MICRO-MINI AIR-COOLED
PANEL-MOUNTED AIR CONDITIONERS

c**UL**us

NEMA
TYPE 12
MAINTAINED
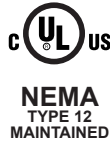
Model	Normally in Stock	BTU/H Capacity	95/95 Rating BTU/H	Ambient Temp. ºF Max./Min.	Volts	Hz	* Running Amps	Approx. Weight (lbs.)
KA4C1.0MML	Yes	1000	850	125/-20	115/100	60/50	2.7	30.5

* 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
NEMA12 Rating Maintained (UL50)
Programmable Thermostat
Temperature Alarm
UL/CUL Listed

ACCESSORIES AND OPTIONS

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

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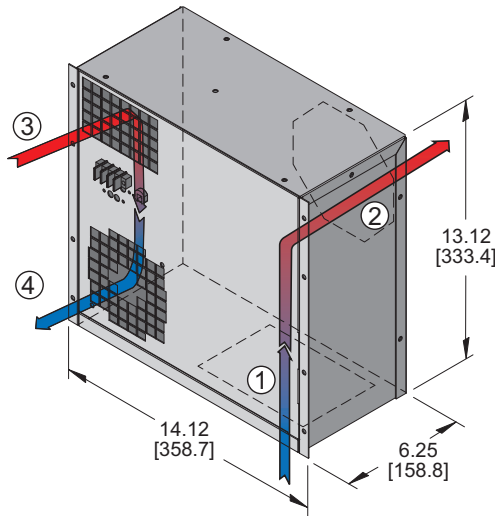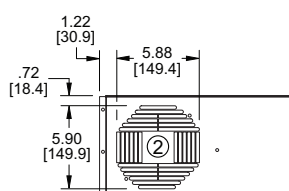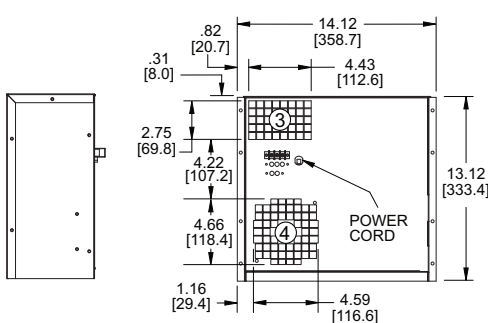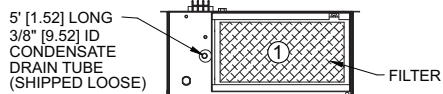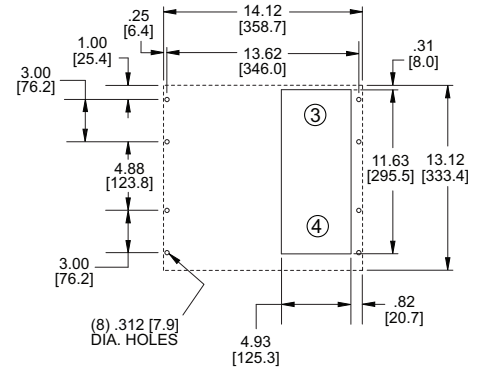*Find additional information on this model at kooltronic.com, or use the Technical Documents QR code below.*

Technical Documents

13.12 [333.4]

14.12 [358.7]

6.25 [158.8]

③

④

②

①

6.25 [158.8]

.75 [19.0]

TEMPERATURE ALARM TERMINAL BLOCK

.82 [20.7]
14.12 [358.7]
.31 [8.0]
4.43 [112.6]
2.75 [69.8]
4.22 [107.2]
13.12 [333.4]
4.66 [118.4]
POWER CORD
1.16 [29.4]
4.59 [116.6]
③
④
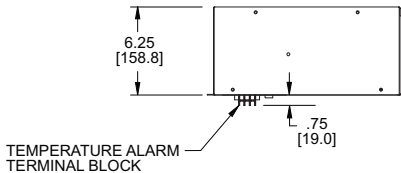
NOTE: REMOVE TOP PANEL TO ACCESS PROGRAMMABLE THERMOSTAT

1.22 [30.9]
.72 [18.4]
5.88 [149.4]
5.90 [149.9]
②

MOUNTING PLAN

.25 [6.4]
1.00 [25.4]
14.12 [358.7]
13.62 [346.0]
.31 [8.0]
3.00 [76.2]
4.88 [123.8]
11.63 [295.5]
13.12 [333.4]
3.00 [76.2]
③
④

(8) .312 [7.9] DIA. HOLES
4.93 [125.3]
.82 [20.7]

5' [1.52] LONG 3/8" [9.52] ID CONDENSATE DRAIN TUBE (SHIPPED LOOSE)
①
FILTER
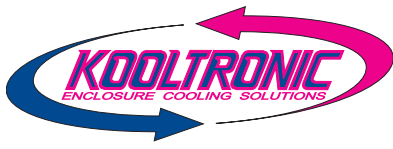
① CONDENSER AIR INLET (Ambient Air In)
② CONDENSER OUTLET (Warm Ambient Air Out)
③ WARM AIR RETURN FROM ENCLOSURE
④ COOL AIR OUTLET TO ENCLOSURE

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.

mm.qxd 6/01/23

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)*

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

Internal corrosion protection to increase reliability in hostile environments.

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

Remote monitoring for offsite 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.

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

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

Special paint finishes*

*Contact KOOLTRONIC for more information.

REPLACEMENT FILTERS

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