

## Condenser **CM-14**

Field experience led to our innovative CM-14 condenser design for commercial and school bus air conditioning. Lower condensing temperatures and pressures result in enhanced cooling, longer compressor life and more efficient system operation. In MCC unique design, air is channeled away from the vehicle undercarriage, eliminating recirculation of hot air.

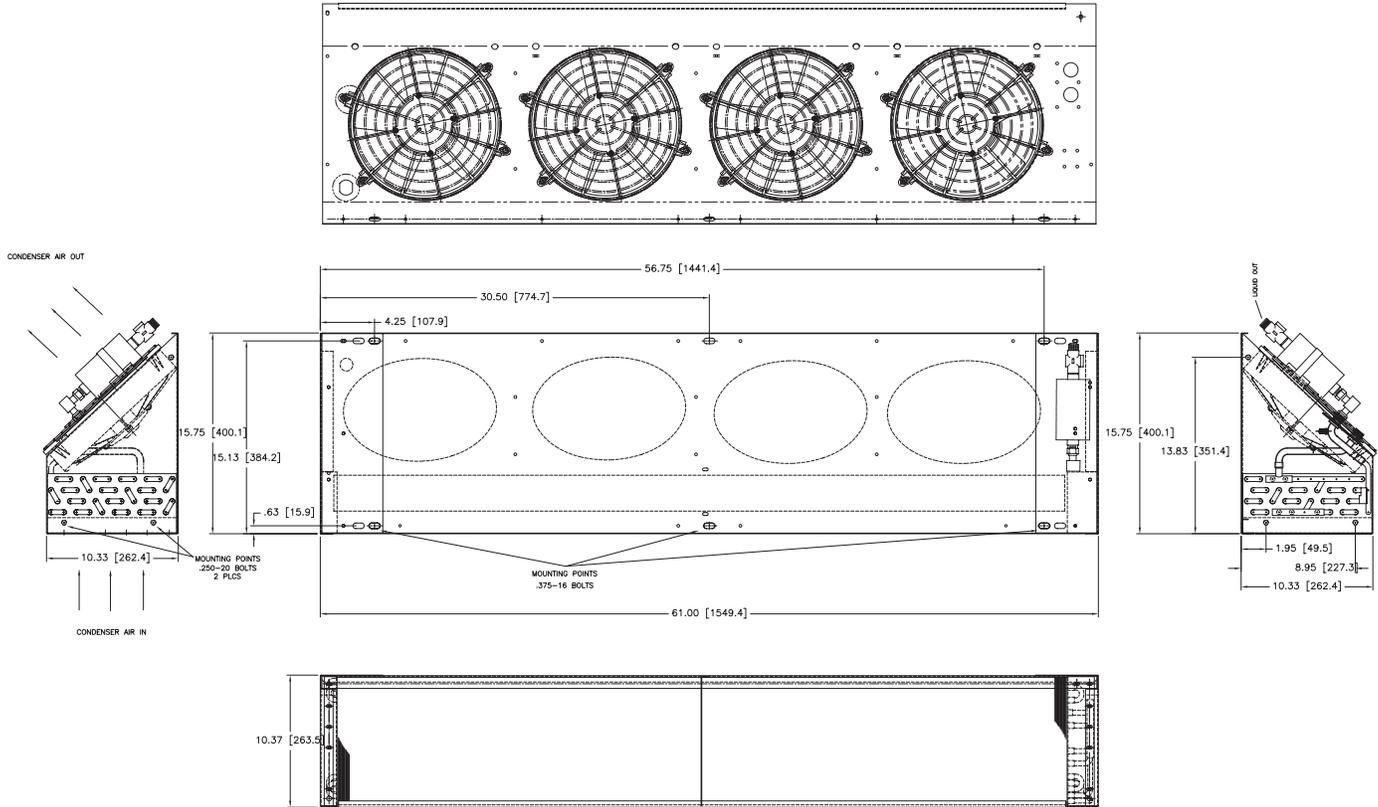
For best possible performance in new or retrofit applications, specify the MCC CM-14 condenser. The CM-14 condenser can be matched with other MCC components to provide a complete air conditioning system that meets your exact vehicle size, operating mode and climate.



### Features

- Enhanced Copper Tube and Aluminium fin coil design for unmatched heat transfer coil
- Zinc coated for added durability and corrosion protection
- Rugged coated steel construction
- Integral high-pressure switch eliminates high-side compressor cycling
- Unitized motor/fan package increases service access and decreases service time
- Winter protection package
- Incorporated single piece combination filter drier and sight glass with system moisture indicator reduces possible leak joints
- Skirt mount or component mount air inlet grille
- 12 V or 24 V operation
- Stackable kit available
- Plug-n-Play connectors on unit and fan motor provide for ease of installation and motor service

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## Technical Data

Capacity	107000 Btu/hr (31.35 kW) IMACA <sup>[1]</sup>
Air flow	3200 CFM (5437 m <sup>3</sup> /hr)
Condenser coil	Four rows deep, patented, internally enhanced copper tubes expanded into aluminum fins
Condenser fans	Unitized, low-profile, axial-flow vector fans balanced for quiet, vibration-free operation with finger guard
Fan motors	Totally enclosed, pancake-style, permanent-magnet type with extended-life permanently lubricated bearings
Max amperage requirement	29 amps @ 13.5 VDC; 26 amps @ 27.0 VDC
Safety controls	High refrigerant pressure cut-out 400 psi (28 bar); cut-in 300 psi (21 bar)
Receiver filter dryer	16 in <sup>3</sup> (262 cm <sup>3</sup> )
Weight	95 lbs (43.1 kg)
Available color	Midnight Black

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