

# ACCESS SERIES DSP17 NEMA 12 & 3R AIR CONDITIONERS



Model	NEMA Rating	BTU/H Capacity	95/95 Rating BTU/H	Ambient Temp.		Volts	Hz	Running Amps	Approx. Weight	
				°F Max./Min	°C Max./Min				lbs.	kg.
KA4C1DSP17L	12,3R	1000	1171	122/-20	50/-29	115	60	3.64	34	15.42
K2A4C1DSP17L	12,3R	1000	1369	122/-20	50/-29	230	60	2.61	36	16.33
K2A4C1DSP17L	12,3R	1000	1281	122/-20	50/-29	230	50	2.12	36	16.33

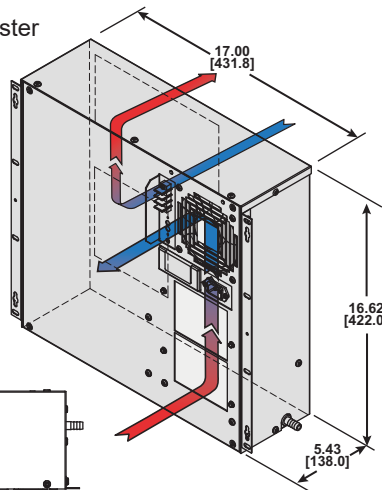
115V 60 Hz models perform at reduced capacity when operated at 100V 50 Hz.  
Rating shown is for operation at maximum ambient temperature.

## STANDARD FEATURES

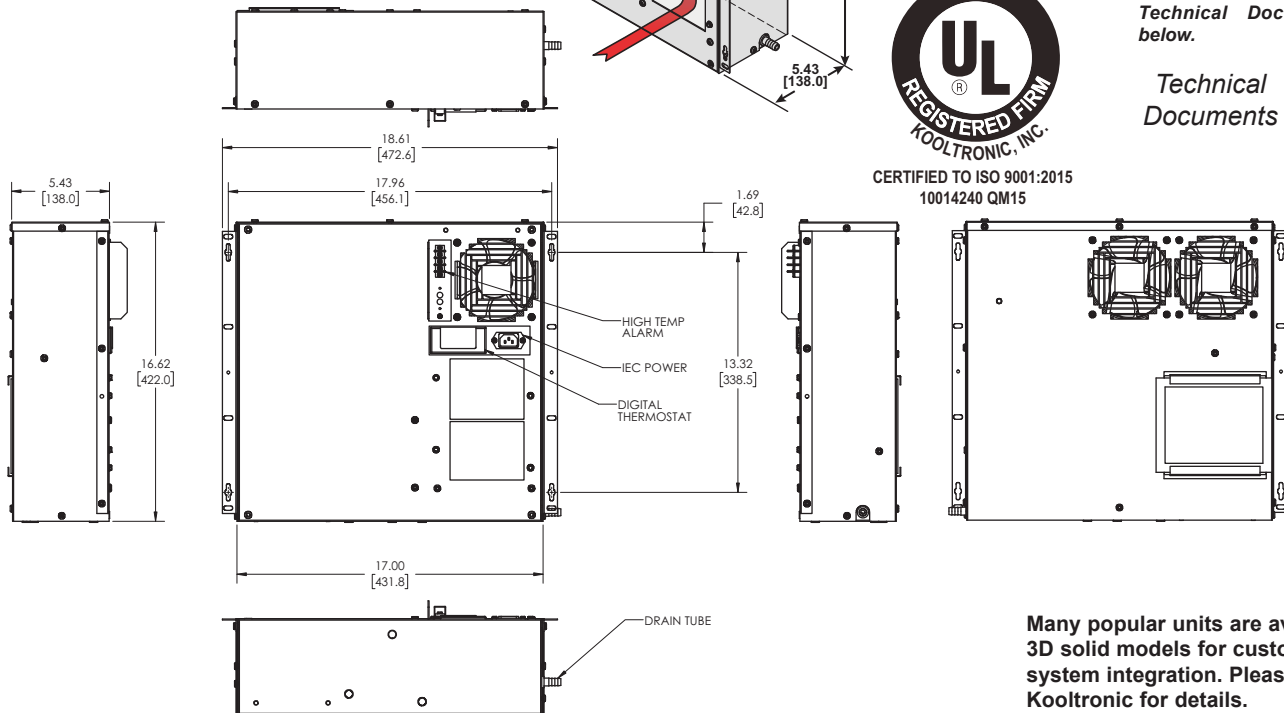
- Built-in Condensate Evaporator
- CFC-Free Refrigerant
- Closed-Loop Cooling
- Compact Design/Slim Mounting Footprints
- Compressor Short Cycle Protector
- Condenser Impeller Cycling Control
- Epoxy-Coated Evaporator and Condenser Coils
- Filter
- Heavy-duty Steel Shell with ANSI 61 Gray Polyester Powder Coating
- Internal Corrosion Protection
- NEMA 12 & 3R Rated (UL50)
- Programmable Temperature Alarm
- Programmable Thermostat
- Stainless Steel Shell
- UL/CUL Listed

## ACCESSORIES AND OPTIONS

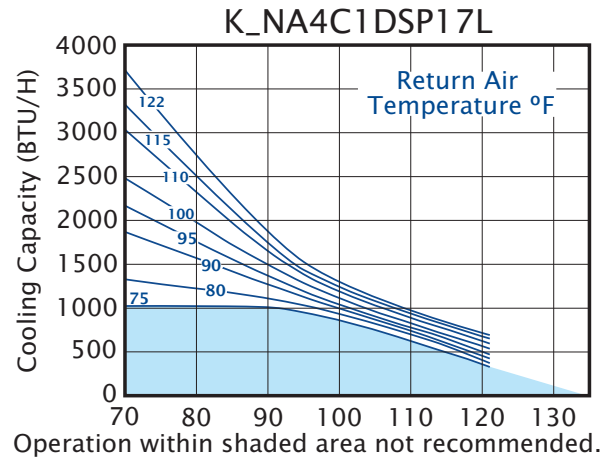
- Adapter
- Enclosure Heater
- Filter Recoating Adhesive
- Remote Monitoring
- Remote Thermostat Relay
- Replacement Filters



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



## PERFORMANCE



CERTIFIED TO ISO 9001:2015  
10014240 QM15

Ambient Temperature (°F)  
Condenser Airflow 121 CFM  
Evaporator Airflow 75 CFM

Find additional information on this model at [kooltronic.com](http://kooltronic.com), or use the Technical Documents QR code below.

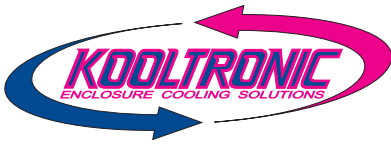
Technical Documents



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

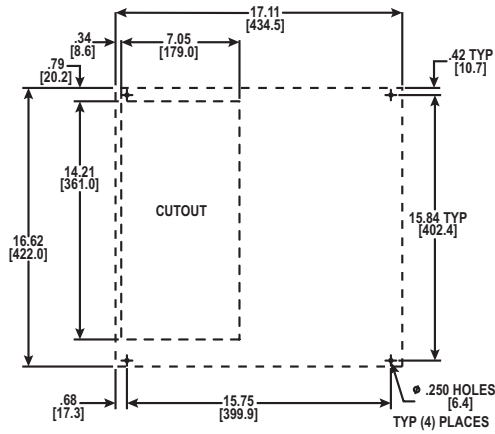
Dimensions, inches [mm], are for reference only and are subject to change.

dsp17l.qxd (10/23) (CDR: 20498)

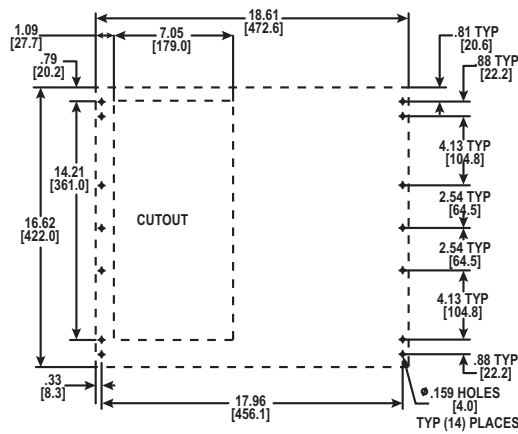


# ACCESS SERIES DSP17

## NEMA 12 & 3R AIR CONDITIONERS



MOUNTING PLAN: FRONT PANEL WITH RIVNUTS



MOUNTING PLAN: FRONT PANEL WITH L-BRACKETS

### DESCRIPTION

The **Access Series Air-Cooled Air Conditioners** are a new closed-loop enclosure cooling solution featuring an ultra-thin 5-inch depth. These models are specially engineered for self-service kiosks, ATMs and Digital Signage to improve operating efficiency and increase application longevity. The **Access Series** units are also suitable for mounting on doors of electrical enclosures found in many industrial applications.

The **Access Series** units are designed to meet a cooling capacity of 1,000 BTU/H and can be configured for applicable enclosure IP designations and voltage needs.

The **Access Series** models are constructed with galvanized steel U90 shell and offer, as an option, a heavy-duty steel shell with ANSI gray polyester powder coating. The **Access Series** models are rated NEMA 12 & 3R.

### FEATURES AND BENEFITS (STANDARD)

- All models UL/CUL Listed, a standard of safety.
- Built-in condensate evaporator eliminates the need for a drain (normal operation\*).
- CFC-free refrigerant provides a zero ozone depletion potential.
- Closed-loop cooling provides stable temperature control while excluding dust and humidity from the electrical enclosure.
- Narrow design allows mounting on lower cost, shallow enclosures.
- Compressor short cycle protector extends compressor life.
- Condenser impeller cycling provides stable capacity and temperature control.
- Condenser filtration to maintain peak thermal performance extends compressor life.
- Programmable thermostat capable of remote monitoring and control.
- Programmable temperature alarm to alert if early action is required.
- Internal corrosion protection to increase reliability in hostile environments.
- NEMA 12, 3R & 4 ratings for compatibility with listed electrical enclosures.
- Both evaporator and condenser coils are epoxy coated, prolonging unit life.

\* May not be adequate in extremely high humidity with open or leaky enclosure. Overflow condensate drain fitting and hose are included.

### FEATURES AND BENEFITS (OPTIONAL)\*

- Enclosure heater eliminates damaging condensation, increasing reliability of electrical enclosure components.
- Mounting adapter plates are offered to replace another manufacturer's unit.
- Remote monitoring provides temperature data for warning of early action required.
- Remote thermostat relay for control by a user-supplied control system.

#### Special paint finishes\*

\*Contact KOOLTRONIC for more information.

### REPLACEMENT FILTERS

The DSP17L Filter Part No. is 9501F (9.50" x 10.50" x 0.38" [241.3mm x 266.7mm x 9.7mm]).

