



Air Conditioners:

Advantage
Guardian
Guardian 480
Intrepid
Mini
Profile
Profile 480
» Rack Mount
Top Mount
Traditional
TrimLine
Water-Cooled



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Rack Mount Series Air Conditioners



Horizontal Internal Rack Mount Series Air Conditioners



STANDARD FEATURES

- All models UL/CUL Listed
- CFC-Free Refrigerant
- Condenser Airflow at Front of Unit
- Condenser Impeller Speed Controller
- Customized airflow with supplied baffle plates
- EIA-notched flanges
- EMI/RFI Suppressor
- Filter
- Heavy-duty Steel Shell with Baked Powder Finish
- Ideal for inconspicuous internal mounting
- Low Temperature Control Thermostat
- Six Foot [1.8m] (minimum) SJT 3-wire Cord

The **RML Series** Rack-Mounted Air Conditioners, are designed specifically for cooling electronic enclosures and boast an innovative design concept allowing installation in any location within a data rack while keeping electronics cool. The key to this flexibility is the evaporator airflow pattern. The **RML Series** Air Conditioners feature two evaporator air inlets and two outlets on the top and the bottom of the unit. By using supplied baffle plates, the air conditioners can easily be configured for a variety of applications, with the choice of up to five airflow pattern options. In addition to airflow variety, the **RML Series** features condenser airflow at the front of the unit. This unique design gives greater flexibility when locating the unit within an enclosure, frees up additional space and requires only one cutout on the enclosure.

Rated at 5,000 BTU/H and available in 115 or 230 VAC, these air conditioners are an excellent choice for Data Centers, Communications and Telecom applications. The **RML Series** is UL Listed and offers a wide range of options, including a Cooling Effect Detector, Internal Corrosion Protection and Stainless or Aluminum Shell.

KEY FEATURES AND BENEFITS

CLOSED-LOOP COOLING

Enclosure airflow is isolated from ambient air, which cannot invade sensitive electronic components in the enclosure.

UP TO FIVE POSSIBLE EVAPORATOR AIRFLOW PATTERNS

Allows installation in any location within a data rack.

THERMOSTATICALLY CONTROLLED

Prevents over-cooling and provides energy-efficient operation.

CONDENSER AIRFLOW AT THE FRONT OF THE UNIT

Unique design gives more flexibility when locating the unit in the enclosure, frees up additional space and requires only one cutout on the enclosure.

SIX FOOT [1.8m] (MINIMUM) SJT 3-WIRE CORD

UL/CUL Listed.

FULL LINE OF OPTIONS AVAILABLE

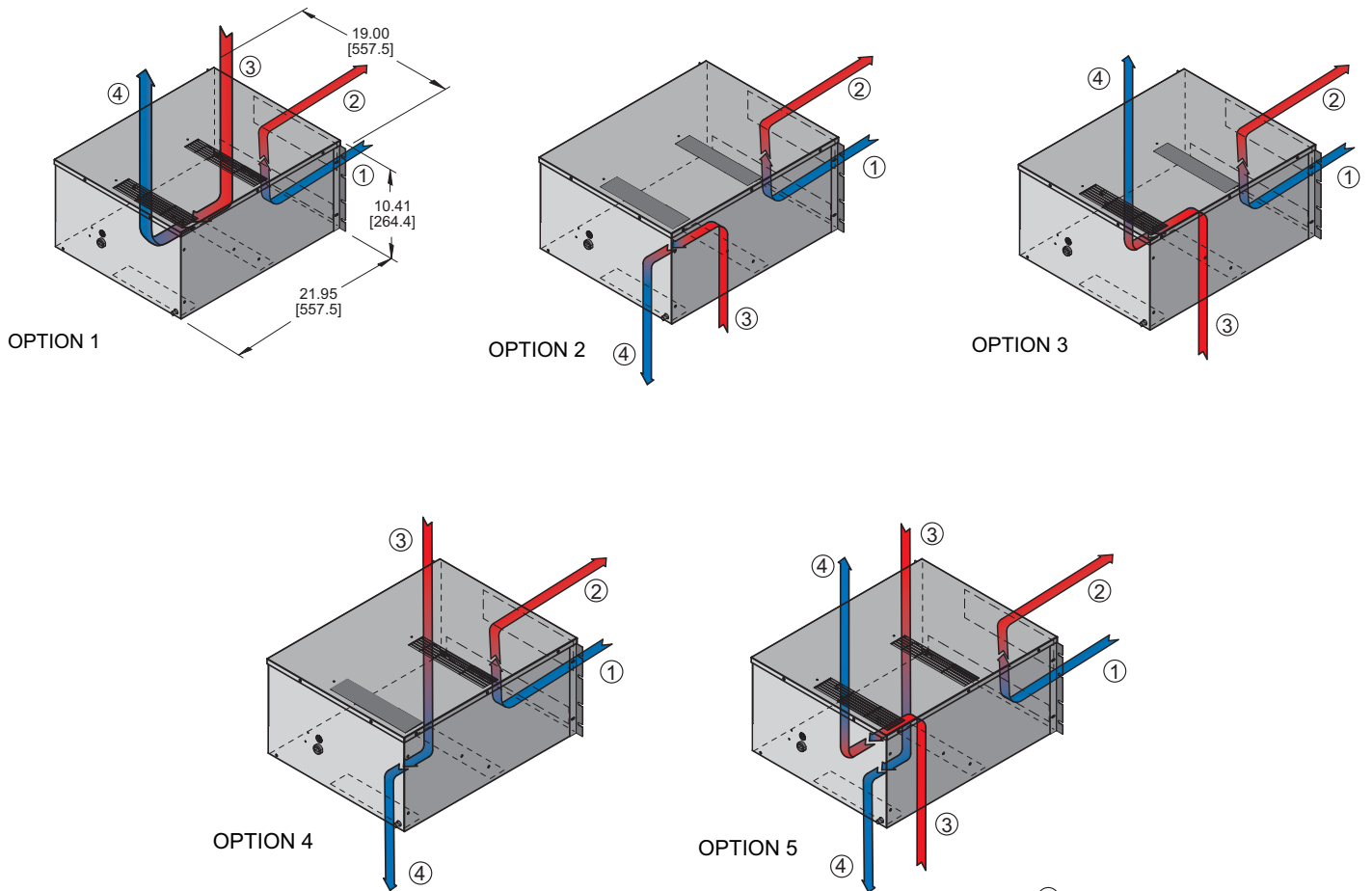
A complete line of accessory items simplifies modifications to meet individual requirements.

AIRFLOW AND DIMENSIONS

Dimensions, inches [mm], are for reference only and are subject to change.

The RML Series offers a choice of up to five evaporator airflow patterns, allowing installation in any location within a data rack. Using supplied baffle plates the RML can easily be configured for a variety of applications.

In addition, the RML features a unique condenser airflow design with both intake and outlet at the front of the unit. The RML is the only air conditioner on the market with this same-side condenser airflow configuration. This design eliminates the need for additional duct work, freeing up more space in the electronics cabinet. It also allows greater flexibility when locating a unit within an enclosure, and requires only one cutout on the enclosure.



Dimensions, inches [mm], are for reference only and subject to change.

- ① FILTERED CONDENSER AIR INLET (Ambient Air In)
- ② CONDENSER OUTLET (Warm Ambient Air Out) 2.25 x 3.38 [57.2 x 85.9] each
- ③ WARM AIR RETURN FROM ENCLOSURE 2.00 x 15.00 [50.8 x 381.0]
- ④ COOL AIR OUTLET TO ENCLOSURE 2.00 x 4.50 [50.8 x 114.3] each

For more information on these and all of our thermal management products please visit our website:

kooltronic.com

E-mail sales@kooltronic.com

Also From Kooltronic:

KOOLTRONIC CARRIES A FULL LINE OF AIR CONDITIONERS, HEAT EXCHANGERS, FANS, BLOWERS, FANTRAYS AND ENCLOSURE ACCESSORIES



Heat Exchangers



NEMA 4 or 4X Air Conditioners
(480 Volt models available)



Fans



Fantrays



Basic Blowers
and
Packaged Blowers

Custom



Design



Enclosure
Accessories

With over 55 years of service to our customers, Kooltronic is the leading manufacturer of air conditioners, heat exchangers, fans and blowers designed specifically to cool the interiors of enclosures containing heat sensitive components. We operate a complete manufacturing facility and sales office at our headquarters in Pennington, NJ and a regional sales office in Ventura, CA.

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Pennington, NJ
Phone: (609) 466-3400
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Regional Sales Office:

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