



Alpine 24

Optimized economical roof mount HVAC system

The Alpine 24 is a low cost inline compact rooftop air-conditioning system that has been developed to meet the varied demands for the global bus and coach market. The system uses micro-channel 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 24 can be coupled with MCC's state-of-the-art driver operator control system.

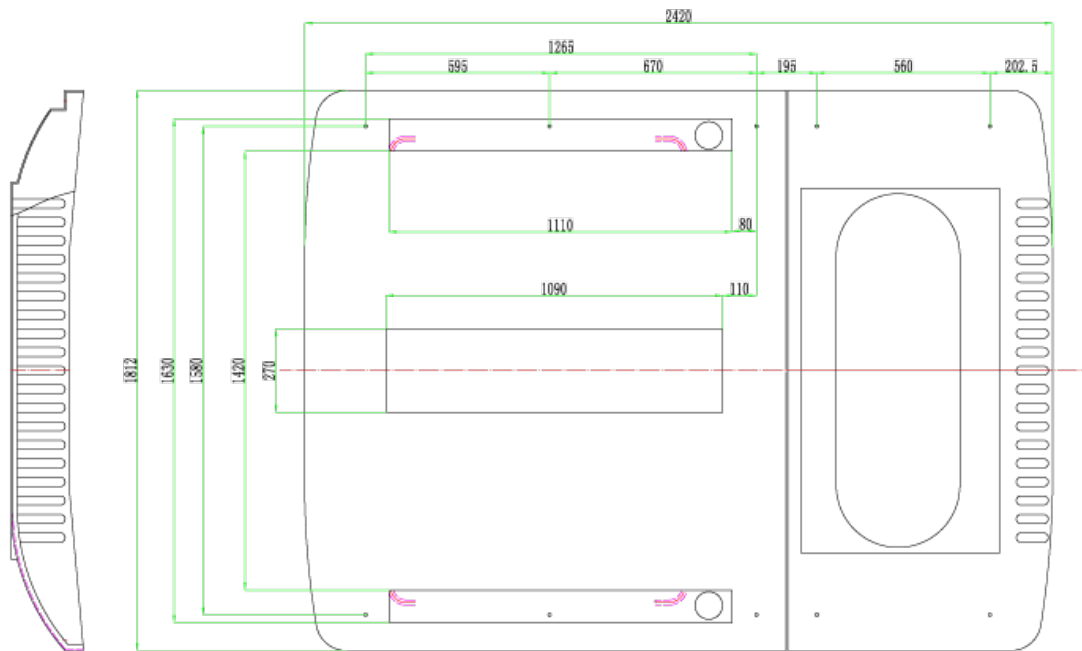


Features

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

Benefits

- Low cost
- Less refrigerant
- 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 compressors



Technical Data

Cooling capacity	82,000 Btu/hr (24 kW) ARI ^[1]
Heating capacity	102,000 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 m ³ /h) free-blow
Current	75 A at 28 V - 140 A at 12 V

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

