



## Eco Xcel e

# Inline roof mount HVAC system

MCC Eco Xcel Electric roof mount HVAC system delivers significantly higher operating capacity, efficiency, considerably less maintenance, measurably longer system life and reduced engine loads and fuel consumption. MCC's roof 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. MCC Eco Xcel Electric HVAC system offers the lowest life cycle cost in the industry.

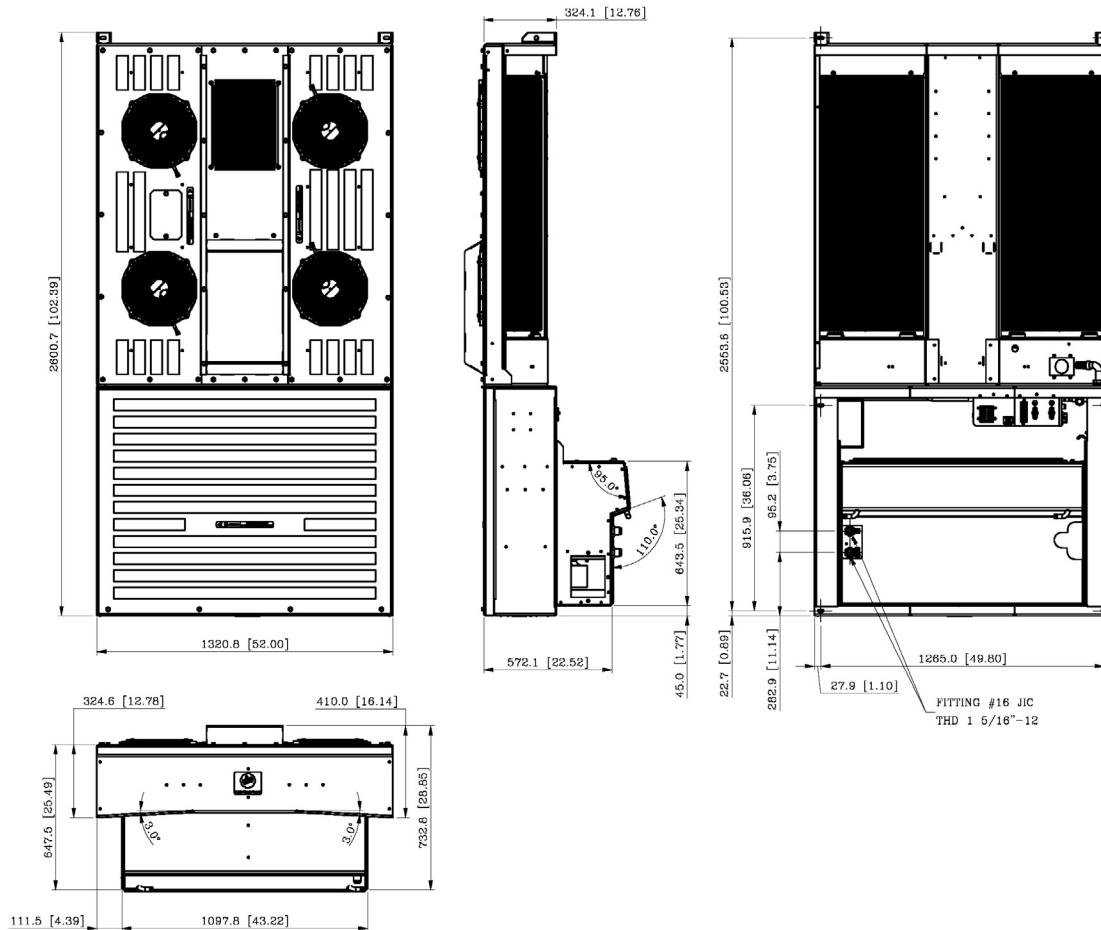


### Features

- Application-proven Bock variable speed semi-hermetic compressor
- One piece construction for simplified installation
- Self contained, fully sealed, factory charged and tested
- No hoses, belts or clutches to maintain
- Reliable CAN enabled microprocessor-based controls
- ZERO ozone depleting, high efficiency HFC R134a
- Heavy duty aluminum micro-channel condenser
- Four-speed condenser fan motors (brushless)
- Three-speed evaporator fan motors (brushless)

### Benefits

- Wide range of capacity control with optimum range efficiency
- Low production line assembly cost
- Higher reliability and lower down-time
- Versability in connection and reporting
- Lower fuel consumption and environmental impact
- Reducing weight and refrigerant charge, higher performance in high ambients and lower current draw
- Lower fuel consumption and environmental impact
- Better control over comfort and noise



## Technical Data

Cooling capacity (ARI) <sup>[1]</sup>	85000 Btu/hr (25 kW)
Heating capacity <sup>[2]</sup>	126000 Btu/hr (37 kW)
Air flow	2400 CFM (4100 m³/h)
Refrigerant	R134a
Voltage	400 V / 3-ph / 50 Hz (480 V / 3-ph / 60 Hz) – nominal – other voltages are available
Weight	625 lbs (283 kg)
Dimensions (LWH)	102.4”(2600.7 mm) x 52”(1320.8 mm) x 28.8”(732.8 mm)

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

[2] Heating Rating Conditions: 8 GPM (30 l/min) coolant flow rate (50% glycol) and 100°F (55°C)  $\Delta T$  between fluids at inlet.



**MCC Mobile Climate Control**