

# 24V Compressor Specification

## Model: XB075Z-24

### Test Condition

Power Supply	DC 24V
Condensing Temp	54.4°C
Evaporating Temp	7.2°C
Suction Temp	35°C
Subcooling Temp	46.1°C
Ambient Temp	35°C

### Range Of Application

Ambient Temp Range	15~43°C
Evaporating Temp Range	-15~15°C
Condensing Temp Range	35~60°C
Refrigerant Filling. (Max)	1200g

### Other Characteristics-1

Item	Unit	Criterion	Remarks
Leakage Testing Pressure	MPa	2.2	
Destroy Pressure	MPa	10.5	
Cold Insulation Resistance	MΩ	≥30	
Cold Electric Intensity		1500V 1 min or 1800V 1 sec	
Residual Moisture	mg	≤300	
Residual Impurity	mg	≤100	

**Other Characteristics-2**

Motor Type	DC Brushless Motor
Pole	2
Insulation Class	B
Winding Resistance (20°C)	UV=VW=WU=0.22Ω
Speed Range	2200rpm~4300rpm
Voltage Range	DC 24V
Oil Model	RB68EP
Refrigerant	R134A
Rated Voltage	24V
Rated Speed	3300 rpm
Rated Current	11A
Max Current	14A
Displacement	7.5cc
Weight	7.8Kg

**Performance Parameter**

Time	Unit	Target Value	Remark
Cooling Capacity	W	850	±2.5%
Input Power	W	340	±2.5%
Current	A	11	≤105%
Noise	dB (A)	≤58	Sound Pressure Level
Vibration	m/s <sup>2</sup>	≤ 20	Tangential vibration acceleration

### Compressor Accessory Parts List

Product Name	Quantity
Compressor	1
Cover	1
Rubber	3
Nut	3
Drive Board	1
Controller	1

### Compressor External Drawing

Unit: mm

