

## Condenser **KR-4**

MCC's KR-4 high-capacity roof mount condenser has been specifically engineered for use in school and commercial buses that are 20'– 40' (7620 – 12192 mm) long.

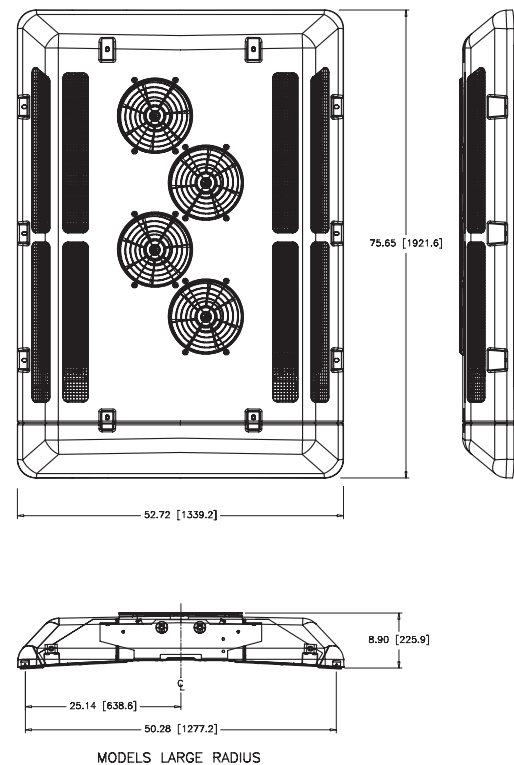
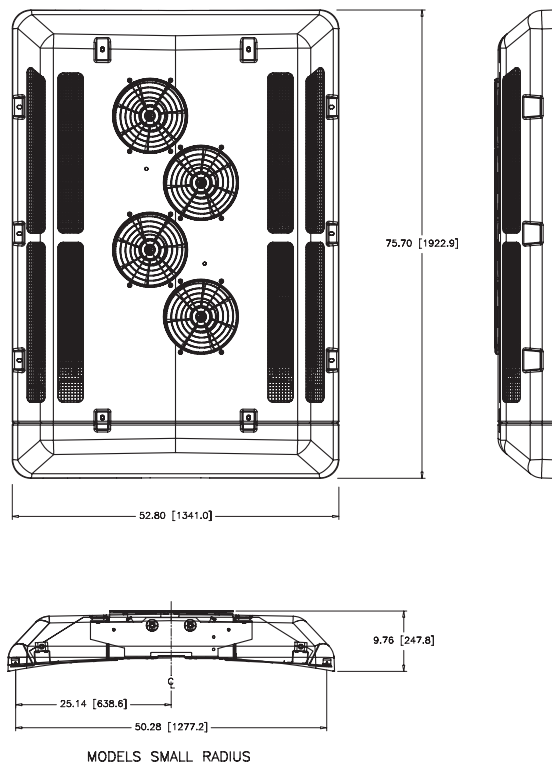
The ultra-low-profile KR-4 roofmount condenser frees up the skirt area for a variety of options including CNG tanks, wheel-chair lifts and luggage boxes. Simply mount it on the roof and free up space inside.



### Standard Features

- Delivers the highest capacity in its class using R134a
- The sleek, low-profile design looks like part of the roof
- Transit-duty construction: Combines the toughness of steel with the light weight and corrosion resistance of aluminum fiberglass
- Swiss-made, stainless steel shaft with long-life, ball-bearing motors
- Available in both 12V and 24V configurations
- All refrigerant termination points feature O-ring connections for ease of installation and leak-free reliability
- The KR-4 can be matched with a wide variety of MCC evaporators including our EM-1, EM-3, EM-9 and EM-17
- MCC's newest "whisper quiet" fan technology, which delivers the highest-rated CFM at the industry's lowest decibel rating
- Two cover radiuses available to better fit your application. Small (15" red) and larger (300" red)

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### Technical Data

Capacity	163000 Btu/hr (47.7 kW) IMACA <sup>[1]</sup>
Coil	Four rows deep. Aluminum tube sheets with MCC's patented, internally enhanced 3/8" diameter copper tubes expanded into .008"-thick aluminum-coated fins
Motors	Four permanent-magnet fan motors. Stainless steel shafts and sealed ball-type bearings rated at 20000 hours
Air flow	3500 CFM (5946.5 m <sup>3</sup> /hr) at 2950 rpm; zero-static rating condition
Fan blade	Four tri-blade glass-filled ABS propeller-type fans, 14" in diameter
Housing	Corrosion-resistant, lightweight, hand-laid fiberglass with UV-resistant gel-coated exterior layer
Fitting connections	Single Circuit – Outlet – #12 male ORFS Inlet – #16 male ORFS Dual Circuit – Outlet – # 8 (3/4"-16) male insert O-ring Inlet – #10 (7/8"-14) male insert O-ring
Max amperage requirement	44 amps @ 13.5 VDC; 22 amps @ 27.0 VDC
Weight	187 lbs (85 kg)

[1] IMACA conditions: 100°F (38°C) / 90°F (32°C) / 50% RH