

Diesel range

Traditional Diesel range

Ahead of the pack...

Coachair's CA diesel range is the lightest and most powerful in the Australian market. The Australian-owned and designed CA units use R134a, the most fuel-efficient HVAC refrigerant. Features include high-capacity, lightweight, parallel flow refrigeration coils and our tried and tested CCC009 climate control system. With Coachair's CA range, your bus and coach fleet will be ahead of the pack.







CA Series

Coachair's CA series was designed in Australia for the tough Australian conditions.

Whether your business operations involve stop / start or long distance usage, we offer superior air conditioning solutions.

European EBM brushless fan motors, high-capacity, lightweight parallel refrigeration coil.

Coachair helps our customers meet their local content requirements on new builds and ongoing maintenance.



Economical purchase and running costs



Excellent fuel economy



High airflow



Fits all bus types, low floor, school bus, & coach



Combines leading technology with Coachair's renowned reliability



CA34

Capacity

CA34 is suited to large buses and coaches with up to 61 passengers. CA34 is available in heat/cool or cooling only models.

Case

The CA features a fully molded, lightweight, double-wall case made from fiberglass providing high strength and durability. It features a slim line with a wide body to accommodate the profile of the bus/coach. A fresh air intake is also incorporated.

Evaporator Blowers

Six variable speed, brushless EBM, double shaft heavy duty motors. The motors are forward curved blowers for high capacity and quiet operation.

Condenser Motors

Four single shaft high durability EBM, brushless fans. Operating on three speeds to maximize performance in all ambient temperatures.

Condenser and Evaporator Coils

Condenser coils use patented micro-channel heat ex-changer technology and a precise design to sufficiently improve the heat exchanging efficiency and reduce the weight. Copper tube evaporator coils use the latest in small bore technology.

Compressor

CA is compatible with compressors from all leading manufacturers in the world. Including Bitzer F600Y, 4NFCY, 6PFCY, Bock FKX40, FKX50.

Safety features

Coachair air conditioners incorporate high and low pressure safety cut out switches, and a full fault finding diagnostic control system.

Servicing

Simple uncluttered layout allowing easy access to all electrical and refrigeration components.

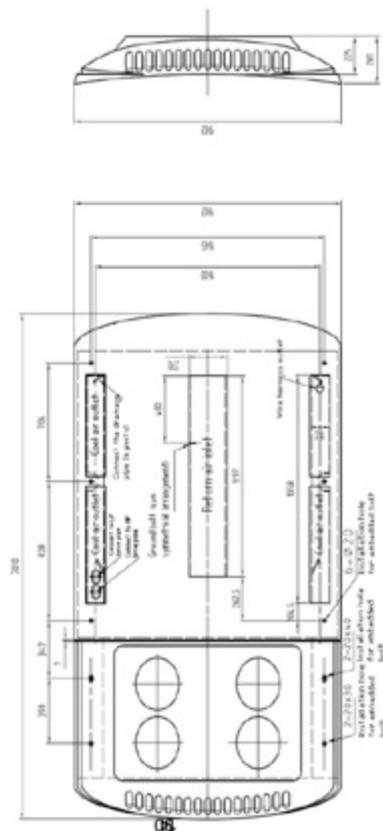
Electrical Control

Software driven P.I.D climate controls with digital dash temperature display. The CA unit incorporates solid state switching on electric motors for longer brush life.

Covers

All covers are removable.

Model	CA34
Cooling Capacity	36kw
Heating Capacity	38kw
Airflow High (free blow)	6,600m ³ /hr
Refrigerant	R134a
Power Supply	24V
Current Draw High Speed	85A @ 27V
Unit Weight	190kg approx.
Dimensions (mm)	3010mm long 1900mm wide 225mm high (centre)





CA40

Capacity

CA40 is suited to large buses and coaches with up to 80+ passengers. CA40 is available in heat/cool or cooling only models.

Case

The CA features a fully molded, lightweight, double-wall case made from fiberglass providing high strength and durability. It features a slim line with a wide body to accommodate the profile of the bus/coach. A fresh air intake is also incorporated.

Evaporator Blowers

Six variable speed, brushless EBM, double shaft heavy duty motors. The motors are forward curved blowers for high capacity and quiet operation.

Condenser Motors

Five single shaft high durability EBM brushless fans. Operating on three speeds to maximize performance in all ambient temperatures.

Condenser and Evaporator Coils

Condenser coils use patented micro-channel heat ex-changer technology and a precise design to sufficiently improve the heat exchanging efficiency and reduce the weight. Copper tube evaporator coils use the latest in small bore technology.

Compressor

CA is compatible with compressors from all leading manufacturers in the world. Including Bitzer F600Y, 4NFCY, 6PFCY, Bock FXK40, FXK50.

Safety features

Coachair air conditioners incorporate high and low pressure safety cut out switches, and a full fault finding diagnostic control system.

Servicing

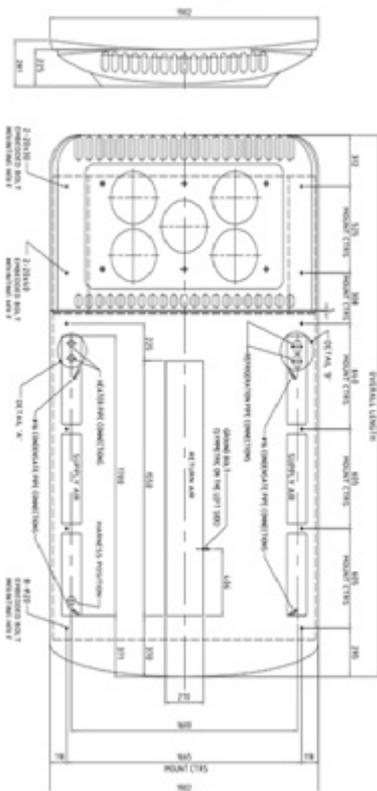
Simple uncluttered layout allowing easy access to all electrical and refrigeration components.

Electrical Control

Software driven P.I.D climate controls with digital dash temperature display. The CA unit incorporates solid state switching on electric motors for longer brush life.

Covers

All covers are removable.



Model	CA40
Cooling Capacity	40kw
Heating Capacity	40kw
Airflow High (free blow)	8,000m ³ /hr
Refrigerant	R134a
Power Supply	24V
Current Draw High Speed	95A @ 27V
Unit Weight	230kg approx.
Dimensions (mm)	3300mm long 1900mm wide 215mm high (centre)

Coachair's CA range of HVAC units uses the latest manufacturing and component technology to claim the lightest and most powerful HVAC unit on the Australian market.

The whole range incorporates only R134a refrigerant which is proven to be the most fuel efficient HVAC refrigerant on the market.

XT44 Series



R134A refrigerant



Lightest capacity to weight ratio



EBM European long life brushless motors



Coachair CCC009 climate control system



Sleek design



Highest capacity on the market



Superior performance



Technological innovation



Thoughtful design for convenient maintenance



Lightweight engineering materials



XT44

Technological innovation creates superior performance

The application of metal and lightweight engineering materials, combined with technological advances, has delivered a HVAC unit with the greatest capacity on the Australian market.

Increased fan efficiency, reduced weight and return wind speed, and a reduction in return air inlet noise are just some of the advantages offered by the XT44.

The thoughtful design offers convenient maintenance, with most work able to be conducted through the simple unfolding of the side cover.

Model	XT44
Cooling Capacity	44kw
Heating Capacity	37kw
Evaporator Airflow (6 pcs blower)	7,000m3/hr
Condenser Airflow (5 pcs fan)	9500m3/hr
Refrigerant	R134a
Power Supply	24V
Current Draw High Speed	95 AMPS 24VOLT
Unit weight	180kg approx..
Dimensions	3360mm long 1720mm wide 220mm high (centre)

XT44 advantage



Lighter



Cooling



Heating



Fresh Air



63dB



Environment



EasyRepair



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