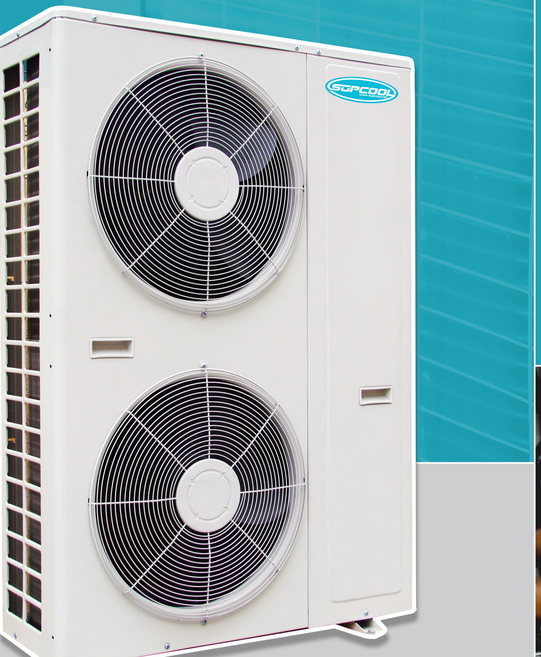
Copeland®
SRQ Series Condensing Units with Housing





Nomenclature:

SRQ0MY

SRQ : **Series Name**

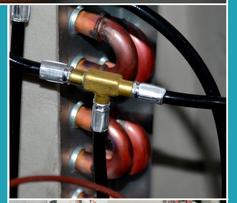
05 : **Compressor Nominal Power (HP)**

M : **Temp Range** H: 5~15°C /M: -5~5°C / L: -18~-35°C

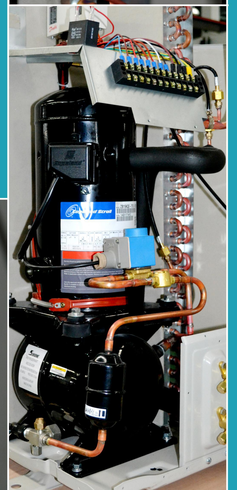
Y : **Refrigerant** Y: R404A / R448A / R449A

Product Description:

- ★ Copeland Scroll Compressor and Electrical control inside;
- ★ All kinds of Coldroom control is available base on customer's requirement;
- ★ Condenser fan speed regulator;
- ★ Real-time operating parameter shown on the control panel;
- ★ With System Alarm Function.







Supcool Refrigeration Equipment Factory

Middle and High Temperature Series (Refrigerant R404A / R448A / R449A)

Model		SRQ02MY	SRQ03MY	SRQ04MY	SRQ05MY	SRQ06MY	SRQ07MY	SRQ08MY	SRQ09MY	SRQ10MY	SRQ13MY	SRQ15MY
Room Temperature		-15°C ~ +5 °C										
Refrigerant		R404A / R448A / R449A										
Power Supply		380V/3Ph/50 HZ										
Compressor Model		ZB15KQE	ZB21KQE	ZB29KQE	ZB38KQE	ZB45KQE	ZB48KQE	ZB58KQE	ZB66KQE	ZB76KQE	ZB95KQE	ZB114KQE
Condenser	Fan Qty	1	1	1	2	2	2	1	1	1	2	2
	Fan Voltage (V)	220	220	220	220	220	220	380	380	380	380	380
	Fan Input (W)	120	120	120	120×2	120×2	120×2	550	550	550	380×2	380×2
Cooling Capacity & Input	Evap -5°C Capacity (W)	3820	5740	7840	9720	11450	13270	15250	17150	20300	25000	29700
	Evap -5°C Input (KW)	1.76	2.5	3.32	4.2	4.79	5.24	6.32	7.09	8.2	10.5	12.65
	Evap -10°C Capacity (W)	3070	4680	6370	7910	9310	11047	12350	14000	16600	20000	24000
	Evap -10°C Input (KW)	1.82	2.51	3.35	4.2	4.81	5.26	6.31	7.08	8.2	10.5	12.65
	Evap -15°C Capacity (W)	2430	3780	5120	6380	7510	9114	9750	11300	13350	16000	18900
	Evap -15°C Input (KW)	1.88	2.52	3.37	4.2	4.82	5.27	6.31	7.06	8.1	10.5	12.65
	Evap -20°C Capacity (W)	1860	3010	4070	5090	6000	7442	7420	8990	10550	12200	14300
	Evap -20°C Input (KW)	1.93	2.52	3.39	4.19	4.81	5.28	6.31	7.03	8.0	10.6	12.8
Pipe	Suction Pipe (mm)	ф19	ф19	ф19	ф19	ф19	ф19	Φ28	Φ28	Φ28	Φ28	Φ28
	Liquid Pipe (mm)	ф10	ф10	ф12	ф12	ф12	ф12	ф16	ф16	ф16	ф16	ф16
Overall Dimension	L (mm)	1020	1020	1020	1020	1020	1020	967	1020	1020	1020	1020
	W (mm)	420	420	420	420	420	420	825	420	420	420	420
	H (mm)	840	840	840	1240	1240	1240	1035	840	840	1240	1240
Instal Sizes (a×b) (mm)		580×380	580×380	580×380	580×380	580×380	580×380	570×785	570×785	570×785	900×785	900×785

Remarks: 1.Cooling capacity at condensing Temp. 45°C ; 2.220V/50Hz power is available for 2HP~4HP units; 3.The matched evaporators for these units should be equipped with 220V single phase fan motor.

Low Temperature Series (Refrigerant R404A / R448A / R449A)

Model		SRQ02LY	SRQ03LY	SRQ04LY	SRQ05LY	SRQ06LY	SRQ08LY
Room Temperature		-20°C ~ -15 °C					
Refrigerant		R404A / R448A / R449A					
Power Supply		380V/3Ph/50 HZ					
Compressor Model		ZSI06KQE	ZSI09KQE	ZSI11KQE	ZSI15KQE	ZSI18KQE	ZSI21KQE
Condenser	Fan Qty	1	1	1	2	2	2
	Fan Voltage (V)	220	220	220	220	220	220
	Fan Input (W)	60	60	60	2X60	2X60	2X60
Cooling Capacity & Input	Evap -20°C Capacity (W)	2330	3240	4120	5930	7230	8060
	Evap -20°C Input (KW)	1.79	2.25	2.63	3.59	4.44	4.9
	Evap -25°C Capacity (W)	1880	2620	3340	4830	5910	6590
	Evap -25°C Input (KW)	1.73	2.2	2.57	3.44	4.28	4.74
	Evap -30°C Capacity (W)	1500	2070	2610	3790	4780	5350
	Evap -30°C Input (KW)	1.66	2.12	2.44	3.3	4.17	4.95
Pipe	Suction Pipe (mm)	ф19	ф19	ф19	ф19	ф19	ф19
	Liquid Pipe (mm)	ф10	ф10	ф10	ф10	ф10	ф10
Overall Dimension	L (mm)	1020	1020	1020	1020	1020	1020
	W (mm)	420	420	420	420	420	420
	H (mm)	840	840	840	840	840	840
Instal Sizes (a×b) (mm)		580X380	580X380	580X380	580X380	580X380	580X380

Remarks: 1. Cooling capacity at condensing Temp 45°C ; 2.220V/50HZ power is available for 2HP~4HP; 3.The matched evaporators for these units should be equipped with 220V single phase fan motor.