

KOOLTRONIC AIR CONDITIONER QUICK SHEET



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.



Guardian/GuardianX Series - This series consists of four models offering capacities of 1,000, 5,000, 7,000 & 9,000 BTU/H. The **Guardian Series** has a NEMA 4 rating for applications that require washdown or are subject to outdoor storm conditions. The **GuardianX**, with a NEMA 4X Rating, is available by choosing the optional Stainless Steel shell (option V).

Advantage Series - 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.



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** (left) has a capacity of 1,000 BTU/H and is ideal for small cabinets with low heat load and low static pressure.

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".



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.

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.

FEATURES AND BENEFITS OF KOOLTRONIC, INC.



- 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.
- 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.
- Contract laboratory facilities with full computer data acquisition for complete system analysis.

For more information on our thermal management products please visit our website:

www.kooltronic.com

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	✓	✓	✓		✓	✓	✓			14,000 - 26,000	✓	✓	✓
Guardian		✓		✓						1,000 - 9,000	✓	✓	✓
Traditional	✓				✓					1,000 - 12,000	✓	✓	
Trimline	✓				✓	✓				2,000 - 16,000	✓	✓	
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	✓		

30 PENNINGTON-HOPEWELL ROAD
PENNINGTON, NEW JERSEY 08534
TEL: 609-466-3400 FAX: 609-466-1114

1937 GOODYEAR AVENUE, SUITE 707
VENTURA, CALIFORNIA 93003
TEL: 805-642-8521 FAX: 805-658-2901