



Roof Mount HVAC **Eco Xcel**

Inline roof mount HVAC system

The Eco Xcel is another industry leading design from of MCC's performance engineered HVAC products. Our innovative roof mount HVAC system delivers the ultimate in passenger comfort in the most energy efficient way with best in industry fuel

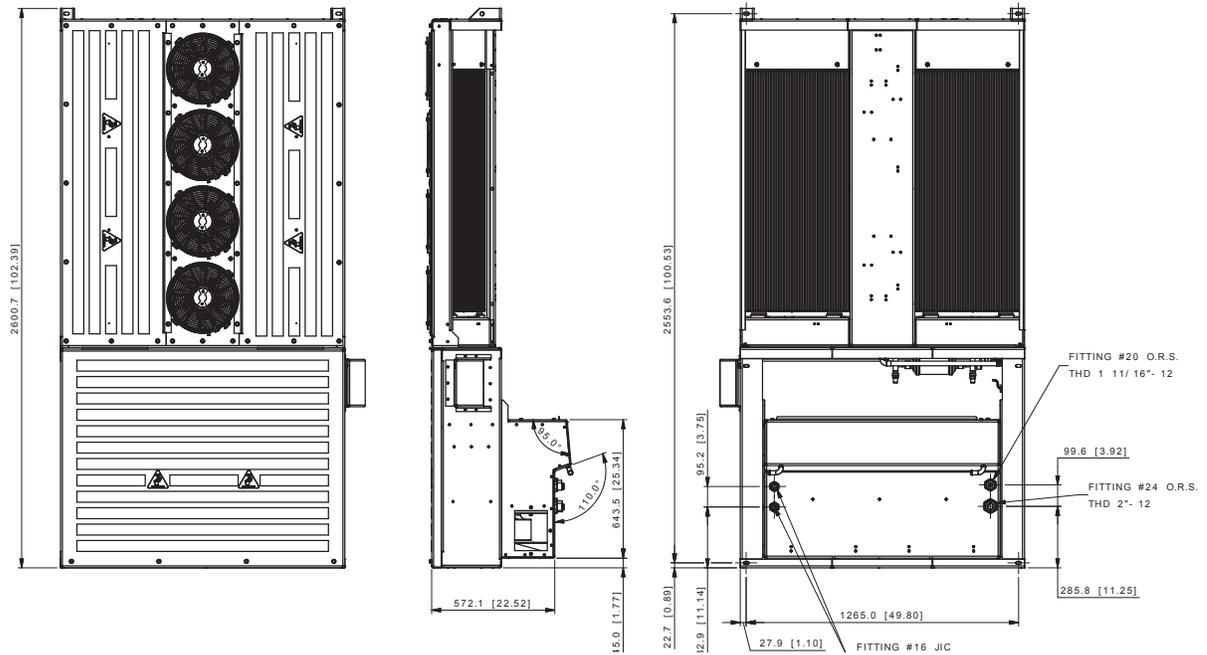
economy. The results are staggering with 18% reduction in weight, 24% reduction in electrical power consumption and up to 36% increase in cooling capacity compared to market published data.



Features

Benefits

<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 condition
<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"> • Increased heating and cooling capacity 	<ul style="list-style-type: none"> • Provides better comfort for all weather conditions
<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]	120000 Btu/hr (35kW)
Heating capacity ^[2]	126000 Btu/hr (37 kW)
Air flow	2400 CFM (4100 m ³ /h)
Refrigerant	R134a
Current	71.5 A at 28 V
Weight	410 lbs (186 kg)
Dimensions (LWH)	102.4" (2600.7 mm) x 52" (1320.8 mm) x 25.5" (647.5 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.

