

# SRW series Box type condensing units

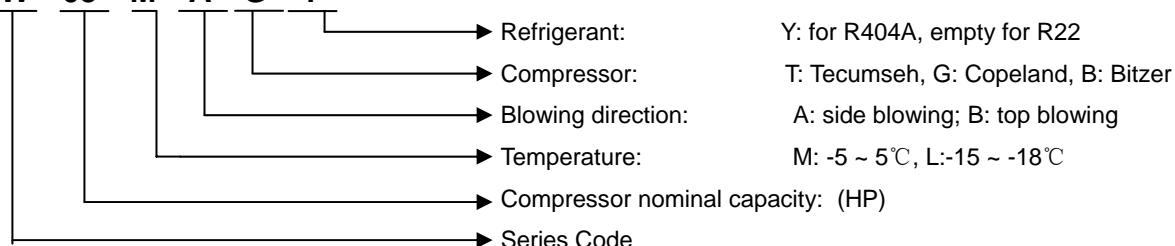


## 1. Product description

- ◆ Bitzer, Copeland, Tecumseh scroll compressor;
- ◆ 6 pole fan motor with low noise at the high speed rotation;
- ◆ World famous brand refrigeration parts;
- ◆ Protection devices for phase sequence, over loading, sub-heating, lack of phase , high & low pressure etc.

## 2. Nomenclature:

**SRW 03 M A G Y**



## 3. Specifications

### 1). Tecumseh compressor series:

Model		SRW0.6MATY	SRW01MATY	SRW1.7MATY	SRW02MATY	SRW03MATY	
Temperature (°C)		-5°C ~ 5 °C					
Refrigerant		R404A					
Power supply		220V/50Hz			380V/50Hz		
Compressor	Type	Hermetic piston type Tecumseh compressor					
	Model	CAJ9480Z	CAJ9510Z	CAJ4519Z	TFH4524Z	TFH4531Z	
	Input(w)	960	1180	2246	2500	3100	
	Max. working current (A)	6.6	8.0	15.4	6.3	8.2	
Condenser	Fan Qty	1	1	1	1	1	
	Air Flow(m³/h)	1700	1700	1700	3200	3200	
	Input(W)	80	80	80	100	100	
	Power supply	220V/50HZ					
Cooling Capacity	Evap 0°C	Capacity(W)	1480	1860	3460	4070	5205
	Evap -5°C	Capacity(W)	1170	1476	2739	3110	4029
	Evap -10°C	Capacity(W)	910	1150	2120	2290	3029
Pipe	Gas 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
Weight (kg)							
The No. of drawing		NO.1	NO.1	NO.1	NO.2	NO.2	

Condensing temp: 54.5°C,

Model		SRW01LATY	SRW1.5LATY	SRW02LATY	SRW03LATY	
Temperature (°C)		-15°C ~ -20°C				
Refrigerant		R404A				
Power supply		220V/50Hz		380V/50Hz		
Compressor	Type	Hermetic piston type Tecumseh compressor				
	Model	CAJ2446Z	CAJ2464Z	TFH2480Z	TFH2511Z	
	Input(w)	886	1170	1680	2100	
	Max. working current (A)	7.9	10.0	4.8	5.0	
Condenser	Fan Qty	1	1	1	1	
	Air Flow(m³/h)	1700	1700	3200	4600	
	Input(W)	80	80	100	160	
	Power supply	220V/50HZ				
Cooling Capacity	Evap -20°C	Capacity(W)	1440	1880	2660	3790
	Evap -25°C	Capacity(W)	1120	1480	1990	2900
	Evap -30°C	Capacity(W)	799	1090	1320	2016
Pipe	Gas 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	
Weight (kg)						
The No. of drawing		NO.1	NO.1	NO.2	NO.2	

Condensing temp: 54.5°C,

## 2) Copeland ZB scroll compressor series:

Model		SRW02MAGY	SRW03MAGY	SRW04MAGY	SRW05MAGY	SRW06MAGY	SRW07MAGY	SRW08MAGY	
Temperature (°C)		-5°C ~ 5°C							
Refrigerant		R404A							
Power Supply		380V/3P/50Hz							
Compressor	Type	Scroll Copeland Compressor							
	Model	ZB15KQE	ZB21KQE	ZB29KQE	ZB38KQE	ZB45KQE	ZB48KQE	ZB58KQE	
	Max. current	6.0	8.0	11.0	12.5	16.1	17.0	23.0	
Condenser	Fan Qty	1	1	2	2	2	2	2	
	Air Flow(m³/h)	3200	4600	6400	9200	9200	10580	10580	
	Input(W)	100	160	100x2	160x2	160x2	230x2	230x2	
	Power supply	220V/50HZ							
Cooling Capacity & Input	Eavp 0°C	Capacity (W)	4350	6550	8910	11200	13100	14390	17100
		Input (W)	1970	2790	3710	4670	5300	5816	7150
	Eavp -5°C	Capacity (W)	3600	5500	7460	9350	10950	12050	14150
		Input (W)	2030	2810	3730	4680	5350	5855	7200
	Eavp -10°C	Capacity (W)	2950	4550	6210	7750	9100	10000	11500
		Input (W)	2100	2820	3750	4680	5350	5882	7250
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	
Weight (kg)									
The No. of drawing		NO.2	NO.2	NO.3	NO.3	NO.3	NO.4	NO.4	

Condensing temp: 50°C.

Model		SRW								
		02LAGY	03LAGY	04LAGY	05LAGY	06LAGY	07LAGY	09LAGY	10LAGY	
Temperature (°C)		-15°C ~ -20°C								
Refrigerant		R404A								
Power Supply		380V/3P/50Hz								
Compressor	Type	Scroll Copeland Compressor								
	Model	ZB15KQE	ZB21KQE	ZB29KQE	ZB38KQE	ZB45KQE	ZB48KQE	ZB66KQE	ZB76KQE	
	Max. working current (A)	6.0	8.0	11.0	12.5	16.1	17.0	24.2	26.9	
Condenser	Fan Qty	1	1	1	2	2	2	2	4	
	Air Flow(m³/h)	3200	3200	4600	6400	9200	9200	10580	1058	
	Input(W)	100	100	160	100x2	160x2	160x2	230x2	230x2	
	Power supply	220V/50HZ								
Cooling Capacity & Input	Evap -15°C	Capacity (W)	2080	3350	4500	5650	6700	8260	10600	12500
		Input (W)	2180	2830	3790	4680	5350	5897	7850	9200
	Evap -20°C	Capacity (W)	1560	2650	3550	4500	5300	6730	8350	10300
		Input (W)	2260	2830	3810	4670	5350	5900	7850	9100
	Evap -25°C	Capacity (W)	1080	2070	2770	3500	4150	5100	6960	8980
		Input (W)	2320	2830	3820	4650	5300	6100	7250	8500
Pipe	Suction Pipe(inch)	3/4 SAE	3/4 SAE	7/8 SAE	7/8 SAE	7/8 SAE	7/8 SAE	1-1/8ODF	1-1/8 ODF	
	Liquid Pipe(inch)	3/8 SAE	3/8 SAE	1/2 SAE	1/2 SAE	1/2 SAE	1/2 SAE	5/8 ODF	5/8 ODF	
Weight (kg)										
The No. of drawing		NO.2	NO.2	NO.2	NO.3	NO.3	NO.3	NO.4	NO.4	

Condensing temp: 50°C.

### 3) Bitzer semi-hermetic compressor

Model		SRW02MABY	SRW03MABY	SRW04MABY	SRW05MABY	SRW06MABY	SRW07MABY	
Temperature (°C)		-5°C ~ 5 °C						
Refrigerant		R404A						
Power supply		380V/50Hz						
Compressor	Type	Semi-hermetic Bitzer Compressor						
	Model	2GC2.2Y	2DC3.2Y	2CC4.2Y	4FC5.2Y	4EC6.2Y	4DC7.2Y	
	Max. working current (A)	4.7	7.8	9.4	10.8	13.2	15.9	
Condenser	Fan Qty	1	2	2	2	2	2	
	Air Flow(m³/h)	3200	6400	9200	9200	10580	10580	
	Input(W)	100	100X2	160X2	160X2	230X2	230X2	
	Power supply	220V/50HZ						
Cooling Capacity	Evap 0°C	Capacity(W)	4710	8250	10130	11730	14390	17550
		Input (W)	2200	3230	3990	4450	5560	6570
	Evap -5°C	Capacity(W)	3890	6610	8140	9400	11550	14110
		Input (W)	2060	2980	3670	4120	5120	6140
	Evap -10°C	Capacity(W)	3180	5200	6430	7390	9110	11150
		Input (W)	1900	32720	3330	3760	4650	5650
Pipe	Gas pipe(inch)	5/8ODF	7/8ODF	7/8ODF	7/8ODF	1-1/8ODF	1-1/8ODF	
	Liquid pipe(inch)	3/8ODF	1/2ODF	1/2ODF	1/2ODF	1/2ODF	1/2ODF	
Weight (kg)								

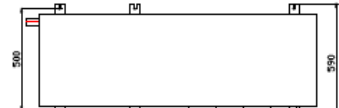
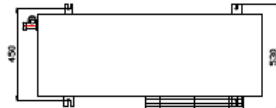
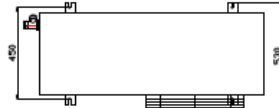
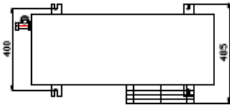
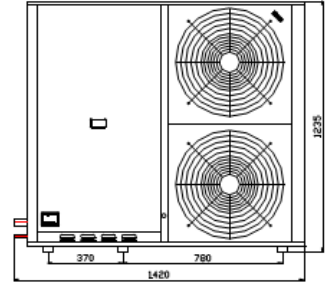
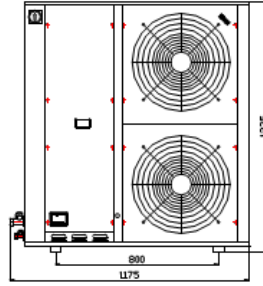
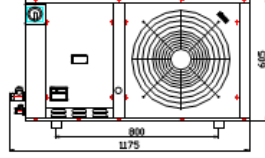
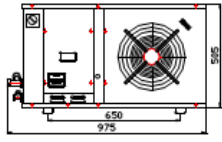
The No. of drawing	NO.2	NO.3	NO.3	NO.3	NO.4	NO.4
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Condensing temp: 50°C.

Model		SRW								
		02LABY	03LABY	04LABY	05LABY	06LABY	08LABY	10LABY	12LABY	
Temperature (°C)		-15°C ~-20°C								
Refrigerant		R404A								
Power Supply		380V/3P/50Hz								
Compressor	Type	Semi-hermetic Bitzer Compressor								
	Model	2DC2.2Y	4FC3.2Y	4EC4.2Y	4DC5.2Y	4CC6.2Y	4TCS8.2Y	4PCS10.2Y	4NCS12.2Y	
	Max. current	6.9	9.2	10.7	13.5	15.9	17.0	21.0	24.0	
Condenser	Fan Qty	1	1	1	2	2	2	2	2	
	Air Flow(m³/h)	3200	4600	4600	6400	9200	9200	10580	10580	
	Input(W)	100	160	160	100x2	160x2	160x2	230x2	230x2	
	Power supply	220V/50HZ								
Cooling Capacity & Input	Eavp -15°C	Capacity (W)	3600	4970	5860	6930	7940	11330	13140	15500
		Input (W)	2590	3590	4010	4670	5670	6870	7880	9200
	Eavp -25°C	Capacity (W)	2780	3860	4430	5260	5780	8550	9930	11600
		Input (W)	2250	3130	3570	4230	5000	6090	6910	8090
	Eavp -30°C	Capacity (W)	2080	2910	3250	3880	--	6260	7250	8460
		Input (W)	1900	2670	3040	3820	--	5250	5890	6940
Pipe	Suction Pipe(inch)	7/8ODF	7/8ODF	1-1/8ODF	1-1/8ODF	1-1/8ODF	1-3/8ODF	1-3/8ODF	1-3/8ODF	
	Liquid Pipe(inch)	3/8ODF	3/8ODF	1/2ODF	1/2ODF	1/2ODF	5/8ODF	5/8ODF	7/8ODF	
Weight (kg)										
The No. of drawing		NO.2	NO.2	NO.2	NO.3	NO.3	NO.4	NO.4	NO.4	

Condensing temp: 50°C.

## 4. Overall dimensions



NO.1

NO.2

NO.3

NO.4