

KOOLTRONIC AIR CONDITIONER QUICK SHEET



NEMA TYPE 3R & 12 MAINTAINED

Profile Series - Engineered to be mounted either outside or inside of an enclosure, these thin NEMA 12 & 3R indoor/outdoor air conditioners offer new levels of versatility and security to electronics cooling. Available in a range of sizes and capacities from 2,000 to 9,000 BTU/H, with all models UL/CUL Listed, the Profile Series is an excellent choice for telecommunication or other outdoor cabinet applications. Also available in External Mount only and 480 Volt models.



NEMA TYPE 12 MAINTAINED

Traditional Series - This series has capacities from 1,000 to 12,000 BTU/H. Ranging in height from 13" to 59.5", these units are 19" across the flanges (except the Micro-Mini at 14"). These units have centrifugal blowers that perform well on densely packed applications. The **Micro-Mini** (center) has a capacity of 1,000 BTU/H and is ideal for small cabinets with low heat load and low static pressure.



NEMA TYPE 12 MAINTAINED

TrimLine Series - With a capacity range from 2,000 to 16,000 BTU/H, this series comes with the M/TAB mounting system. The M/TAB is used as a template for cutting the air path holes, and for mounting the unit once the M/TAB is affixed to the cabinet. These units come in widths from 10" to 21.75", and heights from 17.5" to 59.5".



NEMA TYPE 4/4X MAINTAINED

Integrity NEMA 4/4X Series - This series has capacities from 3,000 to 10,000 BTU/H. The units are ideal for wash down and outdoor applications where the integrity of NEMA 4 is required. Sizes range from 21" high x 12" wide to 59" high x 18.62" wide. Standard units come in 304 stainless steel with a high polished finish.



NEMA TYPE 3R & 12 MAINTAINED

Advantage Series Indoor/Outdoor - This series comes in seven heights with capacities from 2,000 to 22,000 BTU/H. The units are stylish, with rounded edges and no visible hardware. There are no protruding weather hoods - weather protection is integral to the unit. The patented sealing system maintains both NEMA 12 & 3R interface with the cabinet.



NEMA TYPE 3R MAINTAINED

Intrepid Outdoor Air Conditioners - The Intrepid EP56 has a capacity of 30,000 BTU/H and is 56" high. These units are designed for outdoor applications and protect against nearly all climate hazards. The weather protection is integral to the cabinet, eliminating the need for hoods. These units feature significant noise reduction for use where sound must be minimized.



UL US CUL US

Horizontal Series Internal - Internal Rack Top Mount Model H5 comes in capacities of 3,500 BTU/H and 5,000 BTU/H. These units fit in a standard 19" rack at the top or bottom of the cabinet. The Internal Rack Bottom mount has the same capacities as the Top Mount. Optional filter locations are also available for these models.



UL US CUL US

Horizontal Series External - This series comes in capacities from 2,500 BTU/H to 12,000 BTU/H. There are five sizes to choose from, ranging from 9.06" high x 16" wide x 14" deep, to 19.5" high x 33.75" long x 22.5" wide. The Advantage Top Mount has rounded edges with no visible hardware to blend in with today's modern equipment.



Water Cooled Models - Available in some TrimLine (shown above), Traditional and Rack Mounted series, these models are recommended for applications with extreme ambient and/or severely contaminated environments if a reliable supply of cool, clean water is available.

- Kooltronic Air Conditioners are manufactured in the USA.
- Kooltronic has a 170,000 sq. ft. manufacturing and testing facility.
- 100% testing on all air conditioners and heat exchangers.
- Heavy-Duty Steel, Aluminum or Stainless Steel enclosures.
- NEMA 12 - 3R - 4/4X available.
- Environmental chamber and laboratory on site.
- CFC Free or low ODP refrigerant used in all air conditioners.
- Special packaging equipment reduces the risk of damage.
- LED thermostat with short cycle protection available.
- Exclusive M/TAB integral mounting system available.
- Contract laboratory facilities with full computer data acquisition for complete system analysis.
- Founded in 1956, Kooltronic is a privately owned company.
- Two Year Warranty.
- Most models are UL/CUL Listed or Recognized.
- Painted units have baked powder finish.
- Full line of options for custom applications.
- Automated and custom paint booths.
- Custom design - prototype program.
- Precision ball bearing motors.
- All units designed using solid modeling software.
- EMI/RFI suppressor is a standard feature.

Air Conditioner Accessories and Options

Kooltronic offers a number of both factory-installed and customer installed accessories and options for its air conditioners, from aluminum cabinets to weather protection kits. For a complete list of available options and accessories, contact Kooltronic, or visit: www.kooltronic.com.

Lead-Lag Controller - This dual-stage device allows users to control the operation of up to two air conditioners based on either temperature or run time. For users with fluctuating heat loads, the Lead-Lag Controller will bring the second air conditioner on-line as the heat load increases, and shuts it down as the demand for additional cooling diminishes. It can also be used to distribute the run-time over multiple units, balancing the service life of the air conditioners.



Lead-Lag Controller

Kooltronic Air Conditioner Selection Guide

Series	Indoor	Indoor/ Outdoor	NEMA 3R	NEMA 4/4X	NEMA 12	M/TAB Available	480 Volt	Rack Mounted	Top Mounted	BTU/H Capacity	Two Year Warranty	UL Recognized	UL Listed
Profile Internal/ External Mount	✓	✓	✓		✓	✓				2,000 - 9,000	✓	✓	✓
Profile External Mount	✓	✓	✓		✓	✓	✓			5,000 - 26,000	✓	✓	✓
Traditional	✓				✓					1,000 - 12,000	✓	✓	
Trimline	✓				✓	✓				2,000 - 16,000	✓	✓	
Integrity	✓	✓		✓		✓				3,000 - 10,000	✓	✓	
Advantage	✓	✓	✓		✓	✓				2,000 - 22,000	✓	✓	
Intrepid	✓	✓	✓							30,000	✓	✓	
Horizontal Internal	✓							✓		3,500 - 5,000	✓	✓	
Horizontal External	✓								✓	2,500 - 12,000	✓	✓	
Advantage Horizontal External	✓	✓	✓		✓				✓	3,000 - 12,000	✓	✓	
Water Cooled	✓					✓				4,000 - 12,000	✓		

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