



MICRO-MINI AIR-COOLED PANEL-MOUNTED AIR CONDITIONERS



**NEMA
TYPE 12
MAINTAINED**



Model	NEMA Rating	UL/CUL Listed or Recognized	95/95 BTU/H Capacity	Ambient Temp.		Volts	Hz	Running Amps	Approx. Weight lbs. kg.		
				°F	°C						
KA4C1.0MML	12	Listed	1000	850	125/-20	52/-28	115/100	60/50	2.7	30	14

Rating shown is for operation at maximum ambient temperature.

STANDARD FEATURES

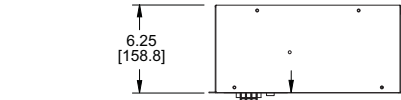
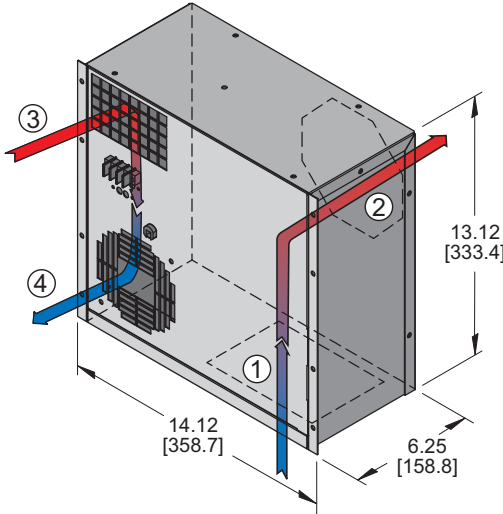
- Ball-bearing Motors
- CFC-Free Refrigerant
- Closed-Loop Cooling
- Compressor Short Cycle Protector
- Filter
- NEMA 12 Rating Maintained (UL50)
- Programmable Thermostat
- Temperature Alarm
- UL/CUL Listed

ACCESSORIES AND OPTIONS

- Adapter
- Aluminum Shell
- Filter Recoating Adhesive
- High-Capacity Condensate Evaporator
- Internal Corrosion Protection
- Lead-Lag Controller
- Lifting Eyes
- Remote Monitoring
- Remote Thermostat Relay
- Replacement Filters
- Special materials or finishes
- Stainless Steel Shell
- Weather Protection Kit

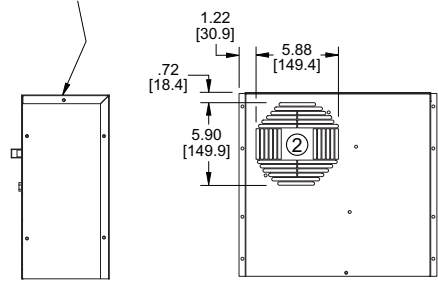
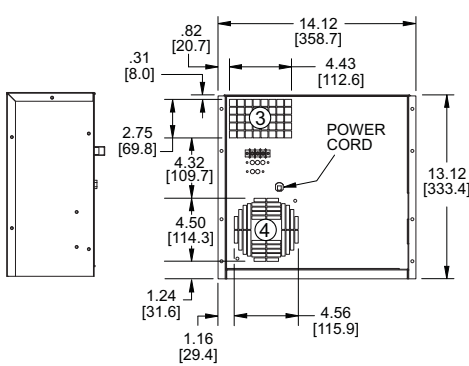
Find additional information on this model at kooltronic.com, or use the Technical Documents QR code below.

Technical Documents

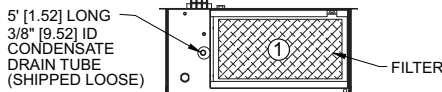
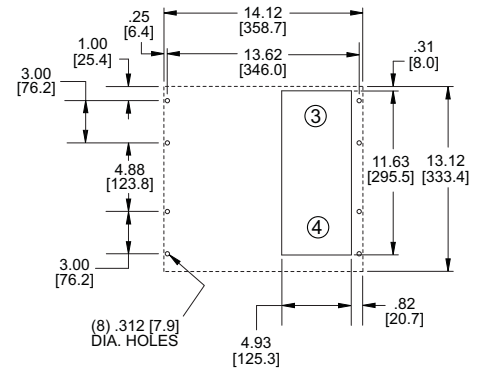


TEMPERATURE ALARM TERMINAL BLOCK

NOTE: REMOVE TOP PANEL TO ACCESS PROGRAMMABLE THERMOSTAT



MOUNTING PLAN



- ① CONDENSER AIR INLET (Ambient Air In)
- ② CONDENSER OUTLET (Warm Ambient Air Out)
- ③ WARM AIR RETURN FROM ENCLOSURE
- ④ COOL AIR OUTLET TO ENCLOSURE

Many popular units are available as 3D solid models for customer system integration. Please contact Kooltronic for details.

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

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MICRO-MINI AIR-COOLED PANEL-MOUNTED AIR CONDITIONERS

DESCRIPTION

KOOLTRONIC *Micro-Mini Air Conditioners* are ideal for low-capacity applications with space limitations. Mounted on any vertical panel of equipment enclosures, they occupy minimal floor space and no cabinet space. Hostile ambient air is sealed from the electronic cabinet air by the closed-loop design and gasketed mountings.

Micro-Mini Air Conditioners are suitable for applications that have low static pressures, where fans can provide adequate airflow.

Where rack mounting is required, special adapter plates are available.

Outdoor or corrosive environments require weather protection and/or special internal and external protective features.

For extreme ambient temperatures and/or severely contaminated environments, the use of Water-Cooled Air Conditioners is recommended.

KOOLTRONIC also designs and manufactures a variety of Air Conditioners to meet unique specifications. We invite your inquiries about our modification and custom-design capabilities.

FEATURES AND BENEFITS (STANDARD)

All models UL/CUL Listed, a standard of safety.

Ball bearing motors feature double-sealed or double shielded precision ball bearings.

CFC-free refrigerant provides a zero ozone depletion potential.

Closed-loop cooling provides stable temperature control while excluding dust and humidity.

Compressor short-cycling protection extends compressor life.

NEMA 12 rating maintained (UL50).

Programmable thermostat for operator set point adjustment.

Temperature alarm to alert if early action required.

FEATURES AND BENEFITS (OPTIONAL)*

Adapter plate or plenum needed to replace older Kooltronic or competitor units.

High capacity condensate evaporator kit to collect, vaporize and discharge condensate to surrounding air.

Internal corrosion protection to increase reliability in hostile environments.

Lead-lag controller for two air conditioners provides for capacity control, and alternates usage, increasing reliability.

Remote monitoring for off-site checking via programmable thermostat.

Remote thermostat relay for control by a user-supplied control system.

Stainless steel or aluminum shells to satisfy a variety of application requirements.

Special paint finishes.

Weather protection kit for outdoor installations subject to rain, snow or windblown dirt.▲

*Contact KOOLTRONIC for more information.

▲NOTE: Units using the weather protection kit are not UL Listed. Units installed outdoors may also require special exterior paint.

REPLACEMENT FILTERS

The Micro-Mini filter Part Number is 5001F (9.56" x 5.00" x 0.50" [243mm x 127mm x 13mm]).

