

# 敞开式压缩冷凝机组

## Open Compression Condenser Unit

敞开式压缩冷凝机组是我公司主要生产产品系列之一，产品设计结构紧凑、外形美观、操作方便、节约能耗，并能精确控制现代制冷行业所要求的温度、温度控制范围在-50°C~+15°C之间，操作简单，特别适用于冷冻行业、冷库工程、如食品加工、宾馆商场、饭店、化工行业等领域。

Open compression condensing unit is one of the main production products series, product design structure is compact, beautiful appearance, convenient operation, energy saving, and can accurately control the modern refrigeration industry temperature, temperature control range between 50°C ~ 15°C, simple operation, especially suitable for refrigeration industry, cold storage engineering, such as food processing, shopping malls, hotels, restaurants, chemical industry and other fields.

### 产品主要特点

product Main features

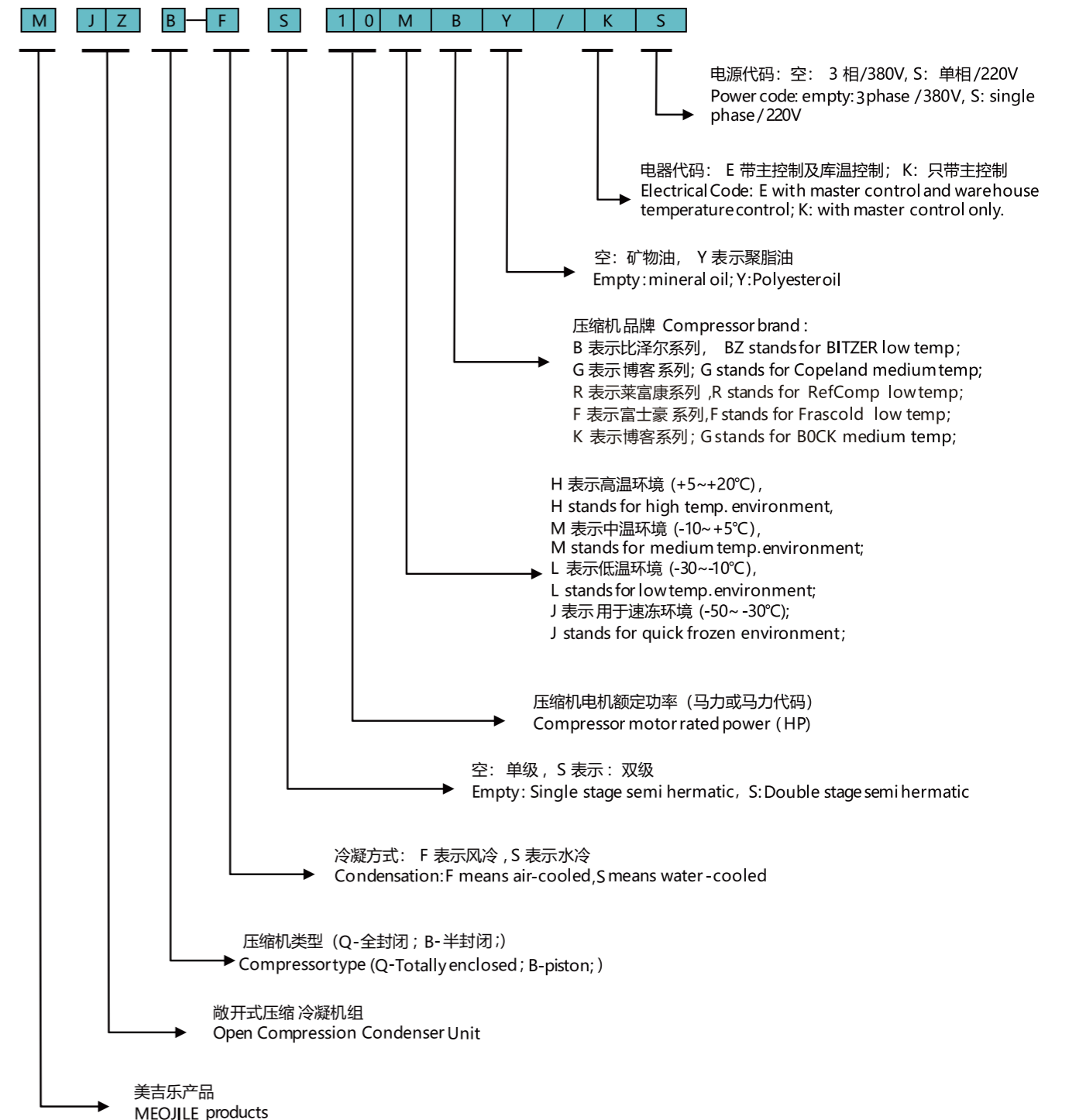
- 产品种类齐全，为客户提供了广阔的选择空间；
- 产品包括风冷式和水冷式两种，适应不同的应用场合；
- 风冷冷凝器在3.0MPa气压下进行气密性试验，保证了冷凝器具有高气密性的质量特性；
- 壳管式水冷凝器严格按照JB/T4750-2003《制冷装置用压力容器》生产和验收，确保产品的质量；
- 主机采用了国内外知名品牌的压缩机；
- 同一类型压缩机可使用R134a、R404A、R507A、R22、R407C制冷剂适用于高温（中温、低温、冻结）工况；
- 冷凝器容量大，机组能效比高；
- 与供应商保持良好的协作关系，保证了原材料的进货质量从而确保为客户提供高质量的产品；

1. Various kinds of products for your choice;
2. Two types: air cooled type and water cooled type to meet your different request;
3. Air cooled condenser was did tightness examination under 3.0MPa atmospheric pressure, to insure condenser quality;
4. Shell & tube water cooled condensers are produced and inspected strictly based on JB/T4750-2003《pressure vessel for refrigeration equipment》, to insure products quality;
5. Equip with well-known brand of compressors;
6. Same type of compressors can use different refrigerant R134a、R404A、R507A、R22、R407C; fits for different working conditions high temperature, low pressure, frozen)
7. Large volume, high efficient;
8. We keep in touch well with our supplier, guaranteed quality of material insure high quality products.



## 敞开式压缩冷凝机组命名规则

### NAMING RULES



MJZF半封闭敞开式风冷冷凝机组性能参数												
机组型号Unit model		MJZBF03 MBY	MJZBF04 MBY	MJZBF05 MBY	MJZBF06 MBY	MJZBF07 MBY	MJZBF09 MBY	MJZBF10 MBY	MJZBF12 MBY	MJZBF15 MBY	MJZBF20 MBY	
风冷凝器型号 Air Condenser Model		MNC010	MNC015	MNC017	MNC021	MNC030	MNC032	MNC035	MNC045	MNC050	MNC066	
制冷剂 Refrigerant		R507A(R404A/R22)										
电源 Power supply		380V/3P/50HZ										
压缩机 Compressor	型号 Model	2FES-3Y	2CES-4Y	4FE-5Y	4EES-6Y	4DES-7Y	4CES-9Y	4VES-10Y	4TES-12Y	4PES-15Y	4NES-20Y	
	数量 Qty	1	1	1	1	1	1	1	1	1	1	
冷凝器 Condenser	风机数量 Fan quantity	1	1	2	2	2	3	3	3	3	2	
	风机电压(V) Fan voltage	380	380	380	380	380	380	380	380	380	380	
	风机功率(W) Fan power	370	500	740	740	1000	1110	1110	1500	1500	3800	
适用蒸发温度范围 Evaporating Temperature		-20°C~+10°C										
蒸发温度 Evap.Temp	-8°C	制冷量 Cooling capacity(KW)	4.61	8.89	9.6	12.05	14.16	17.67	18.31	22.2	25.2	30.3
		输入功率 Power input(KW)	2.29	3.89	4.21	5.31	6.16	7.76	7.6	9.37	10.58	12.66
		运行电流 Running current(A)	4.32	7.02	7.82	9.34	11.04	13.32	13.72	16.31	19.13	22.1
供液管接口 Liquid pipe(mm)		Φ12	Φ12	Φ12	Φ12	Φ12	Φ12	Φ16	Φ16	Φ16	Φ22	
吸气管接口 Suction pipe(mm)		Φ22	Φ22	Φ22	Φ28	Φ28	Φ28	Φ28	Φ35	Φ42	Φ42	
外形尺寸 Overall size	L(mm)	780	980	1380	1380	1780	1980	1980	2580	2580	1180	
	W(mm)	350	400	350	350	400	350	350	400	400	450	
	H(mm)	650	755	650	650	755	650	650	755	755	955	
制冷量及功率标定基于冷凝温度45°C，吸气过热度10K，过冷度2K，适用于风冷式冷凝器；												
Cooling capacity and power input are calculated @ Tc 45 °C, sub. heat 10K, sub cool 2K, suitable for air cooled condenser.												

MJZBF半封闭敞开式风冷冷凝机组性能参数							
机组型号Unit model		MJZBF25MBY	MJZBF30MBY	MJZBF35MBY	MJZBF40MBY	MJZBF50MBY	
风冷凝器型号 Air Condenser Model		MNC066	MNC077	MNC100	MNC100	MNC115	
制冷剂Refrigerant		R507A(R404A/R22)					
电源Power supply		380V/3P/50HZ					
压缩机 Compressor	型号 Model	4HE-25Y	4GE-30Y	6HE-35Y	6GE-40Y	6FE-50Y	
	数量 Qty	1	1	1	1	1	
冷凝器 Condenser	风机数量 Fan quantity	2	2	3	3	3	
	风机电压(V) Fan voltage	380	380	380	380	380	
	风机功率(W) Fan power	3800	3800	5700	5700	5700	
适用蒸发温度范围 Evaporating Temperature		-20°C~+10°C					
蒸发温度 Evap.Temp	-8°C	制冷量 Cooling capacity(KW)	40.2	46.2	59.1	67.2	82
		输入功率 Power input(KW)	16.76	19.37	25	28.9	35.8
		运行电流 Running current(A)	29.5	34.9	44.6	53.6	73.6
供液管接口 Liquid pipe(mm)		Φ22	Φ22	Φ28	Φ28	Φ28	
吸气管接口 Suction pipe(mm)		Φ54	Φ54	Φ54	Φ54	Φ54	
外形尺寸 Overall size	L(mm)	2180	2180	3180	3180	3180	
	W(mm)	450	450	450	450	450	
	H(mm)	955	955	955	955	955	
制冷量及功率标定基于冷凝温度45°C，吸气过热度10K，过冷度2K，适用于风冷式冷凝器；							
Cooling capacity and power input are calculated @ Tc 45 °C, sub. heat 10K, sub cool 2K, suitable for air cooled condenser.							

MJZBF 半封闭敞式风冷冷凝机组性能参数									
机组型号 Unit model		MJZBF03 LBY	MJZBF04 LBY	MJZBF05 LBY	MJZBF06 LBY	MJZBF09 LBY	MJZBF12 LBY	MJZBF14 LBY	
风冷凝器型号 Air Condenser Model		MNC008	MNC010	MNC012	MNC015	MNC017	MNC021	MNC023	
制冷剂 Refrigerant		R507A(R404A/R22)							
电源 Power supply		380V/3P/50HZ							
压缩机 Compressor	型号 Model	2CES-3Y	4EES-4Y	4DES-5Y	4CES-6Y	4TES-9Y	4PES-12Y	4NES-14Y	
	数量 Qty	1	1	1	1	1	1	1	
冷凝器 Condenser	风机数量 Fan quantity	1	1	2	2	2	2	2	
	风机电压(V) Fan voltage	380	380	380	380	380	380	380	
	风机功率(W) Fan power	370	370	740	740	740	740	740	
适用蒸发温度范围 Evaporating Temperature		-30°C~-5°C							
蒸发温度 Evap.Temp	-25°C	制冷量 Cooling capacity(KW)	3.87	5.27	6.1	7.51	9.21	10.16	12.5
		输入功率 Power input(KW)	2.76	3.84	4.41	5.36	6.35	6.88	8.58
		运行电流 Running current(A)	5.4	6.78	8.09	9.98	11.35	12.69	15.16
供液管接口 Liquid pipe(mm)		Φ12	Φ12	Φ12	Φ12	Φ12	Φ16	Φ16	
吸气管接口 Suction pipe(mm)		Φ22	Φ28	Φ28	Φ28	Φ35	Φ35	Φ35	
外形尺寸 Overall size	L(mm)	780	780	980	980	1380	1380	1380	
	W(mm)	350	350	400	400	350	350	350	
	H(mm)	650	650	755	755	650	650	650	
制冷量及功率标定基于冷凝温度45°C，吸气过热度10K，过冷度2K，适用于风冷式冷凝器；									
Cooling capacity and power input are calculated @ Tc 45 °C, sub. heat 10K, sub cool 2K, suitable for air cooled condenser.									

MJZBF 半封闭敞式风冷冷凝机组性能参数							
机组型号 Unit model		MJZBF18LBY	MJZBF23LBY	MJZBF28LBY	MJZBF34LBY	MJZBF44LBY	
风冷凝器型号 Air Condenser Model		MNC038	MNC045	MNC066	MNC077	MNC100	
制冷剂 Refrigerant		R507A(R404A/R22)					
电源 Power supply		380V/3P/50HZ					
压缩机 Compressor	型号 Model	4HE-18Y	4GE-23Y	6HE-28Y	6GE-34Y	6FE-44Y	
	数量 Qty	1	1	1	1	1	
冷凝器 Condenser	风机数量 Fan quantity	1	3	2	2	3	
	风机电压(V) Fan voltage	380	380	380	380	380	
	风机功率(W) Fan power	1900	1500	3800	3800	5700	
适用蒸发温度范围 Evaporating Temperature		-30°C~-5°C					
蒸发温度 Evap.Temp	-25°C	制冷量 Cooling capacity(KW)	17.79	20.9	26.2	31.6	37.6
		输入功率 Power input(KW)	12	14.27	17.69	21.8	26.2
		运行电流 Running current(A)	21.2	24.5	32.5	38.5	49.9
供液管接口 Liquid pipe(mm)		Φ22	Φ22	Φ22	Φ22	Φ28	
吸气管接口 Suction pipe(mm)		Φ42	Φ42	Φ54	Φ54	Φ54	
外形尺寸 Overall size	L(mm)	1180	2580	2180	2180	3180	
	W(mm)	450	400	450	450	450	
	H(mm)	955	755	955	955	955	
制冷量及功率标定基于冷凝温度45°C，吸气过热度10K，过冷度2K，适用于风冷式冷凝器；							
Cooling capacity and power input are calculated @ Tc 45 °C, sub. heat 10K, sub cool 2K, suitable for air cooled condenser.							

MJZS半封闭敞开式水冷冷凝机组性能参数												
机组型号 Unit model		MJZBS03 MB(Y)	MJZBS04 MB(Y)	MJZBS05 MB(Y)	MJZBS06 MB(Y)	MJZBS07 MB(Y)	MJZBS09 MB(Y)	MJZBS10 MB(Y)	MJZBS12 MB(Y)	MJZBS15 MB(Y)	MJZBS20 MB(Y)	
壳管式冷凝器型号 Shell and Tube Condenser Model		JG-WN-9.2	JG-WN-9.2	JG-WN-15	JG-WN-15	JG-WN-21.5	JG-WN-21.5	JG-WN-27.5	JG-WN-27.5	JG-WN-43	JG-WN-47	
制冷剂 Refrigerant		R22(R404A/R507A)										
电源 Power supply		380V/3P/50HZ										
压缩机 Compressor	型号 Model	2FES-3	2CES-4	4FE-5	4EES-6	4DES-7	4CES-9	4VES-10	4TES-12	4PES-15	4NES-20	
	数量 Qty	1	1	1	1	1	1	1	1	1	1	
适用蒸发温度范围 Evaporating Temperature		-20°C~+10°C										
蒸发温度 Evap.Temp	-8°C	制冷量 Cooling capacity(KW)	5.11	9.35	9.99	12.71	14.73	18.7	20.1	24.3	27.8	32.8
		输入功率 Power input(KW)	1.92	3.28	3.46	4.41	5.07	6.47	6.53	7.97	9.08	10.67
		运行电流 Running current(A)	3.88	6.19	6.88	8.09	9.61	11.47	12.2	14.3	17.09	19.38
供液管接口 Liquid pipe(mm)		Φ10	Φ12	Φ12	Φ12	Φ12	Φ12	Φ16	Φ16	Φ16	Φ22	
吸气管接口 Suction pipe(mm)		Φ16	Φ22	Φ22	Φ28	Φ28	Φ28	Φ28	Φ35	Φ42	Φ42	
壳管式冷凝器 Shell and Tube Condenser	额定水流量 (m <sup>3</sup> /h) Rated water flow	1.58	1.58	2.58	2.58	3.66	3.66	4.75	4.75	7.42	8.1	
	按管尺寸 (寸) Pipe size	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	1-1/2"	2"	2"	
外形尺寸 Overall size	L(mm)	709	709	949	949	949	949	1029	1029	1129	1199	
	W(mm)	280	280	300	300	300	300	350	350	450	450	
	H(mm)	800	800	900	900	900	900	900	900	1000	1000	
制冷量及功率标定基于冷凝温度40°C，适用于水冷式冷凝器												
Cooling capacity and power are calculated by Tc. 40°C, this is also suitable for water chiller.												

MJZBS半封闭敞开式水冷冷凝机组性能参数							
机组型号 Unit model		MJZBS25MB(Y)	MJZBS30MB(Y)	MJZBS35MB(Y)	MJZBS40MB(Y)	MJZBS50MB(Y)	
壳管式冷凝器型号 Shell and Tube Condenser Model		JG-WN-61	JG-WN-71	JG-WN-86	JG-WN-105	JG-WN-124	
制冷剂 Refrigerant		R22(R404A/R507A)					
电源 Power supply		380V/3P/50HZ					
压缩机 Compressor	型号 Model	4HE-25	4GE-30	6HE-35	6GE-40	6FE-50	
	数量 Qty	1	1	1	1	1	
适用蒸发温度范围 Evaporating Temperature		-20°C~+10°C					
蒸发温度 Evap.Temp	-8°C	制冷量 Cooling capacity(KW)	43.7	50.7	65.5	75.2	90.6
		输入功率 Power input(KW)	14.3	16.48	21.5	24.7	30.1
		运行电流 Running current(A)	26.1	30.8	39.7	48	66.7
供液管接口 Liquid pipe(mm)		Φ22	Φ22	Φ28	Φ28	Φ28	
吸气管接口 Suction pipe(mm)		Φ54	Φ54	Φ54	Φ54	Φ54	
壳管式冷凝器	额定水流量 (m <sup>3</sup> /h) Rated water flow	10.6	12.2	14.9	18.1	21.4	
	按管尺寸 (寸) Pipe size	2"	2"	2"	2-1/2"	2-1/2"	
外形尺寸 Overall size	L(mm)	1379	1379	1379	1379	1529	
	W(mm)	550	550	550	550	550	
	H(mm)	1000	1000	1000	1100	1100	
制冷量及功率标定基于冷凝温度40°C，适用于水冷式冷凝器							
Cooling capacity and power are calculated by Tc. 40°C, this is also suitable for water chiller.							

MJZBS半封闭敞开水冷冷凝机组性能参数									
机组型号 Unit model		MJZBS03 LB(Y)	MJZBS04 LB(Y)	MJZBS05 LB(Y)	MJZBS06 LB(Y)	MJZBS09 LB(Y)	MJZBS12 LB(Y)	MJZBS14 LB(Y)	
壳管式冷凝器型号 Shell and Tube Condenser Model		JG-WN-9.2	JG-WN-9.2	JG-WN-15	JG-WN-21.2	JG-WN-27.5	JG-WN-43	JG-WN-43	
制冷剂 Refrigerant		R22(R404A/R507A)							
电源 Power supply		380V/3P/50HZ							
压缩机 Compressor	型号 Model	2CES-3	4EES-4	4DES-5	4CES-6	4TES-9	4PES-12	4NES-14	
	数量 Qty	1	1	1	1	1	1	1	
适用蒸发温度范围 Evaporating Temperature		-30°C~-5°C							
蒸发温度 Evap.Temp	-25°C	制冷量 Cooling capacity(KW)	4.33	5.74	6.72	8.67	10.72	11.96	14.36
		输入功率 Power input(KW)	2.4	3.13	3.67	4.7	5.63	6.18	7.5
		运行电流 Running current(A)	4.95	5.79	7.13	9.16	10.3	11.73	13.64
供液管接口 Liquid pipe(mm)		Φ12	Φ12	Φ12	Φ12	Φ12	Φ16	Φ16	
吸气管接口 Suction pipe(mm)		Φ22	Φ28	Φ28	Φ28	Φ35	Φ35	Φ35	
壳管式冷凝器	额定水流量 (m <sup>3</sup> /h) Rated water flow	1.58	1.58	2.58	3.66	4.75	7.42	7.42	
	按管尺寸 (寸) Pipe size	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	2"	2"	
外形尺寸 Overall size	L(mm)	709	709	949	949	1029	1129	1129	
	W(mm)	300	300	300	300	350	450	450	
	H(mm)	800	800	900	900	900	1000	1000	
制冷量及功率标定基于冷凝温度40°C，适用于水冷式冷凝器									
Cooling capacity and power are calculated by Tc. 40°C, this is also suitable for water chiller.									

MJZBS半封闭敞开水冷冷凝机组性能参数							
机组型号 Unit model		MJZBS18LB(Y)	MJZBS23LB(Y)	MJZBS28LB(Y)	MJZBS34LB(Y)	MJZBS44LB(Y)	
壳管式冷凝器型号 Shell and Tube Condenser Model		JG-WN-47	JG-WN-61	JG-WN-71	JG-WN-105	JG-WN-124	
制冷剂 Refrigerant		R22(R404A/R507A)					
电源 Power supply		380V/3P/50HZ					
压缩机 Compressor	型号 Model	4HE-18	4GE-23	6HE-28	6GE-34	6FE-44	
	数量 Qty	1	1	1	1	1	
适用蒸发温度范围 Evaporating Temperature		-30°C~-5°C					
蒸发温度 Evap.Temp	-25°C	制冷量 Cooling capacity(KW)	19.43	23.5	29.9	34.6	42
		输入功率 Power input(KW)	10.1	12.27	15.51	18.05	22.1
		运行电流 Running current(A)	18.63	21.6	29.5	33	44.6
供液管接口 Liquid pipe(mm)		Φ22	Φ22	Φ22	Φ22	Φ28	
吸气管接口 Suction pipe(mm)		Φ42	Φ42	Φ54	Φ54	Φ54	
壳管式冷凝器	额定水流量 (m <sup>3</sup> /h) Rated water flow	8.1	10.6	12.2	18.1	21.4	
	按管尺寸 (寸) Pipe size	2"	2"	2"	2-1/2"	2-1/2"	
外形尺寸 Overall size	L(mm)	1199	1379	1379	1379	1529	
	W(mm)	450	550	550	550	550	
	H(mm)	1000	1000	1000	1100	1100	
制冷量及功率标定基于冷凝温度40°C，适用于水冷式冷凝器							
Cooling capacity and power are calculated by Tc. 40°C, this is also suitable for water chiller.							

**MJZBF-S半封闭双级机敞式风冷冷凝机组性能参数**

机组型号Unit model		MJZBF-S 5JBY	MJZBF-S 8JBY	MJZBF-S 12JBY	MJZBF-S 16JBY	MJZBF-S 20JBY	MJZBF-S 25JBY	MJZBF-S 30JBY	
风冷器型号 Air Condenser Model		FN-70/22	FN-120/31	FN-180/48	FN-220/66	FN-260/77	FN-300/88	FN-360/104	
制冷剂 Refrigerant		R507(R404A)							
电源 Power supply		380V/3P/50HZ							
压缩机 Compressor	型号 Model	S4T-5.2Y	S4N-8.2Y	S4G-12.2Y	S6J-16.2Y	S6H-20.2Y	S6G-25.2Y	S6F-30.2Y	
	数量 Qty	1	1	1	1	1	1	1	
冷凝器 Condenser	风机数量 Fan quantity	1	2	2	4	4	4	4	
	风机电压(V) Fan voltage	380	380	380	380	380	380	380	
	风机功率(W)Fan power	750W	500*2	750*2	500*4	500*4	750*4	750*4	
适用蒸发温度范围 Evaporating Temperature		-65°C~-20°C							
蒸发温度 Evap.Temp	-42°C	制冷量 Coolingcapacity(KW)	4.39	6.24	9.93	13.93	16.06	18.33	21.7
		输入功率 Power input(KW)	4.02	5.75	8.64	12.1	14.02	16.1	19.27
		运行电流 Running current(A)	7.25	9.92	15.53	20.5	23.8	27.6	33.4
供液管接口 Liquid pipe(mm)		Φ16	Φ16	Φ22	Φ22	Φ22	Φ22	Φ22	
吸气管接口 Suction pipe(mm)		Φ28	Φ28	Φ35	Φ42	Φ42	Φ42	Φ42	
外形尺寸 Overall size	L(mm)	1085	1270	1270	1270	1340	1340	1250	
	W(mm)	930	930	1050	1050	1110	1130	730	
	H(mm)	660	810	1210	1460	1410	1410	927	

制冷量及功率标定基于冷凝温度45°C，适用于风冷式冷凝器

Cooling capacity and power are calculated by Tc. 45°C, this is also suitable for air cooled condenser.

**MJZBS-S半封闭双级敞式水冷冷凝机组性能参数**

机组型号Unit model		MJZBF-S 5JBY	MJZBF-S 8JBY	MJZBF-S 12JBY	MJZBF-S 16JBY	MJZBF-S 20JBY	MJZBF-S 25JBY	MJZBF-S 30JBY	
壳管式冷凝器型号 Shell and Tube Condenser Model		JG-WN-21.2	JG-WN-27.5	JG-WN-43	JG-WN-61	JG-WN-71	JG-WN-88	JG-WN-105	
制冷剂Refrigerant		R507A(R404A)							
电源Power supply		380V/3P/50HZ							
压缩机 Compressor	型号 Model	S4T-5.2Y	S4N-8.2Y	S4G-12.2Y	S6J-16.2Y	S6H-20.2Y	S6G-25.2Y	S6F-30.2Y	
	数量 Qty	1	1	1	1	1	1	1	
适用蒸发温度范围 Evaporating Temperature		-65°C~-20°C							
蒸发温度 Evap.Temp	-42°C	制冷量 Coolingcapacity(KW)	4.51	6.41	10.25	14.35	16.57	18.92	22.4
		输入功率 Power input(KW)	3.82	5.46	7.33	11.48	13.2	1.28	18.29
		运行电流 Running current(A)	6.99	9.52	14.95	19.59	22.8	26.5	32
供液管接口 Liquid pipe(mm)		Φ16	Φ16	Φ22	Φ22	Φ22	Φ22	Φ22	
吸气管接口 Suction pipe(mm)		Φ28	Φ28	Φ35	Φ42	Φ42	Φ42	Φ42	
壳管式冷凝器	额定水流量 (m <sup>3</sup> /h) Rated water flow	4.42	5.73	8.95	12.7	14.8	18.3	22	
	按管尺寸 (寸) Pipe size	1-1/4"	1-1/2"	2"	2"	2"	2"	2.5"	
外形尺寸 Overall size	L(mm)	1150	1150	1400	1650	1650	1650	1650	
	W(mm)	500	500	650	750	750	750	750	
	H(mm)	1100	1100	1200	1200	1200	1200	1200	

制冷量及功率标定基于冷凝温度40°C，适用于水冷式冷凝器

Cooling capacity and power are calculated by Tc. 40°C, this is also suitable for water chiller.