

# JLD-X/F-T Technical Information

## Air Conditioner for Electric Bus



Model:		JLD-X/F-T
Cooling Capacity	Standard	14~30kW (Variable frequency adjustable)
Heat pump Heating Capacity		12-22 kW (Variable frequency adjustable)
PTC Heating Capacity		10 kW
Compressor		PANASONIC
Air Flow Volume(Zero Pressure)	Condenser (Fan Quantity)	6000 m3/h (3)
	Evaporator (Blower Quantity)	3600 m3 /h (4)
	Fresh air	1080 m3 /h
Roof Unit	Dimension	2500x1870x240 (mm)
	Weight	210 kg
Cooling Power Consumption		6 kW
Refrigerant	Type	R407C



Expansion Valve



Compressor



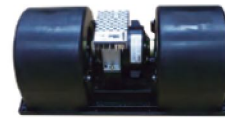
Condenser Fan



Control Panel



Air Return Grille



Evaporator Blower

## 1. Evaporator Blower and Condenser Fan

Famous brand, the key components (like bearing and carbon brush) adopt famous brands, high air volume, low noise, high efficiency.

## 2. Evaporator and Condenser Core

SONGZ brand, adopt small diameter ( $\varnothing 7\text{mm}$ ) and inner grooved copper tube, comparing to  $\varnothing 9\text{mm}$  copper tube, the coefficient of heat transfer is improved by 5%, condensing temperature declines  $2\sim 3^{\circ}\text{C}$ , system COP rises 5~8%, refrigerant filling declines 10%.

## 3. Expansion Valve

Famous brand, high reliability, high adjustment accuracy and excellent performance.

## 4. Compressor

PANASONIC brand, hermetically sealed electric compressor, high efficiency, steady quality.

## 5. Control Panel

Digital display, intelligent temperature control, waterproof design and fault indication.

## 6. Air Return Grille

Adopt aluminum alloy, strong and durable, elegant appearance, various colors for selection.

## 7. Framework and Shell

The framework and shell adopt high strength fiber glass. The roof unit has compact structure, elegant appearance, streamline design, small wind resistance.