

水冷式冷水机组(三螺杆)

WATER COOLED WITH THREE SCREW COMPRESSOR SERIES

型号 Model		SG-2240WT	SG-2660WT	SG-2810WT	SG-3080WT	SG-3330WT	SG-3460WT	SG-4030WT	SG-4430WT	SG-4730WT	SG-5330WT
名义制冷量 Refrigeration capacity	KW	2240.4	2666.4	2815.2	3082.2	3337.8	3466.2	4036.8	4433.4	4733.4	5335.2
	×10 ³ Kcal/hr	1926.7	2293.0	2421.0	2650.6	2870.4	2980.8	3471.5	3812.6	4070.6	4588.1
	×10 ³ Btu/hr	7645.7	9099.5	9607.3	10518.4	11390.7	11828.9	13776.1	15129.6	16153.4	18207.1
	RT	636	757	800	875	948	984	1146	1259	1344	1515
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	3	3	3	3	3	3	3	3	3	3
	输入功率(KW) Input power	88.5 * 3	102.8 * 3	108.5 * 3	117.6 * 3	126.6 * 3	130.6 * 3	150.5 * 3	167.0 * 3	177.3 * 3	199.4 * 3
	运转电流(A) Running current	148.8 * 3	172.8 * 3	182.5 * 3	197.0 * 3	212.8 * 3	219.6 * 3	253.0 * 3	280.7 * 3	298.1 * 3	335.2 * 3
	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 * 3	18 * 3	20 * 3	23 * 3	23 * 3	23 * 3	23 * 3	28 * 3	28 * 3	28 * 3
	油加热器功率(W) Oil heater capacity	300 * 3	300 * 3	300 * 3	300 * 3	300 * 3	300 * 3	300 * 3	300 * 3	300 * 3	300 * 3
	类型 Type	R22									
制冷剂 Refrigerant	填充量(L) Packing quantity	49 * 3	57 * 3	61 * 3	66 * 3	70 * 3	74 * 3	86 * 3	95 * 3	99 * 3	111 * 3
	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	5"	5"	6"	6"	6"	6"	6"	8"	8"	8"
	冷却水流量(m ³ /hr) Cooling water flow	424.0	504.6	532.7	583.2	631.6	655.9	763.9	838.9	895.7	1,009.6
蒸发器 Evaporator	形式 Type	壳管式(Shell-and-tube)									
	冷冻水管接口(PT) Ice water pipe size	5"	5"	6"	6"	6"	6"	6"	8"	8"	8"
	冷冻水流量(m ³ /hr) Ice water flow rate	385.4	458.7	484.3	530.2	574.2	596.3	694.4	762.7	814.3	917.8
安全保护装置 Safety protection device	水压降(Kpa) Cooling water pressure drop	48	48	48	49	49	49	48	51	53	53
	水压降(Kpa) Ice water pressure	44	44	45	45	47	47	44	47	49	49
外形尺寸 Out dimension	长(mm) L	3930	3930	3930	4100	4100	4100	4200	4200	4200	4200
	宽(mm) W	2200	2200	2200	2300	2300	2300	2400	2400	2400	2400
	高(mm) H	2100	2100	2100	2200	2200	2200	2300	2300	2300	2300
噪音值 Noise value	dB(A)	72	72	73	73	73	73	75	75	75	75
整机重量 Total weight	Kg	4500	5300	5700	5700	5900	6150	6200	6250	6350	6450
运行重量 Working weight	Kg	5100	6050	6300	6300	6500	6850	6800	6900	7050	7300
建议配置 Suggestion disposition	泵浦功率 Pump capacity(KW)	22.35	26.1	26.1	29.8	29.8	29.8	29.8	29.8	29.8	29.8
	泵浦流量 Pump flow (L/min)	4000	4500	4500	5000	5000	5000	5000	5000	5000	5000
	泵浦扬程 Pump head(M)	32	35	35	35	35	35	35	35	35	35
	水箱容量 Tank capacity(T)	8	8	8	10	10	10	10	10	10	10

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.