

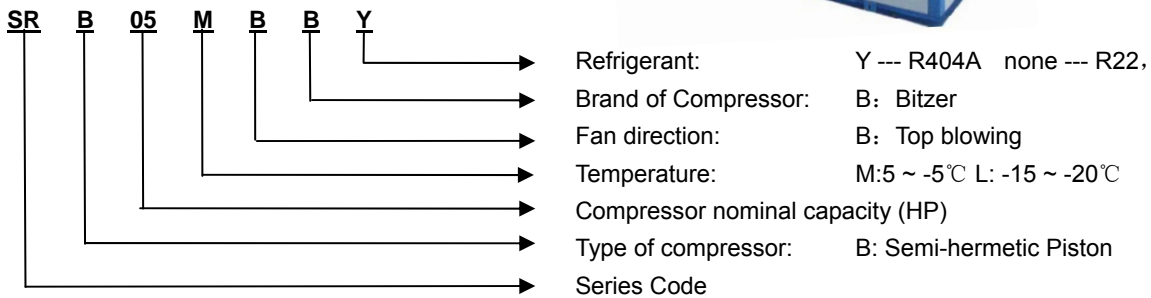
SRB series Box type condensing units (Bitzer compressor)

1. Product description

- ◆ Temperature -5℃~5℃ & -15℃~-20℃
- ◆ Compact body
- ◆ Copper tube & aluminum fin typ heat exchanger;
- ◆ External rotor fan with low running noise;



2. Nomenclature:



3. Specification

3.1 Middle & High Temperature Units

Model		SRB03MBB	SRB04MBB	SRB05MBB	SRB06MBB	SRB07MBB	
Temperature (℃)		-5℃ ~5℃					
Refrigerant		R22					
Power Supply		380V/3P/50Hz					
Compressor		2DC3.2	2CC4.2	4FC5.2	4EC6.2	4DC7.2	
Condenser	Qty	1	1	2	2	2	
	Supply voltage(V)	380	380	380	380	380	
	Fan Input (W)	250	250	200×2	200×2	200×2	
Cooling Capacity & Input	Eavp 0℃	Cooling capacity (W)	8250	10130	11730	14390	17550
		Input (W)	3.23	3.99	4.45	5.56	6.57
	Eavp -5℃	Cooling capacity (W)	6610	8140	9400	11550	14110
		Input (W)	2.98	3.67	4.12	5.12	6.14
	Eavp -10℃	Cooling capacity (W)	5200	6430	7390	9110	11150
		Input (W)	2.72	3.33	3.76	4.65	5.65
Pipe	Suction Pipe (mm)	φ22	φ22	φ22	φ28	φ28	
	Liquid Pipe (mm)	φ12	φ12	φ12	φ12	φ12	
Overall Dimension	L (mm)	900	900	1030	1030	1030	
	W (mm)	780	780	880	880	880	
	H (mm)	740	740	740	740	740	
Mounting Size (A×B) (mm)		450×750	450×750	600×850	600×850	600×850	

Model		SRB10MBB	SRB12MBB	SRB15MBB	SRB20MBB	SRB25MBB	
Temperature (°C)		-5°C ~5 °C					
Refrigerant		R22					
Power Supply		380V/3P/50Hz					
Compressor		4VCS10.2	4TCS12.2	4PCS15.2	4NCS20.2	4H25.2	
Condenser	Qty	2	2	2	2	2	
	Supply voltage(V)	380	380	380	380	380	
	Fan Input (W)	250×2	450×2	600×2	600×2	800×2	
Cooling Capacity & Input	Eavp0°C	Cooling capacity (W)	23000	27800	33300	38600	50300
		Input (W)	7.97	9.8	11.23	13.65	17.25
	Eavp-5°C	Cooling capacity (W)	18720	22600	27000	31300	40900
		Input (W)	7.43	9.13	10.45	12.6	16.1
	Eavp-10°C	Cooling capacity (W)	14990	18120	21600	25100	32800
		Input (W)	6.82	8.39	9.6	11.46	14.83
Pipe	Suction Pipe (mm)	φ28	φ35	φ35	φ42	φ54	
	Liquid Pipe (mm)	φ16	φ16	φ22	φ22	φ22	
Overall Dimension	L (mm)	1550	1550	1550	1550	1860	
	W (mm)	965	965	965	965	1090	
	H (mm)	1700	1700	1700	1700	1800	
Mounting Size (A×B) (mm)		1000×910	1000×910	1000×910	1000×910	1400×1035	

Model		SRB30MBB	SRB35MBB	SRB40MBB	SRB50MBB	
Temperature (°C)		-5°C ~5 °C				
Refrigerant		R22				
Power Supply		380V/3P/50Hz				
Compressor		4G30.2	6H35.2	6G40.2	6F50.2	
Condenser	Qty	2	3	3	3	
	Supply voltage(V)	380	380	380	380	
	Fan Input (W)	800×2	800×3	800×3	800×3	
Cooling Capacity & Input	Eavp0°C	Cooling capacity (W)	57700	75600	86600	102500
		Input (W)	20.4	25.9	30.7	37.9
	Eavp-5°C	Cooling capacity (W)	46900	61400	70400	83500
		Input (W)	19.04	24.2	28.6	35.5
	Eavp-10°C	Cooling capacity (W)	37600	49200	56500	67300
		Input (W)	17.57	22.3	26.4	32.8
Pipe	Suction Pipe (mm)	φ54	φ54	φ54	φ54	
	Liquid Pipe (mm)	φ22	φ28	φ28	φ28	
Overall Dimension	L (mm)	1860	2660	2660	2660	
	W (mm)	1090	1090	1090	1090	
	H (mm)	1800	1800	1800	1800	
Mounting Size (A×B) (mm)		1400×1035	2*1100×1035	2*1100×1035	2*1100×1035	

Condensing Temp: 50℃, Suction overheat: 10K

3.2 Middle & Low Temperature Units

Model		SRB03LBB	SRB04LBB	SRB05LBB	SRB06LBB	
Temperature (℃)		-15℃ ~20℃				
Refrigerant		R22				
Power Supply		380V/3P/50Hz				
Compressor		2CC3.2	4EC4.2	4DC5.2	4CC6.2	
Condenser	Qty	1	2	2	2	
	Supply voltage(V)	380	380	380	380	
	Fan Input (W)	180	180×2	180×2	180×2	
Cooling Capacity & Input	Eavp -20℃	Cooling capacity (W)	4230	5860	6930	7940
		Input (W)	2.79	4.01	4.67	5.67
	Eavp -25℃	Cooling capacity (W)	3150	4430	5260	5780
		Input (W)	2.46	3.57	4.23	5.0
	Eavp -30℃	Cooling capacity (W)	2280	3250	3880	--
		Input (W)	2.19	3.04	3.82	--
Pipe	Suction Pipe (mm)	φ22	φ22	φ28	φ28	
	Liquid Pipe (mm)	φ12	φ12	φ12	φ12	
Overall Dimension	L (mm)	900	1030	1030	1030	
	W (mm)	780	880	880	880	
	H (mm)	740	740	740	740	
Mounting Size (A×B) (mm)		450×750	600×850	600×850	600×850	

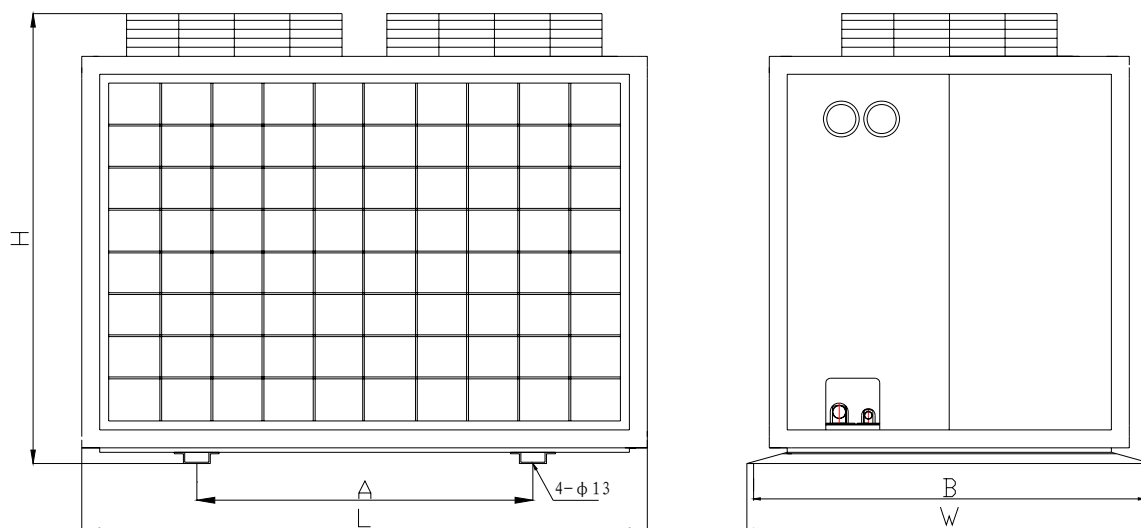
Condensing Temp: 50℃, Suction overheat: 10K

Model		SRB08LBB	SRB10LBB	SRB12LBB	SRB15LBB	
Temperature (℃)		-15℃ ~-20℃				
Refrigerant		R22				
Power Supply		380V/3P/50Hz				
Compressor		4TCS8.2	4PCS10.2	4NCS12.2	4H15.2	
Condenser	Qty	2	2	2	2	
	Supply voltage(V)	380	380	380	380	
	Fan Input (W)	250×2	250×2	250×2	450×2	
Cooling Capacity & Input	Eavp -20℃	Cooling capacity (W)	11330	13140	15500	19790
		Input (W)	6.87	7.88	9.2	12.5
	Eavp -25℃	Cooling capacity (W)	8550	9930	11600	14910
		Input (W)	6.09	6.91	8.09	10.85
	Eavp -30℃	Cooling capacity (W)	6260	7250	8460	10820
		Input (W)	5.25	5.89	6.94	9.21
Pipe	Suction Pipe (mm)	φ35	φ35	φ35	φ42	
	Liquid Pipe (mm)	φ16	φ16	φ22	φ22	
Overall Dimension	L (mm)	1350	1350	1350	1550	
	W (mm)	800	800	800	965	
	H (mm)	1440	1440	1440	1700	
Mounting Size (A×B) (mm)		1000×748	1000×748	1000×748	1000×910	

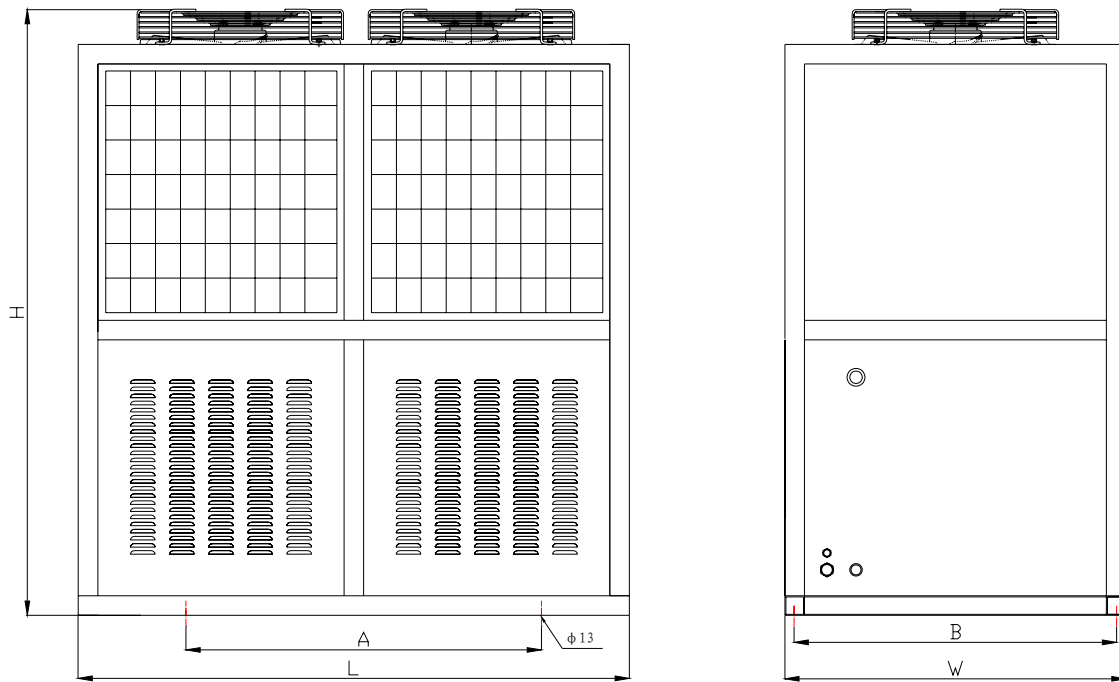
Model		SRB20LBB	SRB25LBB	SRB30LBB	SRB40LBB	
Temperature (°C)		-15°C ~ -20 °C				
Refrigerant		R22				
Power Supply		380V/3P/50Hz				
Compressor		4G20.2	6H25.2	6G30.2	6F40.2	
Condenser	Qty	2	2	2	2	
	Supply voltage(V)	380	380	380	380	
	Fan Input (W)	600×2	600×2	800×2	800×2	
Cooling Capacity & Input	Eavp -20°C	Cooling capacity (W)	23000	29700	34500	41500
		Input (W)	14.83	18.75	22.2	27.0
	Eavp -25°C	Cooling capacity (W)	17330	22400	26000	31400
		Input (W)	13.14	16.28	19.71	23.7
	Eavp -30°C	Cooling capacity (W)	12600	16240	18900	23000
		Input (W)	11.23	13.81	16.85	20.2
Pipe	Suction Pipe (mm)	φ54	φ54	φ54	φ54	
	Liquid Pipe (mm)	φ22	φ22	φ22	φ28	
Overall Dimension	L (mm)	1550	1550	1860	1860	
	W (mm)	965	965	1090	1090	
	H (mm)	1700	1700	1800	1800	
Mounting Size (A×B) (mm)		1000×910	1000×910	1400×1035	1400×1035	

Condensing Temp: 50°C, Suction overheat10K; CIC is necessary at low evaporation temperature.

4. Overall dimensions



SRB03MBB-SRB07MBB、SRB03LBB-SRB06LBB Overall Dimension



SRB10MBB-SRB50MBB、SRB08LB-SRB40LBB Overall Dimension