



# HUALI GROUP

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## (热回收)水冷螺杆式低温冷水机组 Low Temp. Screw-type Water Chiller (Heat Recovery)

出水温度: -5°C Water outlet temperature -5°C

制冷剂 Refrigerant R22

型号 Model HLWD~		440SM	510SM	560SM	600SM	670SM	825SM	970SM	1110SM	135DM	320DM	350DM	475DM
		440SMR	510SMR	560SMR	600SMR	670SMR	825SMR	970SMR	1110SMR	135DMR	320DMR	350DMR	475DMR
名义制冷量 Rated Cooling Capacity	X1000 Kcal/h	375.5	437.2	480.2	512.7	577.9	708.3	834.6	953.7	114.7	272.5	299.1	407.4
	KW	437	509	559	596	672	824	971	1109	133	317	348	474
	USRT	124.2	144.6	158.8	169.5	191.1	234.2	276.0	315.4	37.9	90.1	98.9	134.7
输入功率 Input Power	KW	128.8	148.4	164.7	174.9	196.6	239.9	281.8	318.0	46.0	101.4	110.4	144.0
压缩机输入功率X台数 Comp.Input Power*Qty (kw)		128.8x1	148.4x1	164.7x1	174.9x1	196.6x1	239.9x1	281.8x1	318.0x1	23.0x2	50.7x2	55.2x2	72.0x2
机组运行电流 Comp.Current (A)		216.6	249.6	276.8	294.0	330.6	403.3	472.6	534.7	77.2	170.4	185.6	242.0
电源 Power Supply		3 φ -380V-50HZ											
保护装置 Protection Device		逆相保护、缺相保护、过流保护、排气温度保护、高低压保护、低温保护、水流保护 Phase reversion protection, Phase lack protection, Overload current protection, Discharge air temperature protection, Low&High pressure protection, Low temp protection, Water flow protection.											
制冷回路 Number of Refrigeration Circuit		1						2					
能量控制 Capacity Control (%)		0,50,75,100						0, 25,37.5,50,62.5,75,87.5,100					
制冷剂充注量 Refrigerant Charge (kg)		115	134	148	158	177	218	256	292	36	84	92	124
冷凝器 Condenser		壳管式 Shell and Tube Type											
水侧最高承压 Water Side Max Pressure (MPa)		1											
冷凝器进出口管径 Dia.of Pipe to Condenser (inch)		5"	5"	5"	5"	6"	6"	8"	8"	3"	4"	5"	5"
冷却水流量 Cooling Water Flow (m <sup>3</sup> /h)		97.2	113.0	124.4	132.6	149.4	182.9	215.4	245.4	30.9	71.9	78.8	106.2
冷凝器水压降 Condenser Water Pressure drop (kPa)		53	59	61	62	64	67	76	80	40	43	44	45
蒸发器 Evaporator		壳管式 Shell and Tube Type											
水侧最高承压 Water Side Max Pressure (MPa)		1											
蒸发器进出口管径 Dia.of Pipe to Evaporator (inch)		5"	5"	5"	5"	5"	8"	8"	8"	3"	5"	5"	5"
30%乙二醇水溶液流量30% Glycol Flow Volume (m <sup>3</sup> /h)		81.7	95.1	104.4	111.5	125.7	154.1	181.5	207.4	24.9	59.3	65.0	88.6
蒸发器水压降 Evaporator Water Pressure drop (kPa)		85	88	67	80	83	85	88	91	36	49	62	51
运转噪音 Running Noise dB(A)		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
整机重量 Total weight (Kg)		2940	3120	3360	3540	3820	4250	4520	4880	1580	2520	2830	3480
运行重量 Running Weight (Kg)		3370	3540	3890	4140	4390	4830	5120	5480	2010	3320	3740	4580

### 热回收技术参数 Heat Recovery

制冷剂充注量 Refrigerant charge(kg)		120	140	154	164	185	228	266	306	42	90	98	130
热回收量 Heat Reclaimed Volume	X1000 Kcal/h	112.6	131.2	144.1	153.8	173.4	212.5	250.4	286.1	34.4	81.7	89.7	122.2
	KW	131	153	168	179	202	247	291	333	40	95	104	142
	USRT	37.3	43.4	47.6	50.9	57.3	70.3	82.8	94.6	11.4	27.0	29.7	40.4
热回收器 Heat Recoverer		壳管式 Shell and Tube Type											
水侧最高承压 Water Side Max Pressure (MPa)		1											
热回收器进出口管径 Dia of pipe to Heat Recoverer(inch)		4"	4"	3"	3"	3"	4"	4"	4"	2"	2-1/2"	2-1/2"	2-1/2"
卫生热水流量 Reclaimed Water Flow(m <sup>3</sup> /h)		42.5	50.1	28.8	30.8	34.7	42.5	50.1	57.2	6.9	16.3	17.9	24.4
热回收器水压降 Heat recovery Unit Water Pressure drop(kPa)		34	35	27	30	32	34	35	35	23	26	26	28
整机重量 Total weight (Kg)		4810	5180	3460	3640	3920	4810	5180	5570	1730	2800	3130	3930
运行重量 Running Weight (Kg)		5420	5800	3990	4240	4490	5420	5800	6200	2180	3610	3990	4980
机组尺寸 Dimension L×W×H		3600×1500×1650		3600×1500×1700		3600×1850×1700	4600×1850×1900	4600×1900×2000	4600×1900×2000	2650×1050×1650	3200×1100×1750	3300×1100×1950	3400×1250×2050

注:

- 1.名义制冷量基准: 蒸发器进出水溶液温度 0°C/ -5°C, 冷凝器进水温度 30°C/35°C; 污垢系数: 0.088 m<sup>2</sup>·°C/KW;
- 2.冻水溶液温度范围: -5°C ~ 5°C;
- 3.冷却水温度范围: 15°C ~ 40°C;
- 4.规格参数及外形尺寸因产品改良会有所变动, 恕不另行通知。

Note:

- 1.Rated cooling capacity based:Chilled Liquid water in/outlet 0°C/ -5°C, cooling water in/outlet 30°C/35°C; Fouling factor: 0.088 m<sup>2</sup>·°C/KW;
- 2.Chilled Liquid range: -5°C ~ 5°C;
- 3.Cooling water range: 15°C ~ 40°C;
- 4.Changes of Specification for Improvement May be Made Without Notice.