



深圳市金华利制冷设备有限公司成立于2008年，隶属于香港金华利国际集团有限公司旗下全资子公司，是一家专注于洁净中央空调研发、生产、销售和服务于一体的国家高新技术企业。

专业从事冷冻冷藏设备（不要机房的节能一体式空调、洁净中央空调，冷水机，冷凝机组等）的研制、生产、销售。华利公司专业的技术设计，提供制冷产品个性化定制研发设计、生产制造等全系列服务。

金华利集团多年来深耕于医疗净化领域，针对目前新型冠状病毒肺炎疫情防控对医疗卫生系统的提升需求，“医院洁净手术室集成系统”方案的可靠性、先进性和节能效果，可为医院提供更好的绿色解决方案，医院空调系统节能方案和产品方案正服务于遍布全国的数千家医院。

金华利洁净中央空调凭借先进的技术性能、可靠的产品质量和及时周到的售后服务，赢得了广大用户的真诚信赖和高度认可，在医院、医药、食品、电子、化工、塑胶、酒店、房地产等行业和场所得到了普遍应用，同时出口到欧洲美洲、大洋洲、非洲、亚洲的多个国家和地区，服务于全球微电子、生物制药、汽车制造、洁净手术室、香港旧机场地铁、元朗地铁、新界地铁等国际重要场所得到广泛应用。在全国一线城市有代理商和售后服务队伍。

Shenzhen Jinhuali Refrigeration Plant Co., Ltd. was established in 2008, as the wholly-owned subsidiary of HK Huali Group Co., Ltd. It is a high-tech enterprise focusing on R&D, production, sales and service of purified central air conditioners.

Specializing in the development, production and sales of refrigeration equipment (energy-saving All-in-one air-conditioner, purified central air conditioner, water chillers, condensing units etc.). Huali Group with professional technical design provides a full range of services including customized R&D, design, and manufacturing of refrigeration products.

Huali Group has been deeply involved in the field of medical purification for many years. In response to the current new Corona-virus pneumonia epidemic prevention and control requirements for the improvement of the medical and health system, Huali Group's reliable, advanced and energy-saving solution of "Hospital clean operating room integrated system" is widely used for hospital air conditioning systems and are serving thousands of hospitals all over the country.

With advanced technical performance, reliable product quality and timely and thoughtful after-sales service, Huali Group's purified central air conditioners have won the sincere trust and high recognition of clients in hospitals, medicine, food, electronics, chemicals, plastics, hotels, real estate etc, also widely used in industries and places, and exported to many countries and regions in Europe, America, Oceania, Africa, and Asia, serving global microelectronics, biopharmaceuticals, automobile manufacturing, clean operating rooms, Hong Kong old airport subway, Yuen Long subway, New Territories subway and other internationally important places. Huali Group with agents and after-sales service teams in first-tier cities across the country.

CERTIFICATE



※ 机组特点介绍 Features

- 一体式设计，结构紧凑
- 机组内置水箱水泵，节省安装
- 不同机组多压缩机设计
- 可采用环保制冷剂R407C, R410A等
- 接受非标定制：非标电压，两器定制，低温设置等
- Monoblock design, compact structure
- With built-in water pump and S/S water tank, saving installation cost
- Multi-compressors design for larger capacity units
- Optional environmentally friendly refrigerants R407C, R410A etc
- Accept customized units: Non-standard power supply, low temperature settings etc.

水冷箱式工业冷水机 Industrial Water Cooled Chiller

型号 Model	HLLW-	03SPI	05SPI	08SPI	10SPI	12.5SPI	15SPI	20DPI	25DPI	30TPI	40TPI	50FPI		
名义制冷量 Rated Cooling Capacity	×10 ³ kcal/h	8.8	14.1	22.9	30.4	35.4	44.7	60.7	70.9	89.4	106.3	134.1		
	KW	10.2	16.4	26.6	35.3	41.2	52	70.6	82.4	104	123.6	156		
电源 Power Supply		380V/3Ph/50Hz												
总输入功率 Input Power	KW	2.85	4.3	6.3	8.6	9.3	12.15	15.1	17.1	22.6	25.6	32.8		
安全保护装置 Safety Protection		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 temp. protection, Low & High pressure protection, Low temp. protection, Water flow protection.												
压缩机 Compressor	功率 Input Power	KW	2.1	3.55	5.2	7.1	7.8	10.65	13.6	15.6	20.4	23.4	30.6	
	压缩机数量 Comp. Qty		1			2	1	3	2	2	3	3	4	
	运行电流 Comp. Current	A	5.3	8.4	12.6	16.8	18.1	22.8	31.1	33.4	44.2	50.2	64.2	
制冷剂 Refrigerant		R22/R407C												
冷凝器 Condenser	类型 Type		壳管式 Shell and Tube Type											
	进出口管径 Diameter	inch	1"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2"	2"	2-1/2"	2-1/2"	3"	
	冷却水流量 Cooling Water Flow	m ³ /h	2.12	3.43	5.47	7.29	8.43	10.78	14.48	16.86	21.40	25.28	32.10	
	水压降 Water Pressure Drop	kPa	21	22	23	29	31	41	56	56	58	55	56	
蒸发器 Evaporator	类型 Type		盘管式 Pipe Coil Type					壳管式 Shell and Tube Type						
	进出口管径 Diameter	inch	1"	1"	1-1/2"	1-1/2"	2"	2"	2"	2"	2-1/2"	2-1/2"	3"	
	冻水流量 Chilled Water Flow	m ³ /h	1.75	2.82	4.58	6.07	7.09	8.94	12.14	14.17	17.89	21.26	26.83	
	水压降 Water Pressure Drop	kPa									28	28	32	32
冻水泵 Water Pump	水箱容积 Tank Volume	L	80	80	180	180	180	180	192	192	340	412	412	
	功率 Input Power	KW	0.55	0.55	1.1	1.5	1.5	1.5	1.5	2.2	2.2	3	4	
	水流量 Water Flow	m ³ /h	4	4	11.4	11.4	12.5	12.5	12.5	18	25	25	42	
扬程 Pump Head	m	15	15	15	20	20	20	20	25	19	25	21		
运转噪音 Running Noise	dB(A)	54	56	66	72	72	75	75	75	75	75	75		
整机重量 Total Weight	Kg	120	160	430	460	500	540	720	780	880	1030	1180		
机组尺寸 Dimension	Length	mm	850	850	1400	1400	1400	1700	1550	1550	1900	2200	2200	
	Width	mm	550	550	850	850	850	1050	850	850	1140	1140	1140	
	Height	mm	1050	1050	1180	1180	1180	1600	1600	1600	1750	1750	1750	

- 注:**
1. 名义制冷量基准: 蒸发器进出水温度17°C/12°C, 冷凝器进出水温度30°C/35°C, 污垢系数0.088 m².°C/kw;
 2. 冻水温度范围: 5°C~20°C;
 3. 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 on: Chilled water inlet/outlet temp.17°C/12°C, Cooling water inlet/outlet temp. 30°C/35°C, Fouling factor: 0.088 m².°C/KW
 2. Chilled Water Range: 5~20°C;
 3. Changes of Specification for Improvement May Be made without Notice.



※ 机组特点介绍 Features

- 一体式设计，内置水箱水泵，结构紧凑
- 风冷式结构，无需冷却塔，节省空间与安装成本
- 不同机组多压缩机设计
- 可采用环保制冷剂R407C, R410A等
- 接受非标定制：非标电压，两器定制，低温设置等
- Monoblock design, With built-in water pump and S/S water tank, compact structure
- Air cooled type without cooling tower, saving space & installation cost
- Multi-compressors design for larger capacity units
- Optional environmentally friendly refrigerants R407C, R410A etc
- Accept customized units: Non-standard power supply, low temperature settings etc.

风冷式工业冷水机 Industrial Air Cooled Chiller

型号 Model	HLLA-	01SI	02SI	03SI	05SI	08SI	10SI	12.5SI	15SI	20DI	25DI	30DI	40TI	50FI				
名义制冷量 Rated Cooling Capacity	×10 ³ kcal/h	2.32	4.64	7.9	12.8	20.8	27.9	32.3	40.8	55.7	64.7	81.5	97	122.3				
	KW	2.7	5.4	9.2	14.9	24.2	32.4	37.6	47.4	64.8	75.2	94.8	112.8	142.2				
电源 Power Supply		220V/1Ph/50Hz			380V/3Ph/50Hz													
总输入功率 Input Power	KW	1.34	2.19	3.34	5.52	8.55	11.64	12.8	16.91	21.9	24.8	30.87	36.9	50.4				
安全保护装置 Safety Protection		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 temp. protection, Low & High pressure protection, Low temp. protection, Water flow protection.																
压缩机 Compressor	类型 Type		转子式 Rotor Tpe				全封闭涡旋式 Hermetic Scroll Type											
	功率 Input Power	KW	0.88	1.69	2.6	4.47	6.75	8.94	10.1	13.41	18	20.2	24.67	30.3	40.4			
	压缩机数量 Comp. Qty		1	1	1	1	1	2	1	3	2	2	3	3	4			
	运行电流 Comp. Current	A			6.8	10.5	14	17.5	20	25.6	33.8	37.2	49.8	55.8	72.6			
制冷剂 Refrigerant		R22/R410A			R22/R407C													
冷凝器 Condenser	类型 Type		铜管穿波纹翅片 Ripple Aluminum Fins around Cooper Pipe															
	风机功率 Fan Input Power	KW	0.09	0.13	0.19	0.5	0.7	1.2	1.2	2	2.4	2.4	4	3.6	6			
蒸发器 Evaporator	类型 Type		盘管式/板式 Pipe Coil Type / Plate Type						壳管式 Shell and Tube Type									
	进出口管径 Diameter	inch	1/2"	3/4"	1"	1"	1-1/2"	1-1/2"	2"	2"	2"	2"	2-1/2"	2-1/2"	3"			
	冻水流量 Chilled Water Flow	m ³ /h	0.46	0.93	1.58	2.56	4.16	5.57	6.47	8.15	11.15	12.93	16.31	19.40	24.46			
	水压降 Water Pressure Drop	kPa													28	28	32	32
冻水泵 Water Pump	水箱容积 Tank Volume	L	20	40	80	80	180	180	180	180	192	192	340	412	412			
	功率 Input Power	KW	0.37	0.37	0.55	0.55	1.1	1.5	1.5	1.5	1.5	2.2	2.2	3	4			
	水流量 Water Flow	m ³ /h	2	2	4	4	11.4	11.4	12.5	12.5	12.5	18	25	25	42			
扬程 Pump Head	m	15	15	15	15	15	20	20	20	20	25	19	25	21				
运转噪音 Running Noise	dB(A)	58	59	72	72	73	75	75	75	75	75	75	75	75				
整机重量 Total Weight	Kg	75	100	160	195	430	480	510	560	840	880	980	1130	1280				
机组尺寸 Dimension	Length	mm	660	670	1100	1300	1480	1680	1750	1850	1900	2130	2640	3250	2200			
	Width	mm	600	600	570	620	770	810	910	910	930	1000	1150	1550	2000			
	Height	mm	880	1080	1300	1300	1410	1510	1800	1800	1740	1800	1800	2120	2020			

- 注:**
1. 名义制冷量基准: 环境温度干球温度35°C, 蒸发器进出水温度17°C/12°C, 污垢系数0.088 m².°C/KW;
 2. 冻水温度范围: 5°C~20°C;
 3. 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 on: Ambient temperature DB 35°C, Chilled water inlet/outlet temp. 17°C/12°C, Fouling factor: 0.088 m².°C/KW;
 2. Chilled Water Range: 5~20°C;
 3. Changes of Specification for Improvement May Be made without Notice.

※ 机组特点介绍 Features

- 开放式设计, 结构小巧
- 微电脑控制, 操作简单易上手
- 全新原装涡旋式谷轮/丹佛斯压缩机
- 可采用环保制冷剂R407C, R410A等
- 接受非标定制: 非标电压, 两器定制, 低温设置等
- Open type design, compact structure
- Microcomputer controller, easy to operate
- Brand new original scroll Copeland/Danfosscompressor
- Optional environmentally friendly refrigerants R407C, R410A etc
- Accept customized units: Non-standard power supply, low temperature settings etc.

水冷开放式工业冷水机 Open Type Industrial Water Cooled Chiller

型号 Model	HLLW-	03SOI	05SOI	08SOI	10SOI	12.5SOI	15SOI	20DO1	25DO1	30TO1	40TO1	50FO1					
名义制冷量 Rated Cooling Capacity	×10 ³ kcal/h	8.8	14.1	22.9	30.4	35.4	44.7	60.7	70.9	89.4	106.3	134.1					
	KW	10.2	16.4	26.6	35.3	41.2	52	70.6	82.4	104	123.6	156					
电源 Power Supply		380V/3Ph/50Hz															
总输入功率 Input Power	KW	2.85	4.3	6.3	8.6	9.3	12.15	15.1	17.1	22.6	25.6	32.8					
安全保护装置 Safety Protection		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 temp. protection, Low & High pressure protection, Low temp. protection, Water flow protection.															
压缩机 Compressor	功率 Input Power	KW	2.1	3.55	5.2	7.1	7.8	10.65	13.6	15.6	20.4	23.4	30.6				
	压缩机数量 Comp. Qty		1			2		1		3		2		3		4	
	运行电流 Comp. Current	A	5.3	8.4	12.6	16.8	18.1	22.8	31.1	33.4	44.2	50.2	64.2				
	制冷剂 Refrigerant		R22/R407C														
冷凝器 Condenser	类型 Type		壳管式 Shell and Tube Type														
	进出口管径 Diameter	inch	1"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2"	2"	2-1/2"	2-1/2"	3"				
	冷却水流量 Cooling Water Flow	m ³ /h	2.12	3.43	5.47	7.29	8.43	10.78	14.48	16.86	21.40	25.28	32.10				
	水压降 Water Pressure Drop	kPa	21	22	23	29	31	41	56	56	58	55	56				
蒸发器 Evaporator	类型 Type		壳管式 Shell and Tube Type														
	进出口管径 Diameter	inch	1"	1"	1-1/2"	1-1/2"	2"	2"	2"	2"	2-1/2"	2-1/2"	3"				
	冻水流量 Chilled Water Flow	m ³ /h	1.75	2.82	4.58	6.07	7.09	8.94	12.14	14.17	17.89	21.26	26.83				
	水压降 Water Pressure Drop	kPa	-	-	17	23	28	30	28	28	32	32	31				
运转噪音 Running Noise	dB(A)	54	56	66	72	72	75	75	75	75	75	75					
整机重量 Total Weight	Kg	100	130	360	390	430	480	640	690	780	930	1080					
机组尺寸 Dimension	Length	mm	850	850	1400	1400	1400	1700	2000	2000	2000	2450	2450				
	Width	mm	550	550	800	800	800	850	900	900	1180	1050	1050				
	Height	mm	1130	1130	1050	1050	1050	1100	1100	1100	1100	1120	1120				

- 注:
- 名义制冷量基准: 蒸发器进出水温度17℃/12℃, 冷凝器进出水温度30℃/35℃, 污垢系数0.088m².℃/kw;
 - 冻水温度范围: 5℃~20℃;
 - 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:
- Rated Cooling Capacity Based on: Chilled water inlet/outlet temp.17℃/12℃, Cooling water inlet/outlettemp. 30℃/35℃, Fouling factor: 0.088m².℃/KW
 - Chilled Water Range: 5~20℃;
 - Changes of Specification for Improvement May Be made without Notice.

※ 机组特点介绍 Features

- 采用优质半封闭式螺杆压缩机, 效率高, 运行快
- 微电脑触屏控制, 多级能量调节
- 可采用环保制冷剂R407C, R134A等
- 机组多重保护: 高低压保护, 低温保护, 水流保护
- 接受非标定制: 非标电压, 两器定制, 低温机组等
- Adopt high-quality semi-hermetic screw compressor with high efficiency
- Microcomputer touch screen controller, multi-level energy adjustment
- Optional environmentally friendly refrigerants R407C, R134A etc
- Multiple protections: High & low pressure protection, low temperature protection etc
- Accept customized units: Non-standard power supply, low temperature settings etc.

水冷螺杆式冷水机 Screw Type Water Cooled Chiller

型号 Model	HLWW-	090S	125S	165S	220S	240S	280S	325S	350S	390S	460S	
名义制冷量 Rated Cooling Capacity	×1000Kcal/h	78.9	107.6	141.2	187.4	205.7	242.3	280.2	303.4	333.9	397.4	
	KW	92	125	164	218	239	282	326	353	388	462	
	USRT	26.1	35.6	46.7	62.0	68.0	80.1	92.7	100.3	110.4	131.4	
输入功率 Input power	KW	22.1	29.2	36.6	48.8	53.2	59.9	69.4	75.6	84.1	97.7	
机组运行电流 Comp. Current (A)		39.2	51.6	64.7	86.4	94.1	105.9	122.7	133.8	148.8	172.8	
制冷剂 Refrigerant		R22/R407C										
电源 Power Supply		380V/3Ph/50Hz										
安全保护装置 Safety Protection		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 temp. protection, Low & High pressure protection, Low temp. protection, Water flow protection.										
制冷回路 Number of Refrigeration Circuit		1										
能量控制 Capacity Control (%)		0, 66, 100			0, 50, 75, 100							
制冷剂充注量 Refrigerant Charge (kg)		17	24	30	40	44	52	59	65	71	86	
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)		2"	2-1/2"	3"	3"	3"	3"	4"	4"	4"	5"	
冷却水流量 Cooling Water Flow (m ³ /h)		19.6	26.5	34.5	45.9	50.3	58.8	68.0	73.7	81.2	96.3	
冷凝器水压降 Condenser Water Pressure Drop (kPa)		41	47	45	53	52	52	50	50	50	51	
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)		2"	2-1/2"	3"	3"	3"	3"	4"	4"	4"	4"	
冻水流量 Chilled Water Flow (m ³ /h)		15.8	21.5	28.2	37.5	41.1	48.5	56.0	60.7	66.8	79.5	
蒸发器水压降 Evaporator Water Pressure Drop (kPa)		22	28	32	35	45	55	61	66	63	43	
运转噪音 Running Noise dB(A)		73.1	73.7	74.8	79	79.2	79.6	80.4	81.5	83.1	84.2	
整机重量 Total Weight (kg)		880	910	1080	1220	1390	1510	1620	1730	1830	2140	
运行重量 Running Weight(kg)		970	1010	1220	1380	1530	1670	1780	1870	2020	2390	
机组尺寸 Dimension L×W×H (mm)		2200×800×1500	2250×800×1600	2350×900×1650	2550×900×1800	2900×900×1800	2900×900×1850	3000×1500×1500				

- 注:
- 名义制冷量基准: 蒸发器进出水温度12℃/7℃, 冷凝器进出水温度30℃/35℃, 污垢系数0.088m².℃/kw;
 - 冻水温度范围: 5℃~20℃; 冷却水温度范围: 20℃~40℃;
 - 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:
- Rated Cooling Capacity Based on: Chilled water inlet/outlet temp.12℃/7℃, Cooling water inlet/outlettemp. 30℃/35℃, Fouling factor: 0.088m².℃/KW
 - Chilled Water Range: 5~20℃; Cooling Water Range: 20~40℃;
 - Changes of Specification for Improvement May Be made without Notice.

工业冷水机 Industrial Water Chiller

