



Alpine 24

Inline economical roof mount HVAC unit

The Alpine is an economical inline compact roof mount air-conditioning system that has been developed to meet the varied demands for the global bus and coach markets. The system uses Microchannel Heat Exchanger (MCHX) coil technology, for performance improvements.

Multiple motor options also allows for greater choice to suit the application, from standard brush type motors, to brushless motors, or a mix of both. For maximum passenger and driver comfort, the Alpine can be coupled with MCC's state-of-the-art driver operator control system.



Features

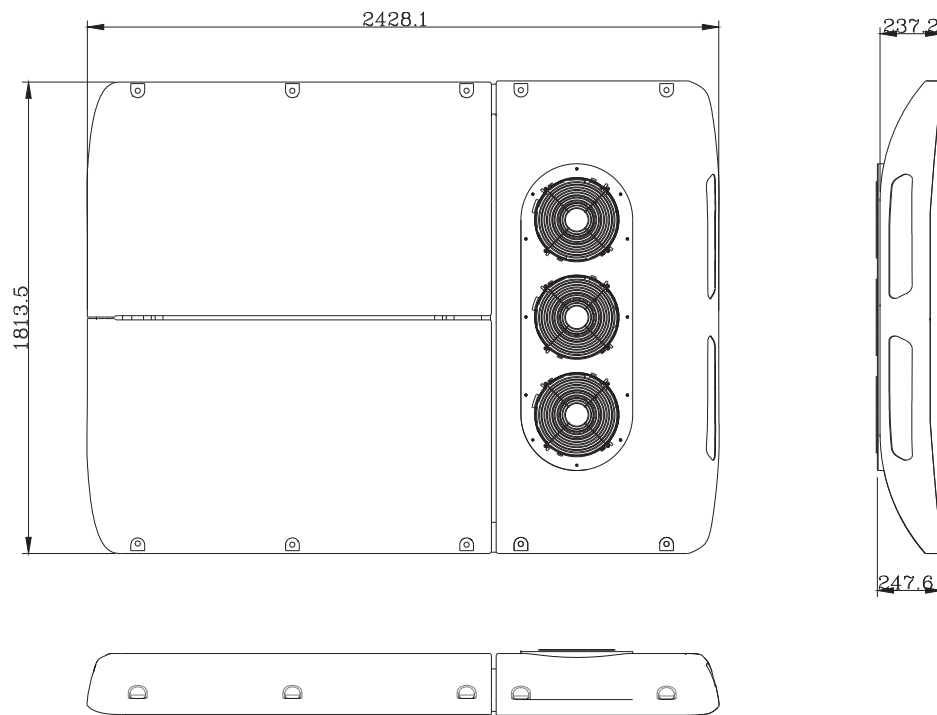
- Motor options brushed and brushless
- Micro channel MCHX condenser coils
- R134a refrigerant with optimal system design
- Centre return air access
- EcoTemp Lite controller
- Multiplex CAN compatible
- Easy access covers for service
- Compressor options

Benefits

- Reduced noise, less power, greater reliability
- Improved performance and lower weight
- Less refrigerant, lower cost
- Ease of access for maintenance and servicing
- Simplified for easy operation
- Integrates into vehicle control system
- Access to motors and coils from side of vehicle
- Customer choice of compressor

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MCC Roof Mount Units



Technical Data

Cooling capacity @ max ^[1]	102364 Btu/hr (30kw)
Cooling capacity @ ARI ^[2]	82000 Btu/hr (24 kW)
Heating @ 7 gpm (100F Δ T)	102000 Btu/hr (30 kW)
Length	96.46" (2,450 mm)
Width	71.26" (1,810 mm)
Height	7.48" (190 mm)
Weight	308 lbs (140 kg)
Refrigerant	R134a
Airflow (Max)	2,350 CFM (4,000 m3/h) free-blow
Current	75 A at 28 V - 140 A at 12 V

[1] Max conditions 95°F (35°C)/104°F (40°C)/50% RH

[2] ARI: 95°F (35°C) / 80°F (27°C) / 50% RH

