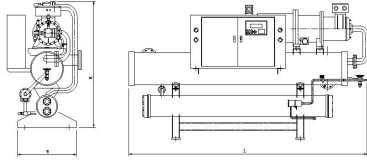


# 水冷式冷水机组(单螺杆)

## WATER COOLED WITH SINGLE SCREW COMPRESSOR SERIES



型号 Model		SG-90WS	SG-120WS	SG-160WS	SG-170WS	SG-210WS	SG-230WS	SG-270WS	SG-280WS	SG-310WS	SG-340WS
名义制冷量 Refrigeration capacity	KW	88.3	120.3	157.9	171.9	209.6	230.0	271.0	286.4	313.4	339.2
	×10 <sup>3</sup> Kcal/hr	75.9	103.5	135.8	147.8	180.2	197.8	233.1	246.3	269.5	291.7
	×10 <sup>3</sup> Btu/hr	301.3	410.5	538.9	586.6	715.3	784.9	924.8	977.4	1069.5	1157.6
	RT	25.1	34.2	44.8	48.8	59.5	65.3	77.0	81.3	89.0	96.3
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 <sup>3</sup> /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
	控制方式 Control type	感温式外部均压膨胀阀 Thermostatic valve									
冷凝器 Condenser	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"
	冷却水流量(m <sup>3</sup> /hr) Cooling water flow	16.7	22.8	29.9	32.5	39.7	43.5	51.3	54.2	59.3	64.2
	水压降(kpa) Cooling water pressure drop	38	38	43	43	43	43	48	45	45	45
蒸发器 Evaporator	形式 Type	壳管式(Shell-and-tube)									
	冷冻水管接口(PT) Ice water pipe size	2.5"	2.5"	2.5"	3"	3"	4"	4"	4"	4"	5"
	冷冻水流量(m <sup>3</sup> /hr) Ice water flow rate	15.2	20.7	27.2	29.6	36.1	39.6	46.6	49.3	53.9	58.4
	水压降(kpa) Ice water pressure	32	32	33	33	38	38	43	40	42	42
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	1700	1700	1700	2150	2300	2300	2300	2600	2600	2600
	宽(mm) W	670	670	670	680	770	770	770	850	850	850
	高(mm) H	1100	1100	1100	1100	1250	1250	1250	1300	1300	1300
噪音值 Noise value	dB(A)	62	62	64	65	66	66	68	68	68	68
整机重量 Total weight	Kg	850	880	1050	1270	1450	1750	2280	2480	2600	2650
运行重量 Working weight	Kg	900	1000	1100	1450	1580	1900	2380	2580	2800	2900
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±10%, 允许相间电压差±2%, 冷媒为R22;  
The above power supply is 3P-380V-50Hz, permission voltage hunting ±10%, permission interaction voltage difference ±2%, and refrigerant is R22.
- 以上制冷能力条件为: 冰水入口温度12℃, 出口温度7℃, 冷却水入口温度35℃, 出口温度40℃;  
The above nominal capacity is based on chilling water inlet temperature at 12℃, outlet temperature at 7℃, cooling water inlet temperature at 35℃, and outlet temperature at 40℃.
- 噪音测定位置为距离主机前方2米, 高度1.5米处, 取前后左右四点之平均值;  
The noise position of measurement to be away from front the machinery equipment 2 meters, 1.5 meters place, take mean values of highly all around four spot.
- 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.