

水冷式冷水机组(三螺杆)

WATER COOLED WITH THREE SCREW COMPRESSOR SERIES

型号 Model		SG-530WT	SG-720WT	SG-950WT	SG-1030WT	SG-1260WT	SG-1380WT	SG-1630WT	SG-1720WT	SG-1880WT	SG-2030WT
名义制冷量 Refrigeration capacity	KW	529.8	721.8	947.4	1031.4	1257.6	1380.0	1626.0	1718.4	1880.4	2035.2
	×10 ³ Kcal/hr	455.6	620.7	814.7	887.0	1081.5	1186.8	1398.3	1477.8	1617.1	1750.2
	×10 ³ Btu/hr	1808.0	2463.2	3233.1	3519.8	4291.7	4709.4	5549.0	5864.3	6417.1	6945.4
	RT	150.5	205.0	269.1	292.9	357.2	391.9	461.8	488.0	534.0	578.0
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	3	3	3	3	3	3	3	3	3	3
	输入功率(KW) Input power	23.2 * 3	30.7 * 3	38.5 * 3	42.2 * 3	51.4 * 3	56.0 * 3	63.0 * 3	66.3 * 3	73.0 * 3	79.6 * 3
	运转电流(A) Running current	39.2 * 3	51.6 * 3	64.7 * 3	71.0 * 3	86.4 * 3	94.1 * 3	105.9 * 3	111.4 * 3	122.7 * 3	133.8 * 3
	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 * 3	7 * 3	7 * 3	8 * 3	14 * 3	14 * 3	14 * 3	14 * 3	16 * 3	16 * 3
	油加热器功率(W) Oil heater capacity	150 * 3	150 * 3	150 * 3	150 * 3	150 * 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	12 * 3	16 * 3	22 * 3	23 * 3	28 * 3	31 * 3	35 * 3	37 * 3	41 * 3	44 * 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	3"	3"	3"	4"	4"	4"	4"	4"	5"	5"
	冷却水流量(m ³ /hr) Cooling water flow	100.3	136.6	179.3	195.2	238.0	261.1	307.7	325.2	355.8	385.1
蒸发器 Evaporator	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"	4"	5"	5"
	冷冻水流量(m ³ /hr) Ice water flow rate	91.1	124.2	163.0	177.4	216.3	237.4	279.7	295.6	323.5	350.1
安全保护装置 Safety protection device	水压降(kpa) Cooling water pressure drop	38	38	43	43	43	43	48	45	45	45
	形式 Type	壳管式(Shell-and-tube)									
外形尺寸 Out dimension	长(mm) L	2800	3000	2800	3200	3470	3700	3930	3930	3930	3930
	宽(mm) W	1750	1750	1750	1750	1800	2100	2100	2100	2200	2200
	高(mm) H	1470	1780	1470	1790	1800	1860	2100	2100	2100	2100
噪音值 Noise value	dB(A)	65	65	65	67	67	68	70	70	70	70
整机重量 Total weight	Kg	1550	1850	2300	2400	3000	3500	3800	3800	4000	4400
运行重量 Working weight	Kg	1900	2150	2550	2750	3550	4000	4350	4350	4600	4950
建议配置 Suggestion disposition	泵浦功率 Pump capacity(KW)	7.5	7.5	11	11	15	15	18.75	18.75	18.75	22.35
	泵浦流量 Pump flow (L/min)	1100	1100	2650	2650	3000	3000	3500	3500	3500	4000
	泵浦扬程 Pump head(M)	25	25	28	28	30	30	30	30	30	32
	水箱容量 Tank capacity(T)	2	2	3	3	4	4	6	6	6	8

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.