

Bitzer® SRG/SRB Series Condensing Units with Housing



Nomenclature:

SRB05MY

SR : Series Code

B : Type of Condenser

B: V type condenser; G: U type condenser

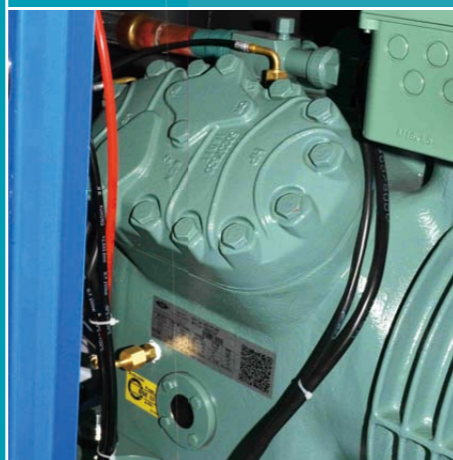
05 : Compressor Nominal Capacity (HP)

M : Temperature

M: -5 ~ +5°C, L: -15 ~ -30°C

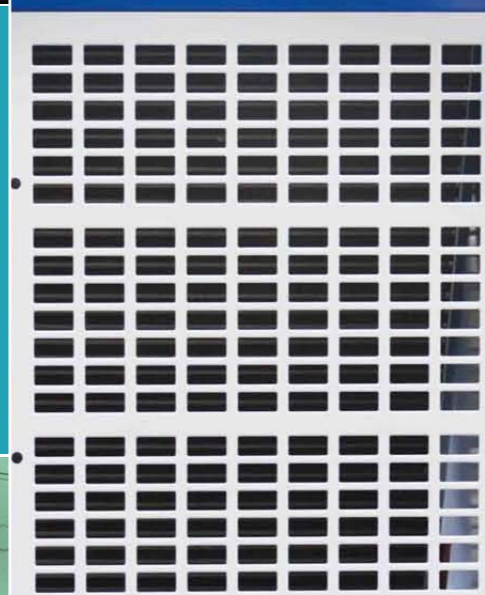
Y : Refrigerant

Y: R404A / R448A / R449A



Product Description:

- ★ Widely application for all kinds of coldroom
- ★ System with alarm function
- ★ Copper tube & aluminum fin aircooled heat exchanger
- ★ Low noise & high efficient axial fan motor
- ★ One of the Condenser fan could be turned off with the signal come from the single HP.



Supcool Refrigeration Equipment Factory

Middle & High Temperature SRG Units

Model	SRG02MY	SRG03MY	SRG04MY	SRG05MY	SRG06MY	SRG09MY	SRG12MY	SRG14MY	SRG18MY	SRG23MY	
Room Temperature (°C)	-5°C ~ +5°C										
Refrigerant	R404A / R448A / R449A										
Power Supply	380V/3P/50Hz										
Compressor	2DES-2Y	2CES-3Y	4EES-4Y	4DES-5Y	4CES-6Y	4TES-9Y	4PES-12Y	4NES-14Y	4HE-18Y	4GE-23Y	
Condenser	Fan Qty	1	1	1	1	1	2	2	2	2	
	Supply Voltage (V)	220	220	220	220	220	220	220	220	220	
	Fan Input (W)	250	250	550	550	550	380×2	380×2	750×2	750×2	
Capacity & Input	Eavp -5°C	Cooling Capacity (W)	7770	9590	13220	15800	19150	24200	27600	32900	44200
		Input (KW)	3.41	4.16	5.76	6.8	8.13	10.18	11.29	13.63	18.39
	Eavp -10°C	Cooling Capacity (W)	6220	7700	10560	12610	15250	19160	21800	26100	35400
		Input (KW)	3.13	3.84	5.34	6.3	7.51	9.28	10.27	12.48	16.89
	Eavp -15°C	Cooling Capacity (W)	4900	6100	8330	9940	11980	14960	16850	20300	28000
		Input (KW)	2.84	3.5	4.87	5.75	6.82	8.32	9.17	11.23	15.3
Pipe	Suction Pipe (W)	φ22	φ22	φ28	φ28	φ28	φ35	φ35	φ35	φ42	
	Liquid Pipe (mm)	φ12	φ12	φ12	φ12	φ12	φ16	φ16	φ22	φ22	
Overall Dimension	L (mm)	973	973	973	973	973	1360	1360	1876	1876	
	W (mm)	715	715	865	865	865	865	865	965	965	
	H (mm)	815	815	1235	1235	1235	1235	1235	1235	1235	
Mounting Size (a×b) (mm)	570×635	570×635	570×825	570×825	570×825	950×825	950×825	755×925	755×925	755×925	

Remarks: 1.Ambient Temp. 32°C, condensing temp. 45°C.

Middle & Low Temperature SRG Units

Model	SRG04LY	SRG05LY	SRG06LY	SRG09LY	SRG12LY	SRG14LY	SRG18LY	SRG23LY	SRG28LY	SRG34LY	
Room Temperature (°C)	-15°C ~ -30°C										
Refrigerant	R404A / R448A / R449A										
Power Supply	380V/3P/50Hz										
Compressor	4EES-4Y	4DES-5Y	4CES-6Y	4TES-9Y	4PES-12Y	4NES-14Y	4HE-18Y	4GE-23Y	4FE-28Y	6GE-34Y	
Condenser	Fan Qty	1	1	1	1	1	2	2	2	2	
	Supply Voltage (V)	220	220	220	220	220	220	220	220	220	
	Fan Input (W)	250	250	250	550	550	550	380×2	380×2	750×2	
Capacity & Input	Eavp -25°C	Cooling Capacity (W)	4940	5900	7040	8620	9500	11700	16690	19670	23500
		Input (KW)	3.84	4.55	5.36	6.35	6.88	8.58	12.0	14.27	17.13
	Eavp -30°C	Cooling Capacity (W)	3690	4400	5220	6310	6830	8550	12450	14820	17760
		Input (KW)	3.32	3.94	4.61	5.38	5.74	7.24	10.35	12.33	14.78
	Eavp -35°C	Cooling Capacity (W)	2680	3200	3760	4460	4710	6030	9000	10870	12980
		Input (KW)	2.8	3.34	3.89	4.46	4.64	5.94	8.75	10.46	12.46
Eavp -40°C	Cooling Capacity (W)	1880	2250	2610	3000	3060	4060	6220	7690	9070	
	Input (KW)	2.3	2.76	3.2	3.61	3.62	4.72	7.23	8.71	10.22	
Pipe	Suction Pipe (mm)	φ28	φ28	φ28	φ35	φ35	φ35	φ42	φ42	φ54	
	Liquid Pipe (mm)	φ12	φ12	φ12	φ16	φ16	φ22	φ22	φ22	φ22	
Overall Dimension	L (mm)	973	973	973	973	973	1360	1360	1876	1876	
	W (mm)	715	715	715	865	865	865	865	965	965	
	H (mm)	815	815	815	1235	1235	1235	1235	1235	1235	
Mounting Size (a×b) (mm)	570×675	570×675	570×675	570×825	570×825	570×825	950×825	950×825	755×925	755×925	

Remarks: 1.Ambient Temp. 32°C, condensing temp. 45°C.

Middle & High Temperature SRB Units

Model	SRB20MY	SRB25MY	SRB30MY	SRB35MY	SRB40MY	SRB50MY		
Room Temperature (°C)	-5°C ~ +5°C							
Refrigerant	R404A / R448A / R449A							
Power Supply	380V/3P/50Hz							
Compressor	4NES-20Y	4HE-25Y	4GE-30Y	4FE-35Y	6GE-40Y	6FE-50Y		
Condenser	Fan Qty	2	2	2	3	3		
	Supply Voltage (V)	2x12200	2x15000	2x19000	3x13200	3x15000	3x19000	
	Fan Input (W)	2x500	2x750	2x1100	3x550	3x750	3x1100	
Capacity & Input	Eavp +5°C	Cooling capacity (W)	41600	60900	65900	81600	85000	100300
		Input (KW)	18.05	22.3	26.9	34.4	38.6	45.4
	Eavp 0°C	Cooling Capacity (W)	36000	52200	57900	70800	76400	82280
		Input (KW)	15.85	20.6	25	31.8	38.3	41.4
Eavp -15°C	Cooling Capacity (W)	21700	30300	36100	43150	48200	58000	
	Input (KW)	12.15	15.85	18.85	25.2	27.5	31.4	
Pipe	Suction Pipe (mm)	Φ19	Φ19	Φ19	Φ22	Φ22	Φ29	
	Liquid Pipe (mm)	Φ41	Φ54	Φ54	Φ54	Φ54	Φ67	
Overall Dimension	L (mm)	1750	1900	2250	2650	2950	3400	
	W (mm)	1000	1175	1175	1175	1175	1175	
	H (mm)	1900	1980	1980	1980	1980	1980	
Mounting Size (a x b) (mm)	1050x920	1200x1100	1550x1100	1950x1100	2250x1100	2700x1100		

Remarks: 1.Ambient Temp. 32°C, condensing temp.45°C.

Middle & Low Temperature SRB Units

Model	SRB18LY	SRB23LY	SRB28LY	SRB34LY	SRB44LY		
Room Temperature (°C)	-10°C ~ -25°C						
Refrigerant	R404A / R448A / R449A						
Power Supply	380V/3P/50Hz						
Compressor	4HE-18Y	4GE-23Y	6HE-28Y	6GE-34Y	6FE-44Y		
Condenser	Fan Qty	2	2	2	2		
	Supply Voltage (V)	2X8720	2X10820	2X10820	2X15000	2X19000	
	Fan Input (W)	2X600	2X780	2X780	2X750	2X1100	
Capacity & Input	Eavp -15°C	Cooling Capacity (W)	25300	28800	31600	41500	46300
		Input (KW)	16.7	19.8	25.4	23.6	27.7
	Eavp -25°C	Cooling Capacity (W)	13250	17200	22400	27000	30400
		Input (KW)	9.56	12.8	14.05	18.5	21.2
Eavp -35°C	Cooling Capacity (W)	10350	13600	18100	20900	23400	
	Input (KW)	8.4	11.05	16.2	16.15	18.15	
Pipe	Suction Pipe (mm)	Φ16	Φ29	Φ19	Φ22	Φ22	
	Liquid Pipe (mm)	Φ41	Φ54	Φ54	Φ54	Φ67	
Overall Dimension	L (mm)	1550	1700	1700	1900	2250	
	W (mm)	900	1000	1000	1175	1175	
	H (mm)	1500	1780	1780	1980	1980	
Mounting Size (a x b) (mm)	900X820	1000X920	1000X920	1200X1100	1550X1100		

Remarks: 1.Ambient Temp. 32°C, condensing temp.45°C.



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