 * 2	219.6 * 2	253.0 * 2	280.7 * 2	298.1 * 2	335.2 * 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 * 2	18 * 2	20 * 2	23 * 2	23 * 2	23 * 2	23 * 2	28 * 2	28 * 2	28 * 2
	油加热器功率(W) Oil heater capacity	300 * 2	300 * 2	300 * 2	300 * 2	300 * 2	300 * 2	300 * 2	300 * 2	300 * 2	300 * 2
制冷剂 Refrigerant	类型 Type	R22									
	填充量(L) Packing quantity	49 * 2	57 * 2	61 * 2	66 * 2	70 * 2	74 * 2	86 * 2	95 * 2	99 * 2	111 * 2
	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铂翅片式 High efficiency heat exchange copper pipe hydrophile aluminum platinum fin coil type									
	风机形式 Fan type	低噪音、防水耐候、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	261	304	320	347	374	386	444	493	524	589
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	109.2	130.0	137.2	150.2	162.7	168.9	196.8	216.1	230.7	260.0
	热水流量( $m^3/hr$ ) Heated water flow rate	120.1	143.0	150.9	165.3	179.0	185.8	216.4	237.7	253.8	286.0
安全保护装置 Safety protection device	水压降(kPa) Ice water pressure	53	56	52	53	55	55	57	52	55	55
		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	4520	4520	4520	8000	8000	8000	8000	8000	8000	8000
	宽(mm) W	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
	高(mm) H	2390	2570	2570	2570	2570	2570	2570	2570	2570	2570
整机重量 Total weight	Kg	4550	5000	5600	6350	6690	6690	6920	7280	7630	7630
运行重量 Working weight	Kg	4880	5220	6980	6630	6960	6960	7200	7550	7980	7980
建议配置 Suggestion disposition	泵浦功率 Pump capacity(KW)	15	15	15	18.75	18.75	18.75	18.75	18.75	18.75	18.75
	泵浦流量 Pump flow (L/min)	3000	3000	3000	3500	3500	3500	3500	3500	3500	3500
	泵浦扬程 Pump head(M)	25	25	25	30	30	30	30	30	30	30
	水箱容量 Tank capacity(T)	5	5	6	6	6	8	8	8	8	8

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.