Copeland®

SRW Condensing Units with Housing & Control



Nomenclature:

SRW03MGY

SRW : **Series Code**

03 : **Compressor Nominal Capacity:(HP)**

M : **Temperature** M: -5 ~ +5°C , L: -20 ~ -15°C

G : **Compressor** T: Tecumseh, G: Copeland

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

Product Description:

- ★ Copeland, Tecumseh compressor inside;
- ★ Compact housing construction for easy installation;
- ★ High efficient and low noise 6-pole condenser fan motor;
- ★ Condensing fan motor control available for dual-fans unit;
- ★ World famous refrigeration components;
- ★ Multi protection functions are available.









Supcool Refrigeration Equipment Factory

Tecumseh Compressor High Temperature Unit

Model		SRW0.6MTY	SRW01MTY	SRW1.7MTY	SRW02MTY	SRW03MTY
Room Temperature		-5 ~ +5℃				
Refrigerant		R404A / R448A / R449A				
Power Supply		220V/50HZ	220V/50HZ	220V/50HZ	380V/50HZ	380V/50HZ
Compressor	Model	Hermetic Compressor				
	Type	CAJ9480Z	CAJ9510Z	CAJ4519Z	TFH4524Z	TFH4531Z
	Max Current (A)	6.6	8.0	15.4	6.3	8.2
Condenser	Fan Number	1	1	1	1	1
	Air Flow (m^3/h)	1700	1700	1700	3200	3200
	Fan Power (W)	80	80	80	100	100
	Fan Voltage	220V/50HZ				
Cap & Input	Evap -0°C Cap (W)	1874	2310	4070	4830	6143
	Evap -0°C Input (W)	820	980	1850	2090	2610
	Evap -5°C Cap (W)	1553	1924	3340	3890	4990
	Evap -5°C Input (W)	760	910	1720	1920	2385
	Evap -10°C Cap (W)	1266	1572	2700	3050	3970
	Evap -10°C Input (W)	700	840	1590	1740	2150
Pipe	Suction Pipe (inch)	1/2" SAE	5/8" SAE	5/8" SAE	5/8" SAE	7/8" SAE
	Liquid Pipe (inch)	3/8" SAE	3/8" SAE	3/8" SAE	3/8" SAE	3/8" SAE

Remarks: Condensing temp: 45°C .

Tecumseh Compressor Low Temperature Unit

Model		SRW01LTY	SRW1.5LTY	SRW02LTY	SRW03LTY
Room Temperature		-15°C ~ -20 °C			
Refrigerant		R404A / R448A / R449A			
Power Supply		220V/50HZ	220V/50HZ	380/50HZ	380/50HZ
Compressor	Model	Hermetic Compressor			
	Type	CAJ2446Z	CAJ2464Z	TFH2480Z	TFH2511Z
	Max Current (A)	7.9	10.0	4.8	5.0
Condenser	Fan number	1	1	1	1
	Air Flow (m^3/h)	1700	1700	3200	4600
	Fan Power (W)	80	80	100	100
	Fan Voltage	220V/50HZ			
Cap & Input	Evap -20°C Cap (W)	1296	1673	2416	3348
	Evap -20°C Input (W)	950	1250	1837	2312
	Evap -25°C Cap (W)	1005	1300	1865	2518
	Evap -25°C Input (W)	837	1100	1585	1960
	Evap -30°C Cap (W)	755	990	1347	1817
	Evap -30°C Input (W)	723	955	1326	1635
Pipe	Suction Pipe (inch)	1/2" SAE	5/8" SAE	5/8" SAE	5/8" SAE
	Liquid Pipe (inch)	3/8" SAE	3/8" SAE	3/8" SAE	3/8" SAE

Remarks: Cooling capacity at condensing temp 45°C

Copeland ZB Scroll Compressor Unit

Model		SRW02MGY	SRW03MGY	SRW04MGY	SRW05MGY	SRW06MGY	SRW07MGY	SRW08MGY
Room Temperature		-15°C ~ -5 °C						
Refrigerant		R404A / R448A / R449A						
Power Supply		380V/50 HZ						
Compressor	Model	Scroll Compressor						
	Type	ZB15KQE	ZB21KQE	ZB29KQE	ZB38KQE	ZB45KQE	ZB48KQE	ZB58KQE
	Max Current (A)	6.0	8.0	11.0	13.5	16.1	17.0	23.0
Condenser	Fan Number	1	1	2	2	2	2	2
	Air Flow (m^3/h)	3200	4600	6400	9200	9200	10580	10580
	Fan Power (W)	100	160	2×100	2×160	2×160	2×230	2×230
	Fan Voltage	220V/50HZ						
Cap & Input	Evap -0°C Cap (W)	4760	7000	9480	11950	14000	15300	18600
	Evap -0°C Input (W)	1720	2480	3300	4150	4700	5170	6400
	Evap -5°C Cap (W)	3820	5740	7800	9830	11500	12550	15300
	Evap -5°C Input (W)	1760	2500	3300	4200	4730	5210	6360
	Evap -10°C Cap (W)	3080	4680	6360	8000	9380	10200	12400
	Evap -10°C Input (W)	1820	2510	3330	4200	4750	5230	6320
	Evap -15°C Cap (W)	2430	3780	5130	6480	7580	8180	9840
	Evap -15°C Input (W)	1880	2510	3330	4210	4760	5240	6320
	Evap -20°C Cap (W)	1870	3020	4100	5170	6050	6500	7520
	Evap -20°C Input (W)	1930	2520	3340	4210	4770	5240	6360
Pipe	Suction Pipe (inch)	3/4" SAE	3/4" SAE	7/8" SAE	7/8" SAE	7/8" SAE	7/8" ODF	1-1/8" ODF
	Liquid Pipe (inch)	3/8" SAE	3/8" SAE	1/2" SAE	1/2" SAE	1/2" SAE	5/8" ODF	5/8" ODF

Remarks: Cooling capacity at condensing temp 45°C