

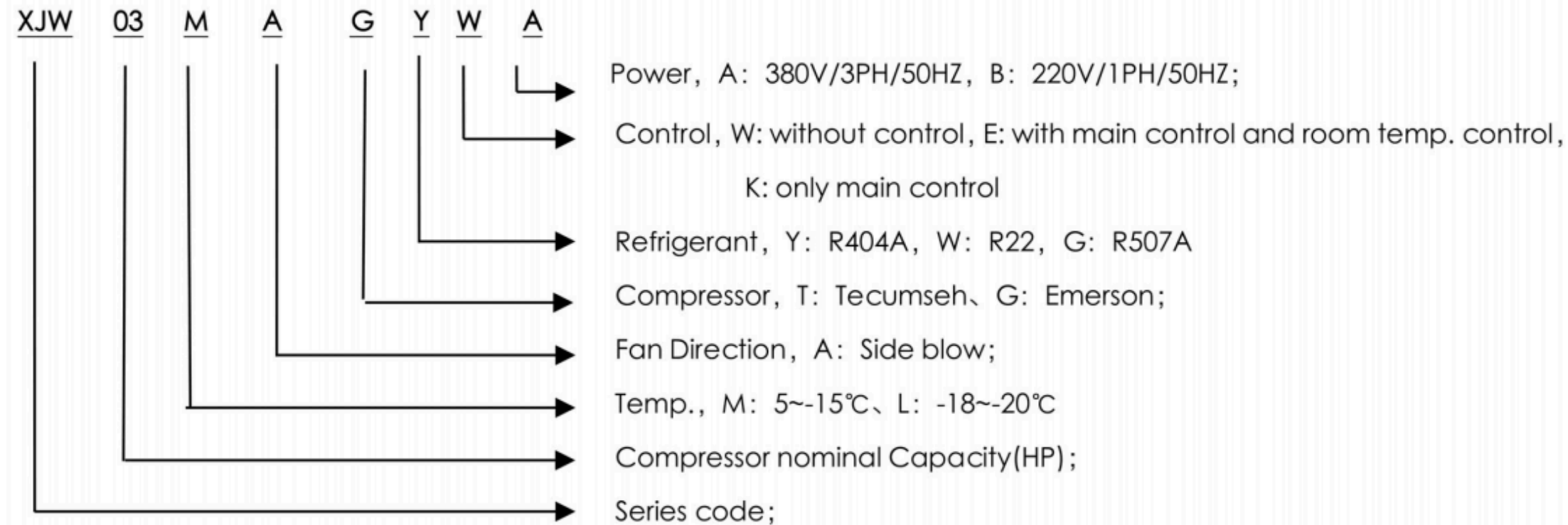
# XJW Series Box Type Condensing Units



## 1、Product description

- ◆ Tecumseh piston compressor and Emerson scroll compressor, which has good reliability;
- ◆ Box-type integral structure, with beautiful appearance, compact structure and convenient installation;
- ◆ The condensing fan adopts 6-pole external rotor motor, which has high efficiency and low noise;
- ◆ The units are equipped with world-famous refrigeration accessories and are fully equipped;

## 2、Model code



## 3. Main components

- ① Compressor ② oil heating belt ③ condenser ④ liquid receiver ⑤ Drier and filter  
⑥ sight glasses ⑦ solenoid valve ⑧ mechanical type high low voltage control  
⑨ H/L pressure gauge ⑩ in/out connection valve ⑪ liquid injection valve  
⑫ mechanical type low voltage control ⑬ discharge temperature protector ⑭ Electrical control

XJW0.6MATY-XJW03 MATY: item①、②、③、④、⑤、⑥、⑦、⑧、⑨、⑩、⑫; optional: ⑭Electrical control

XJW01LATY-XJW03 LATY: item①、②、③、④、⑤、⑥、⑦、⑧、⑨、⑩、⑫; optional: ⑭Electrical control

XJW02MAG-XJW06 MAG: item①、②、③、④、⑤、⑥、⑦、⑧、⑨、⑩、⑫、⑬; optional: ⑭Electrical control

XJW02LAG-XJW06 LAG: item①、②、③、④、⑤、⑥、⑦、⑧、⑨、⑩、⑪、⑫; optional: ⑭Electrical control

Notice: For condensing units with main control and cold room control, please selects evaporator fan motor with 220V power supply.



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## 4、Specifications

### 4.1 Tecumseh compressor series:

Model		XJW0.6MATYWB	XJW01MATYWB	XJW1.7MATYWB	XJW02MATYWA	XJW03MATYWA	
Room temperature		-5~5℃					
Refrigerant		R404A					
Power supply		220V/50HZ			380V/50HZ		
Comp	Model	Piston Hermetic					
	Type	CAJ9480Z	CAJ9510Z	CAJ4519Z	TFH4524Z	TFH4531Z	
	Max current (A)	6.6	8.0	15.4	6.3	8.2	
Con fan	Fan number	1	1	1	1	1	
	Air flow (m <sup>3</sup> /h)	1845	1845	1845	3955	3955	
	Fan power (W)	85	85	85	180	180	
	Fan voltage	220V/50HZ					
Cap. & Input	Te0℃	Cap(W)	1874	2310	4070	4830	6143
		Input (W)	820	980	1850	2090	2610
	Te-5℃	Cap(W)	1553	1924	3340	3890	4990
		Input (W)	760	910	1720	1920	2385
	Te-10℃	Cap(W)	1266	1572	2700	3050	3970
		Input (W)	700	840	1590	1740	2150
Pipe	Gas (inch)	1/2SAE	5/8SAE	5/8SAE	5/8SAE	7/8SAE	
	Liquid (inch)	3/8SAE	3/8SAE	3/8SAE	3/8SAE	3/8SAE	
Overall sizes (L×W×H)mm		985×450×540	985×450×540	985×450×540	1185×500×640	1185×500×640	
Install sizes(A×B)(mm)		650×400	650×400	650×400	800×450	800×450	

Model		XJW01LATYWB	XJW1.5LATYWB	XJW02LATYWA	XJW03LATYWA	
Room temperature		-15°C ~-20 °C				
Refrigerant		R404A				
Power supply		220V/50HZ		380/50HZ		
Comp	Model	Piston Hermetic				
	Type	CAJ2446Z	CAJ2464Z	TFH2480Z	TFH2511Z	
	Max current (A)	7.9	10.0	4.8	5.0	
Con fan	Fan number	1	1	1	1	
	Air flow (m3/h)	1845	1845	3955	3955	
	Fan power (W)	85	85	180	180	
	Fan voltage	220V/50HZ				
Cap. & Input	Te -20°C	Cap(W)	1296	1673	2416	3348
		Input (W)	950	1250	1837	2312
	Te-25°C	Cap(W)	1005	1300	1865	2518
		Input (W)	837	1100	1585	1960
	Te-30°C	Cap(W)	755	990	1347	1817
		Input (W)	723	955	1326	1635
Pipe	Gas (inch)	1/2SAE	5/8SAE	5/8SAE	5/8SAE	
	Liquid (inch)	3/8SAE	3/8SAE	3/8SAE	3/8SAE	
Overall sizes (L × W × H)mm		985 × 450 × 540	985 × 450 × 540	1185 × 500 × 640	1185 × 500 × 640	
Install sizes(A × B) (mm)		650 × 400	650 × 400	800 × 450	800 × 450	

Remarks:1) Standard Condensing Temp 45C; Inspiratory Overheating 10C

## 4.2 Emerson compressor ZB series

Model		XJW02 MAGGWA	XJW03 MAGGWA	XJW04 MAGGWA	XJW05 MAGGWA	XJW06 MAGGWA	
Room temperature		-10°C ~5 °C					
Refrigerant		R507A					
Power supply		380V/3PH/50 HZ					
Comp	Model	Scroll Compressor					
	Type	ZB15KQE	ZB21KNE	ZB29KQE	ZB38KQE	ZB45KQE	
	Max current (A)	6.0	8.0	11.0	13.5	16.1	
Con fan	Fan number	1	1	2	2	2	
	Air flow (m3/h)	3955	3955	3955×2	3955×2	3955×2	
	Fan power (W)	180	180	180×2	180×2	180×2	
	Fan voltage	220V/50HZ					
Cap. & Input	Te 0°C	Cap(W)	4670	7610	9480	11950	14000
		Input (W)	1720	2580	3290	4150	4700
	Te-5°C	Cap(W)	3820	6370	7790	9830	11500
		Input (W)	1760	2550	3310	4180	4730
	Te-10°C	Cap(W)	3080	5300	6360	8020	9380
		Input (W)	1820	2500	3330	4200	4750
	Te-15°C	Cap(W)	2430	4370	5130	6480	7580
		Input (W)	1880	2440	3330	4210	4760
	Te-20°C	Cap(W)	1870	3570	4100	5170	6050
		Input (W)	1930	2370	3340	4210	4770
	Pipe	Gas (inch)	3/4SAE	3/4SAE	7/8SAE	7/8SAE	7/8SAE
		Liquid (inch)	3/8SAE	3/8SAE	1/2SAE	1/2SAE	1/2SAE
Overall sizes (L×W×H)mm		1185×500×640	1185×500×640	1185×500×1240	1185×500×1240	1185×500×1240	
Install sizes(A×B)(mm)		800×450	800×450	800×450	800×450	800×450	



5、Diagrams for Overall sizes:

