



Electric Roof Mount HVAC **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, longer system life with reduced engine loads resulting in lower fuel consumption. MCC's roof mount electric series HVAC system meets or

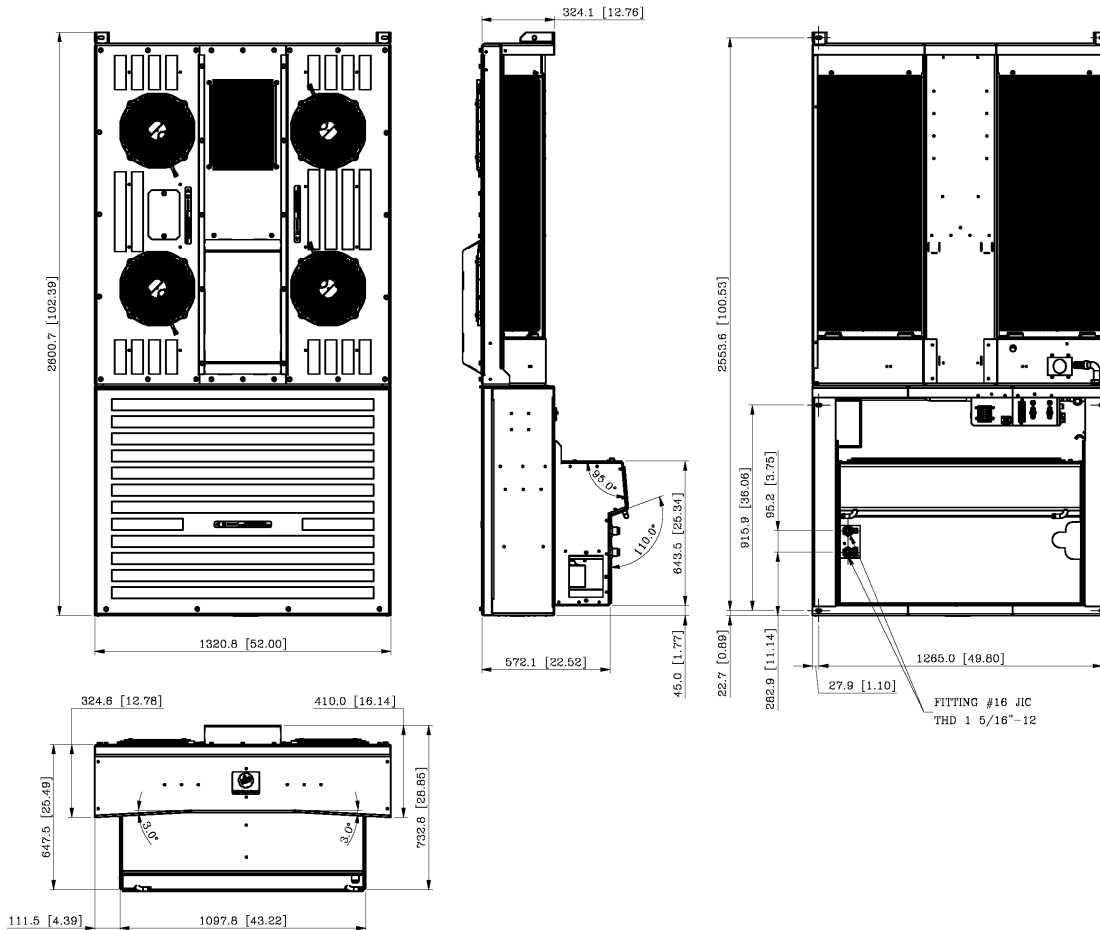
exceeds industry recognized specifications in both the cooling and heating modes. All this superior performance is provided using standard HFC R134a non-Ozone depleting refrigerant. The MCC Eco Xcel electric HVAC system provides the lowest life cycle cost in the industry.



Features

Benefits

<ul style="list-style-type: none"> • Variable speed electric powered scroll compressor 	<ul style="list-style-type: none"> • Maximizes efficiency for providing output capacity to need • Long life compressor
<ul style="list-style-type: none"> • Self contained, fully sealed, factory charged and tested 	<ul style="list-style-type: none"> • No customer cost for equipment and time to connect and charge refrigerant
<ul style="list-style-type: none"> • Long life brushless fan motors 	<ul style="list-style-type: none"> • Provides up to 40,000 hours life cycle along with high efficiency to minimize electrical power
<ul style="list-style-type: none"> • Reliable CAN enabled microprocessor-based controls 	<ul style="list-style-type: none"> • Communicates with vehicle electronics for optimized control and operation
<ul style="list-style-type: none"> • Heavy duty heat exchanger coils 	<ul style="list-style-type: none"> • Long life durable to meet environmental conditions
<ul style="list-style-type: none"> • Easy access to internal parts and components 	<ul style="list-style-type: none"> • Saves time for seasonal maintenance or other service
<ul style="list-style-type: none"> • Zero ozone depleting, high efficiency HFC R134a 	<ul style="list-style-type: none"> • Friendly to the environment
<ul style="list-style-type: none"> • Advanced coil and airflow technology 	<ul style="list-style-type: none"> • Provides 15% efficiency benefit versus competitors saving energy and operating cost
<ul style="list-style-type: none"> • Compact design minimizing installation area 	<ul style="list-style-type: none"> • Space saved can allow installation on hybrid and CNG buses
<ul style="list-style-type: none"> • EcoTemp MAX Controller 	<ul style="list-style-type: none"> • Latest electronic design for optimized control • OLED display provides outstanding display no matter from what angle or lighting conditions



Technical Data

Cooling capacity (ARI) ^[1]	85000 Btu/hr (25 kW)
Heating capacity ^[2]	126000 Btu/hr (37 kW)
Air flow	2400 CFM (4100 m ³ /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) Δ T between fluids at inlet.

