

# 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°C						
Refrigerant	R404A / R448A / R449A						
Power Supply	220V/50HZ	220V/50HZ	220V/50HZ	380V/50HZ	380V/50HZ		
Compressor	Hermetic Compressor						
	Model	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 (m³/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
		Input (W)	820	980	1850	2090	2610
	Evap -5°C	Cap (W)	1553	1924	3340	3890	4990
		Input (W)	760	910	1720	1920	2385
	Evap -10°C	Cap (W)	1266	1572	2700	3050	3970
		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	380V/50HZ	380V/50HZ		
Compressor	Hermetic Compressor					
	Model	CAJ2446Z	CAJ2464Z	TFH2480Z	TFH2511Z	
	Max Current (A)	7.9	10.0	4.8	5.0	
Condenser	Fan number	1	1	1	1	
	Air Flow (m³/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
		Input (W)	950	1250	1837	2312
	Evap -25°C	Cap (W)	1005	1300	1865	2518
		Input (W)	837	1100	1585	1960
	Evap -30°C	Cap (W)	755	990	1347	1817
		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	Scroll Compressor							
	Model	ZB15KQE	ZB21KQE	ZB29KQE	ZB38KQE	ZB45KQE	ZB48KQE	
	Max Current (A)	6.0	8.0	11.0	13.5	16.1	17.0	
Condenser	Fan Number	1	1	2	2	2	2	
	Air Flow (m³/h)	3200	4600	6400	9200	9200	10580	
	Fan Power (W)	100	160	2×100	2×160	2×160	2×230	
	Fan Voltage	220V/50HZ						
Cap. & Input	Evap -0°C	Cap (W)	4760	7000	9480	11950	14000	15300
		Input (W)	1720	2480	3300	4150	4700	5170
	Evap -5°C	Cap (W)	3820	5740	7800	9830	11500	12550
		Input (W)	1760	2500	3300	4200	4730	5210
	Evap -10°C	Cap (W)	3080	4680	6360	8000	9380	10200
		Input (W)	1820	2510	3330	4200	4750	5230
Evap -15°C	Cap (W)	2430	3780	5130	6480	7580	8180	
	Input (W)	1880	2510	3330	4210	4760	5240	
Evap -20°C	Cap (W)	1870	3020	4100	5170	6050	6500	
	Input (W)	1930	2520	3340	4210	4770	5240	
Pipe	Suction Pipe (inch)	3/4" SAE	3/4" SAE	7/8" SAE	7/8" SAE	7/8" SAE	7/8" ODF	
	Liquid Pipe (inch)	3/8" SAE	3/8" SAE	1/2" SAE	1/2" SAE	1/2" SAE	5/8" ODF	

Remarks: Cooling capacity at condensing temp 45°C