

# Carrier Transport A/C

## EXCEL KR-4 CONDENSER

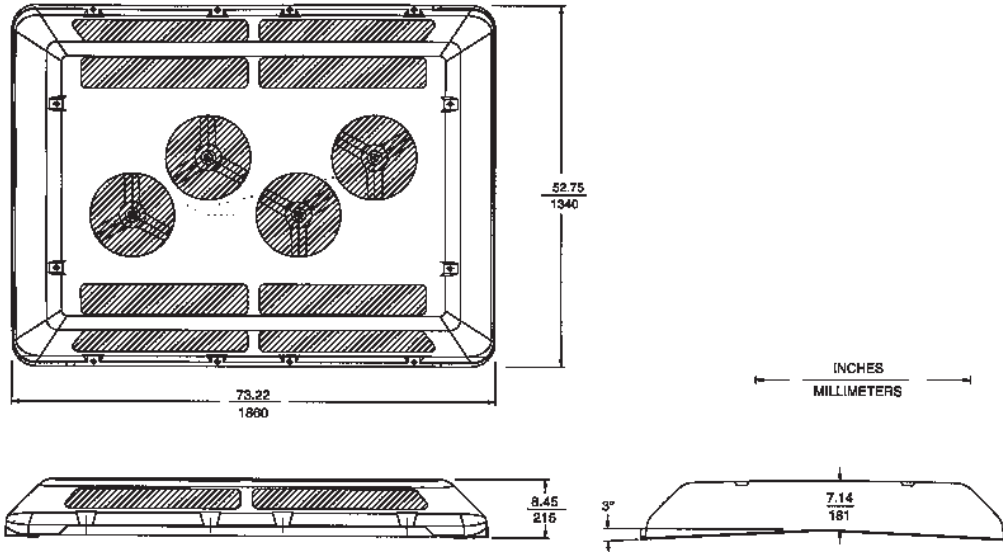


LOW-PROFILE,  
*high-performance*  
ROOFMOUNT  
air conditioning  
SYSTEM.



# EXCEL KR-4. The ROOFMOUNT system that puts *performance ABOVE ALL.*

Carrier's Excel Series KR-4 high-capacity roofmount condenser has been specifically engineered for use on school and commercial buses that are 25 to 40 feet long. This system is the perfect marriage of European technology and American application. The ultra-low-profile KR-4 roofmount condenser frees up the skirt area for a variety of options like CNG tanks, wheelchair lifts, and luggage boxes. Simply mount it outside and free up space inside.



## Standard Features Include:

- **High Capacity:** IMACA-rated at 163,000 Btu/hr; ARI-rated at 116,000 Btu/hr. Delivers the highest capacity in its class using environmentally friendly R-134a refrigerant.
- **Aerodynamic Design:** The sleek, low-profile design looks like part of the roof, not like an add-on. In fact, it has the lowest profile (only 7-1/8") on the market today.
- **Transit-Duty Construction:** Combines the toughness of steel with the light weight and corrosion resistance of fiberglass. This gives you all the reliability you depend on from Carrier.
- **Long-Life Motors:** Swiss-made, stainless steel shaft with long-life, ball-bearing motors. Delivers over 10,000 hours of continuous life. Available in both 12- and 24-volt configurations.
- **Leak-Free Connections:** All refrigerant termination points feature o-ring connections for ease of installation and leak-free reliability.
- **Flexibility:** The KR-4 can be matched with a wide variety of Carrier evaporators including our EM-1, EM-3, EM-9, and EM-17. The condenser is available in single- or dual-circuit configurations to maximize compressor-matching options ranging from 20 to 41 cubic-inch displacement.
- **Quiet Operation:** Designed using Carrier's newest "whisper-quiet" fan technology, which delivers the highest-rated CFM at the industry's lowest decibel rating.
- **Coated Coils:** Carrier protects all coils with a patented E-coating for the most durable finish on the market today.

## Specifications:

- **Coil:** Four rows deep. Aluminum tube sheets with Carrier's patented, internally enhanced 3/8"-diameter copper tubes expanded into .008"-thick aluminum-coated fins.
- **Motors:** Four fully rebuildable permanent-magnet Swiss-made fan motors. Stainless steel shafts and sealed ball-type bearings rated at 20,000 hours.
- **Airflow:** 3,500 CFM (6,000 m<sup>3</sup>/hr) at 2,950 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 ORS  
Inlet - #16 male ORS  
Dual Circuit - Outlet - # 8 (3/4"-16) male insert o-ring  
Inlet - #10 (7/8"-14) male insert o-ring
- **Current Draw:** Rated at zero static pressure - 12vDC/44 amps  
24vDC/22 amps
- **Weight:** Dry rating 187 lbs. (85kg).
- **Dimensions:** L=73.22", W=52.75", H=7.25".
- **Warranty:** All Carrier Transport Air Conditioning systems are covered by an industry-leading two-year unlimited mileage warranty. Complete terms and conditions are available through your factory representative.

Specifications are subject to change without notice.

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