MICRO-MINI AIR-COOLED PANEL-MOUNTED AIR CONDITIONERS

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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
Mounting Hinge
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.

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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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]).