

eXTra slim
eXTra quiet

eXTra wide body

eXTra efficient

XT



Coachair **XT**

Rooftop Air Conditioner



Features

The XT is a Wide Body Air Conditioning unit allowing conditioned air to enter directly into the Bus or Coach air duct system thus eliminating the need for transition ducts. Coachair, one of the largest suppliers of air conditioners to the bus and coach industry has designed the "X Series" to suit the world's toughest operating conditions while combining the highest cooling capacity with whisper quiet operation and load matching capabilities for maximum efficiency and minimum power consumption.

Specifications

Max Cooling Capacity	37kW Max @ Free blow supply air.
Nominal Cooling Capacity	32kW @ 35°C outside and 27°CDB/19°CWB inside.
Heating Capacity	35kW
Airflow High (free flow)	5,500 m ³ /hr
Airflow Low (free flow)	4,000 m ³ /hr
Refrigerant	R134a
Power Supply	24V nominal
Current Draw High Speed	67A @ 27V
Current Draw Low Speed	50A @ 27V
Unit Weight (cool only)	238 kg approx.
Dimensions (mm)	3,800mm long 1,920mm wide 235mm high (Side to Center) 155mm high (Sides)

Capacity - XT is suited to large buses & coaches with up to 61 passengers. XT is available in heat/cool or cooling only models.

Case - Fully molded, lightweight, double-wall fiberglass giving high strength and durability. Slim-line, wide body to accommodate the profile of the bus/coach. A fresh air intake is incorporated.

Evaporator Blowers - Two double shaft heavy duty motors directly coupled to forward curved blowers for high capacity and whisper quiet operation. Available in Brushed (std) or Brushless (optional) configuration.

Condenser Motors - Two single shaft high durability motors (std), coupled to heavy duty metal blade fans.

Condenser and Evaporator - All heat exchanger coils feature rippled aluminium super efficient fin pattern on a heavy wall rifled copper tube.

Compressor - XT is compatible with compressors from all leading Manufacturers in the World.

Safety features - Coachair air conditioners incorporate high and low pressure safety cutout switches and high pressure relief valve.

Servicing - Simple uncluttered layout allowing easy access to all electrical and refrigeration components. Increased access to service parts from inside the bus or coach.

Electrical Control - Software driven P.I.D climate controls with digital dash temperature display, solid state switching on electric motors for longer brush life.

Covers - All covers are light weight and can be hinged with service support arms as standard.

Accessories - The XT comes with a list of standard accessories to suit all bus manufactures and chassis builders to ensure simple installation and reliable long term operation.

