



Eco Xcel

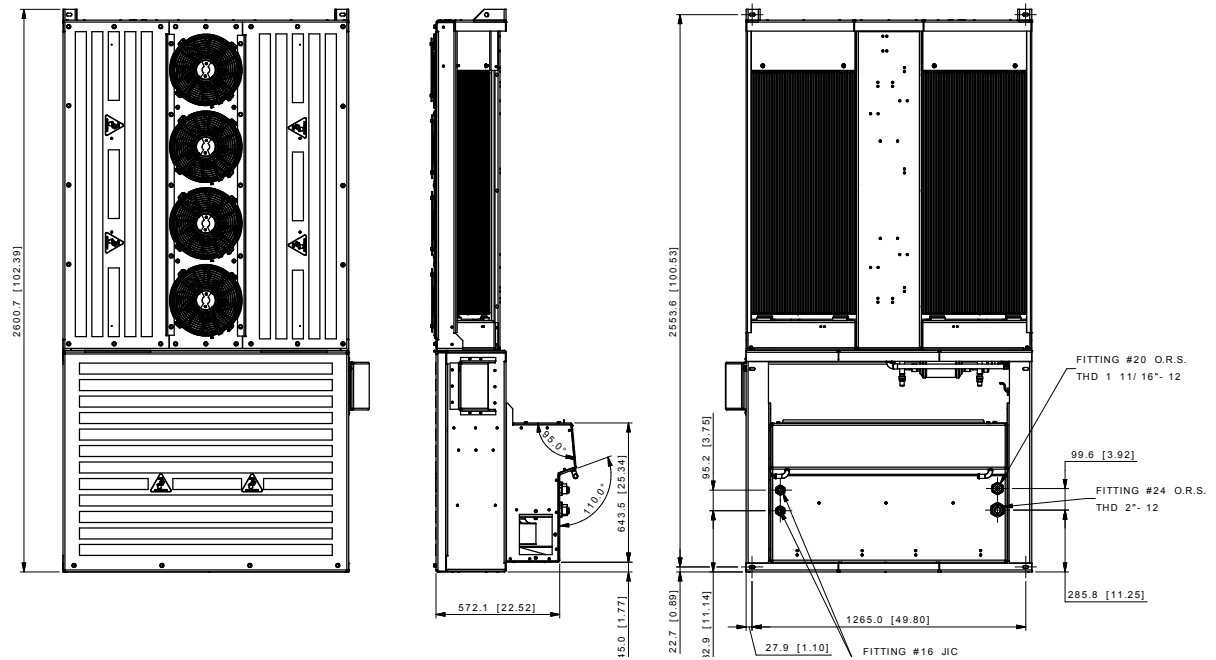
# Inline roof mount HVAC system

The new Eco Xcel is another example of MCC's performance engineered HVAC products. Our innovative rooftop 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"> <li>• Brushless impeller with backward inclined blades</li> </ul>	<ul style="list-style-type: none"> <li>• 40 000 hrs + longer life cycle</li> <li>• Higher efficiency translates to lower power consumption</li> <li>• Lower noise for quieter operation</li> </ul>
<ul style="list-style-type: none"> <li>• Micro Channel Condenser Coil</li> <li>• R134a refrigerant with optimal system design</li> <li>• Large interior maintenance access panel</li> <li>• Increased heating and cooling capacity</li> <li>• Separate evaporator heater coil</li> </ul>	<ul style="list-style-type: none"> <li>• Improved performance, lower weight, higher efficiency</li> <li>• Lower cost, less system weight, less refrigerant</li> <li>• Ease of access for maintenance</li> <li>• Provides better comfort for all weather conditions</li> <li>• Easier to service</li> <li>• Ensures optimal driver comfort at all conditions</li> </ul>
<ul style="list-style-type: none"> <li>• EcoTemp NG Controller</li> </ul>	<ul style="list-style-type: none"> <li>• Latest electronic design for optimized control</li> <li>• OLED display provides outstanding display no matter from what angle or lighting conditions</li> </ul>
<ul style="list-style-type: none"> <li>• O5G compressor with compressor unloading</li> </ul>	<ul style="list-style-type: none"> <li>• Industry proven most reliable compressor</li> <li>• Reduces power consumption which translates into fuel savings</li> </ul>



## Technical Data

Cooling capacity (ARI) <sup>[1]</sup>	120000 Btu/hr (35kW)
Heating capacity <sup>[2]</sup>	126000 Btu/hr (37 kW)
Air flow	2400 CFM (4100 m <sup>3</sup> /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"(647.5mm)

[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.

