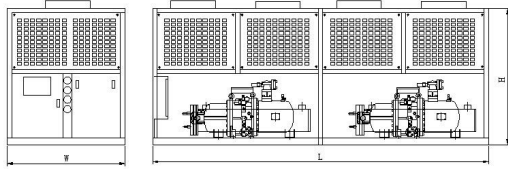


## 风冷式冷水机组(双螺杆)

### AIR COOLED WITH DOUBLE SCREW COMPRESSOR SERIES



型号 Model		SG-150AD	SG-200AD	SG-270AD	SG-290AD	SG-360AD	SG-390AD	SG-460AD	SG-490AD	SG-530AD	SG-580AD
名义制冷量 Refrigeration capacity	KW	150.1	204.5	268.4	292.2	356.3	391.0	460.7	486.9	532.8	576.6
	$\times 10^3$ Kcal/hr	129.1	175.9	230.8	251.3	306.4	336.2	396.2	418.7	458.2	495.9
	$\times 10^3$ Btu/hr	512.3	697.9	916.1	997.3	1216.0	1334.3	1572.2	1661.5	1818.2	1967.9
	RT	42.6	58.1	76.2	83.0	101.2	111.0	130.8	138.3	151.3	163.8
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	RC2-100B	RC2-140B	RC2-180B	RC2-200B	RC2-230B	RC2-260B	RC2-300B	RC2-310B	RC2-340B	RC2-370B	RC2-370B
排气量( $m^3/hr$ ) Gas displacement	98	137	180	193	230	257	293	308	339	366	366
压缩机数量 Compressor quantity	2	2	2	2	2	2	2	2	2	2	2
输入功率(KW) Input power	23.2 * 2	30.7 * 2	38.5 * 2	42.2 * 2	51.4 * 2	56.0 * 2	63.0 * 2	66.3 * 2	73.0 * 2	79.6 * 2	79.6 * 2
运转电流(A) Running current	39.2 * 2	51.6 * 2	64.7 * 2	71.0 * 2	86.4 * 2	94.1 * 2	105.9 * 2	111.4 * 2	122.7 * 2	133.8 * 2	133.8 * 2
容量控制范围 Capacity control	0, 33, 66, 100%(33%为启动) (33% for start-up)					0, 25, 50, 75, 100%(25%为启动) (25% for start-up)					
润滑油填充量(L) Lubricating oil	7 * 2	7 * 2	7 * 2	8 * 2	14 * 2	14 * 2	14 * 2	14 * 2	16 * 2	16 * 2	16 * 2
油加热器功率(W) Oil heater capacity	150 * 2	150 * 2	150 * 2	150 * 2	150 * 2	300 * 2	300 * 2	300 * 2	300 * 2	300 * 2	300 * 2
类型 Type	R22										
填充量(L) Packing quantity	12 * 2	16 * 2	22 * 2	23 * 2	28 * 2	31 * 2	35 * 2	37 * 2	41 * 2	44 * 2	44 * 2
控制方式 Control type	感温式外部均压膨胀阀 Thermostatic valve										
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	69	91	114	125	152	165	186	196	216	235	235
形式 Type	壳管式(Shell-and-tube)										
冷冻水管接口(PT) Ice water pipe size	3"	3"	3"	4"	4"	4"	4"	5"	5"	5"	5"
冷冻水流量( $m^3/hr$ ) Ice water flow rate	25.8	35.2	46.2	50.3	61.3	67.3	79.3	83.8	91.7	99.2	99.2
水压降(Kpa) Ice water pressure	46	46	47	46	48	49	52	48	52	52	52
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	4200	4200	4200	4200	4200	3800	3800	3800	4520	4520
	宽(mm) W	1200	1200	1200	1200	1200	1900	1900	1900	2260	2260
	高(mm) H	2230	2230	2230	2230	2230	2390	2390	2390	2390	2390
整机重量 Total weight	Kg	2400	2500	2680	3000	3600	3700	3850	3850	4550	5000
运行重量 Working weight	Kg	2500	2600	2860	3200	3820	3950	4030	4030	4880	5220
建议配置 Suggestion disposition	泵浦功率 Pump capacity(KW)	7.5	7.5	7.5	11	11	11	11	15	15	15
	泵浦流量 Pump flow (L/min)	1100	1100	1100	2650	2650	2650	2650	3000	3000	3000
	泵浦扬程 Pump head(M)	25	25	25	28	28	28	28	30	30	30
	水箱容量 Tank capacity(T)	2	2	3	3	3	4	4	4	4	4

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  $40^\circ\text{C}$ .
- 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.