



Roof Mount Unit **Eco 136**

Parallel roof mount Air-conditioning and ventilation systems

The Eco 136 product family offers very adaptable and flexible heating, ventilation and air conditioning solutions for ideal passenger comfort in city buses, intercity buses and coaches.

Within this powerful model range, cooling capacities from 24kW/81900 Btu to 44kW/150000 Btu are available.

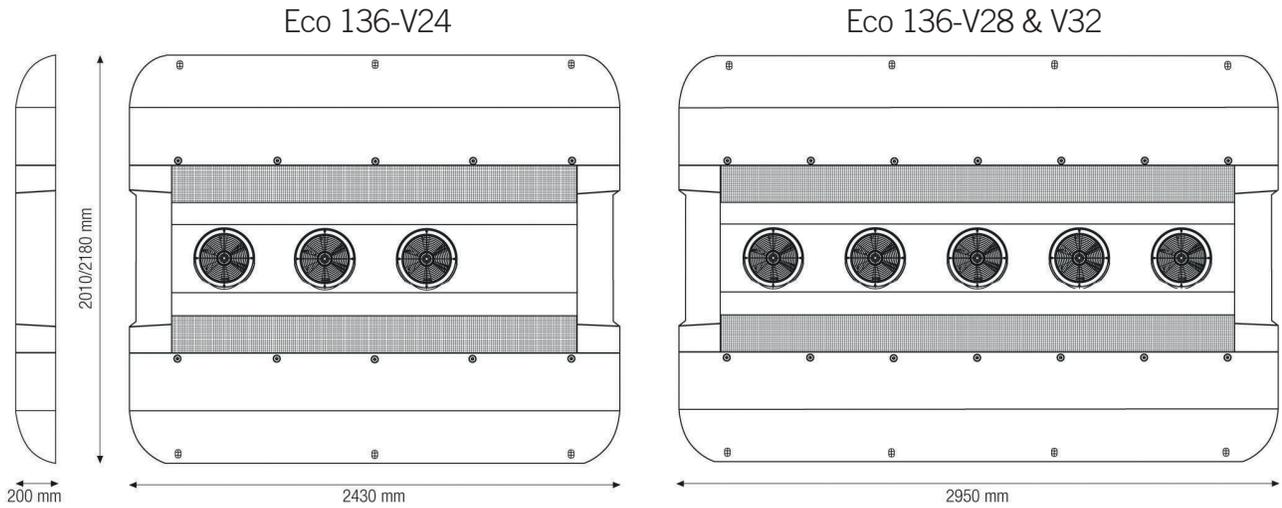
Thanks to its very compact dimensions and extremely light-weight construction, the Eco 136 fits on any large bus roof, regardless of model configuration.

Outstanding energy conservation performance is another key benefit of this product family, delivering air conditioning capacity while consuming less current.



Features

- Service friendly due to easy access to maintenance parts
- Compact design frees up roof space for hybrid and CNG Bus applications
- Brushless blower technology available as option
- Variety of other options available upon customer request
- Advanced coil and airflow technology offers 15% performance improvement over competitive systems
- Proven track record for performance, installation and reliability



Technical Data

	ECO 136 - V24	ECO 136 - V28	ECO 136 - V32
Cooling capacity @ max ^[1]	109000 Btu/hr (32 kW)	133000 Btu/hr (39 kW)	150000 Btu/hr (44 kW)
Cooling capacity @ ARI ^[2]	82000 Btu/hr (24 kW)	96000 Btu/hr (28 kW)	109000 Btu/hr (32 kW)
Heating @ 7 gpm (100F Δ T)	130000 Btu/hr (38 kW)	130000 Btu/hr (38 kW)	130000 Btu/hr (38 kW)
Length	96" (2430 mm)	116" (2950 mm)	116" (2950 mm)
Width	79-86" (2010-2180 mm)	79-86" (2010-2180 mm)	79-86" (2010-2180 mm)
Height	8" (200 mm)	8" (200 mm)	8" (200 mm)
Weight	352 lbs (160 kg)	455 lbs (207 kg)	470 lbs (214 kg)
Evaporator air capacity	3900 CFM (6600 m ³ /hr)	3900 CFM (6600 m ³ /hr)	5200 CFM (8800 m ³ /hr)
Total power input	73 A	97 A	114 A
Refrigerant	R134a	R134a	R134a

[1] Max conditions 95°F (35°C)/104°F (40°C)/50% RH
 [2] ARI conditions: 95°F (35°C) / 80°F (27°C) / 50% RH

