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## DX AIR CONDITIONERS

### RATING: 100 kW (NOMINAL)

The Energy Power Systems Australia range of air conditioners are designed for reverse cycle operation allowing for a broad range of applications from cooling, heating, dehumidification and filtering of the air to ensure an ideal climate for humans, equipment or product storage.

All units are designed to be located outside and above ground. The units are completely assembled with all interconnecting refrigerant piping and wiring, ready for installation.

The air conditioning units are best used at high temperatures, as the nature of control is such that at low temperatures commute of compressor unloading stages is hard to avoid. In this instance we would recommend the use of a fluid chiller, fluid pumps in combination with air handlers to achieve the desired results.

#### KEY DATA

THIS IS SUMMARY DATA INFORMATION ONLY AND IS NOT FULL SPECIFICATION, SOME EQUIPMENT MAY VARY.

#### STACKABLE FRAME REVERSE CYCLE PACKAGE

Cooling Capacity	96 kW at 5.3 m <sup>3</sup> /sec, 35°C Ambient Temperature
Heating Capacity	74 kW at 5.3 m <sup>3</sup> /sec, 4°C Ambient Temperature
Absorbed Power	27.56 kW
Temperature Range	- 4°C to + 46°C
Maximum Ambient Temperature	> 50°C
Transport Frame Dimensions	
Length	3,300 mm (with lifting lugs 3,560 mm)
Width	2,400 mm (with lifting lugs 2,660 mm)
Height	2,450 mm
Weight	2,280 kg (Nominal)

#### FEATURES

- VSD Control to Evaporator Fan
- Hi Static Backward Curve Fan
- 2 Stage Condenser Fans
- Hot Gas Injection
- 24 Volt Control Circuit
- Emergency Stop Button
- Stainless Steel Condensate Tray
- Internal P Traps
- Condenser Coil Protection

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