Electric Rear Mount Air Conditioning **Eco RMe**

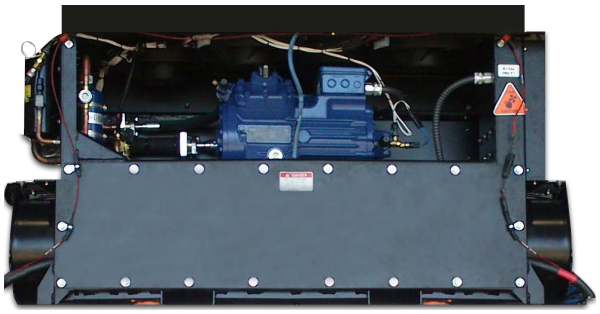
A product of forward thinking design

Mobile Climate Control Eco RMe rear mount Series HVAC system delivers significantly higher operating capacity and efficiency, considerably less maintenance, measurably longer system life and reduced engine loads and fuel consumption.

Mobile Climate Control AC rear mount Electric Series HVAC system meets or exceeds all industry recognized specifications in both the cooling and heating modes.

All this with using non-Ozone depleting standard HFC R134a.

Proven under the most demanding conditions and backed by a nationwide aftermarket service network second to none, Mobile Climate Control Eco RMe systems offer the lowest life cycle cost in the industry.

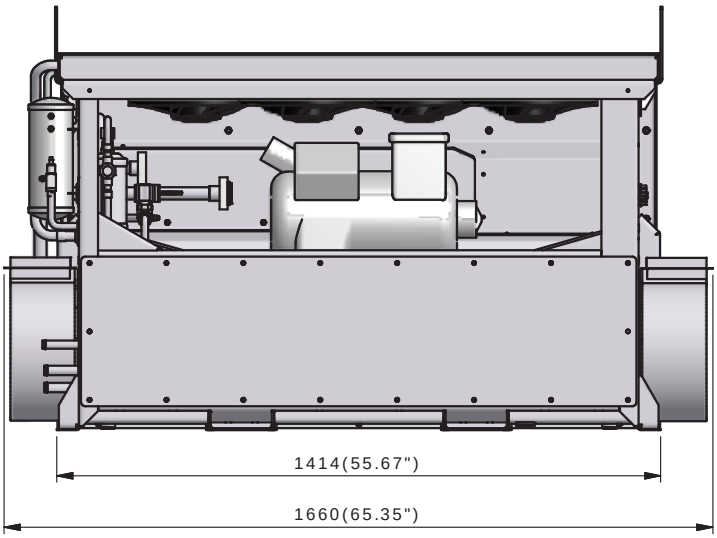


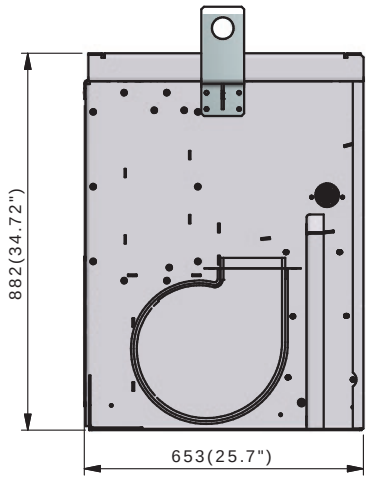
Features

- Variable speed semi-hermetic compressor for optimum efficiency
- One piece construction for simplified installation
- Self contained, fully sealed, factory charged and tested
- No hoses, belts or clutches to maintain
- Heavy duty brushless fan motors, lower life-cycle cost
- Reliable CAN enabled microprocessor-based controls
- Heavy duty coils, longer service life
- Full accessibility, full serviceability
- Two year parts and labor warranty
- Electrostatic powder coating system for corrosion protection
- Designed to meet all OEM bus requirements
- Application proven Bock semi hermetic compressor
- ZERO ozone depleting, high efficiency HFC R134a
- Aluminum micro-channel condenser – reduces weight, refrigerant charge, improves performance in high ambients
- Aluminum fin/copper tube evaporator and heater coils for long life
- Three speed condenser fan motors (brushless)
- Two-speed evaporator fan motors (brushless)
- Rugged, Lightweight and durable aluminum frame

Eco RMe

MCC Rear Mount





Unmatched Life Cycle Cost Advantages

- Best In Class efficiency saves fuel. Proven variable speed compression technology optimizes capacity control and power consumption and maximizes efficiency over the life of the system
- Best In Class performance at idle saves fuel. Improved temperature pull-down at idle lowers time to pre-cool bus interior compared to conventional systems at high-idle
- Refrigerant savings. Sealed system means no leaking hoses, seals, or fittings
- Lower Maintenance, parts, and disposal costs. Sealed system means no periodic maintenance required (driers, oil, clutches, etc.)

Technical Data

Cooling capacity (max)	92000 Btu/hr (27 kW) ARI[1]
Cooling capacity (rated)	85000 Btu/hr (25 kW) ARI[1]
Heating	119000 Btu/hr (35 kW) assumes coolant flow rate at 5.3 GPM (1200 l/h) and 150F (83°) TD
Refrigerant	R134a
Air flow rate	High 2250 CFM (3800 m^3/h) Low 1550 CFM (2600 m^3/h)
Voltage	400 V / 3-ph / 50 Hz (480 V / 3-ph / 60 Hz) – nominal – other voltages are available
Dimensions (W x D x H)	65.35" (1660 mm) x 25.7" (653 mm) x 34.72" (882 mm)
Weight	625 lbs (283 kg)

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

Mobile Climate Control