



Roof Mount HVAC **Eco 136**

Parallel roof mount HVAC system

The Eco 136 product line offers very adaptable and flexible HVAC solutions for ideal passenger comfort in city buses, intercity buses and coaches. Within this powerful model range, cooling capacities from 24 to 44 kW (81900 to 150000 Btu/hr) are available. The Eco 136 has very compact

dimension and is lightweight allowing it to fit on an any large bus roof regardless of the model configuration. Outstanding energy conservation performance is another key benefit of this product line, delivering needed air conditioning capacity while consuming less energy and reducing bus operating cost.

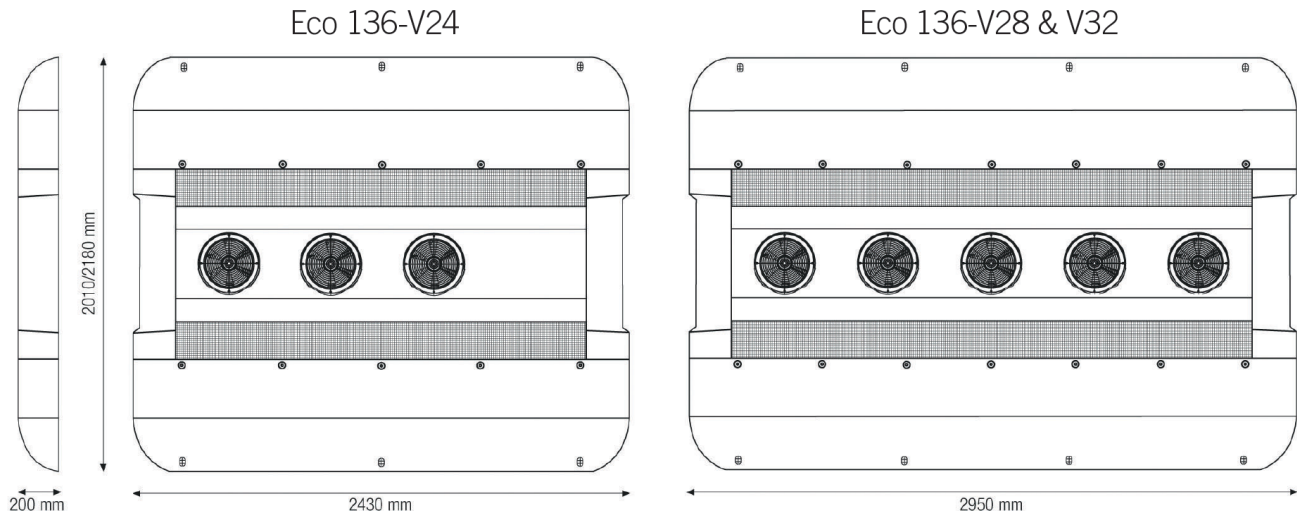


Features

- Long life brushless fan motors
- Reliable CAN enabled microprocessor-based controls
- Heavy duty heat exchanger coils
- Easy access to internal parts and components
- Zero ozone depleting, high efficiency HFC R134a
- Advanced coil and airflow technology
- Increased heating and cooling capacity
- Compact design minimizing installation area
- EcoTemp MAX Controller

Benefits

- Provides up 40,000 hours life cycle along with high efficiency to minimize electrical power
- Communicates with vehicle electronics for optimized control and operation
- Long life durable to meet environmental conditions
- Saves time for seasonal maintenance or other service
- Friendly to the environment
- Provides 15% efficiency benefit versus competitors saving energy and operating cost
- Provides better comfort for all weather conditions
- Space saved can allow installation on hybrid and CNG buses
- Latest electronic design for optimized control
- OLED display provides outstanding display no matter from what angle or lighting conditions



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

