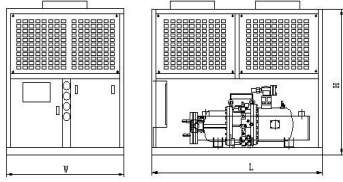


## 风冷式冷水机组(单螺杆)

### AIR COOLED WITH SINGLE SCREW COMPRESSOR SERIES



型号 Model		SG-70AS	SG-100AS	SG-130AS	SG-150AS	SG-180AS	SG-190AS	SG-230AS	SG-240AS	SG-270AS	SG-290AS
名义制冷量 Refrigeration capacity	KW	75.1	102.3	134.2	146.1	178.2	195.5	230.4	243.4	266.4	288.3
	$\times 10^3$ Kcal/hr	64.5	87.9	115.4	125.7	153.2	168.1	198.1	209.4	229.1	247.9
	$\times 10^3$ Btu/hr	256.1	349.0	458.0	498.6	608.0	667.2	786.1	830.8	909.1	983.9
	RT	21.3	29.0	38.1	41.5	50.6	55.5	65.4	69.1	75.7	81.9
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	RC2-100B	RC2-140B	RC2-180B	RC2-200B	RC2-230B	RC2-260B	RC2-300B	RC2-310B	RC2-340B	RC2-370B
	排气量( $m^3/hr$ ) Gas displacement	98	137	180	193	230	257	293	308	339	366
	压缩机数量 Compressor quantity	1	1	1	1	1	1	1	1	1	1
	输入功率(KW) Input power	23.2	30.7	38.5	42.2	51.4	56.0	63.0	66.3	73.0	79.6
	运转电流(A) Running current	39.2	51.6	64.7	71.0	86.4	94.1	105.9	111.4	122.7	133.8
	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	7	7	8	14	14	14	14	16	16
	油加热器功率(W) Oil heater capacity	150	150	150	150	150	300	300	300	300	300
制冷剂 Refrigerant	类型 Type	R22									
	填充量(L) Packing quantity	12	16	22	23	28	31	35	37	41	44
冷凝器 Condenser	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									
蒸发器 Evaporator	形式 Type	壳管式(Shell-and-tube)									
	冷却水管接口(PT) Cooling water pipe	2.5"	2.5"	2.5"	3"	3"	4"	4"	4"	4"	5"
	冷冻水流量( $m^3/hr$ ) Ice water flow rate	12.9	17.6	23.1	25.1	30.6	33.6	39.6	41.9	45.8	49.6
安全保护装置 Safety protection device	水压降(Kpa) Ice water pressure	32	32	33	33	38	38	43	42	42	42
	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	2100	2100	2100	2100	2100	1900	1900	1900	2260	2260
	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	1000	1000	1100	1200	1290	1500	1800	1850	2350	2350
运行重量 Working weight	Kg	1150	1150	1200	1280	1380	1600	1910	1970	2480	2480
建议配置 Suggestion disposition	泵浦功率 Pump capacity(KW)	3.7	3.7	3.7	5.5	5.5	7.5	7.5	7.5	7.5	7.5
	泵浦流量 Pump flow (L/min)	600	600	600	800	800	1100	1100	1100	1100	1100
	泵浦扬程 Pump head(M)	21	21	21	23	23	25	25	25	25	25
	水箱容量 Tank capacity(T)	1	1	2	2	2	3	3	3	3	3

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