ACCESS SERIES DSP17
NEMA 12 & 3R AIR CONDITIONERS

NEMA TYPE 3R, 12 MAINTAINED

Model	NEMA Rating	BTU/H Capacity	95/95 Rating BTU/H	Ambient Temp. °F Max./Min	Ambient Temp. °C Max./Min	Volts	Hz	Running Amps	Approx. Weight 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.

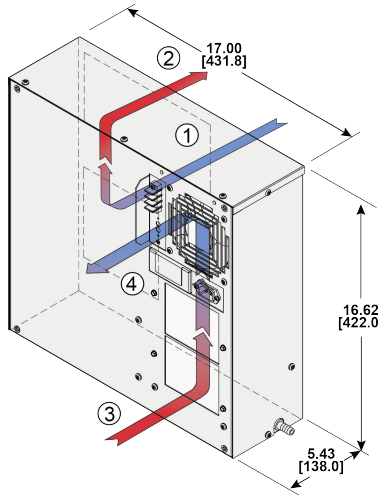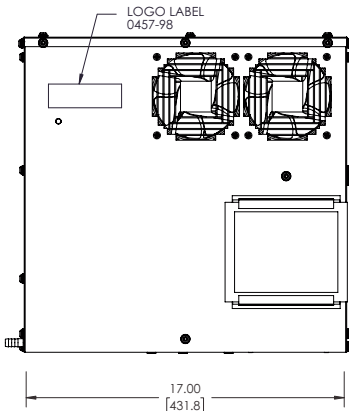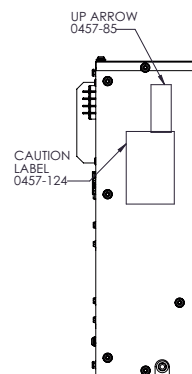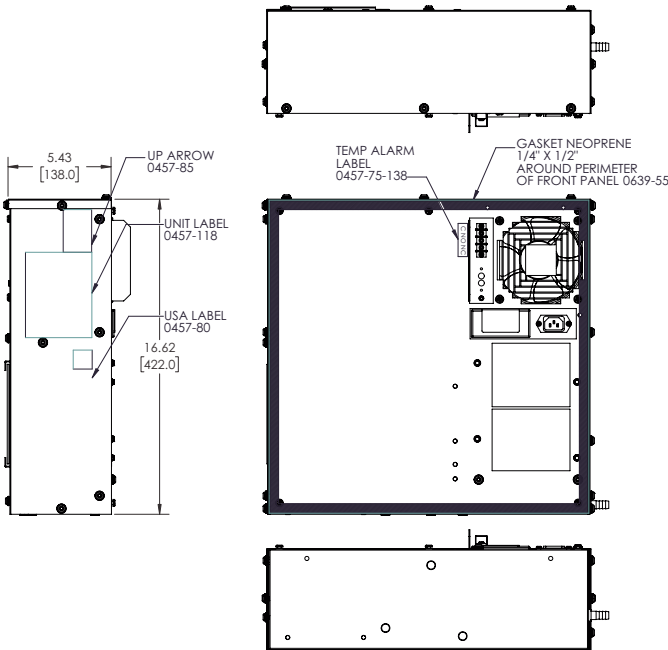## STANDARD FEATURES

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
NEMA 12 & 3R Rated (UL50)
Programmable Temperature Alarm
Programmable Thermostat
UL/CUL Listed

ACCESSORIES AND OPTIONS

Enclosure Heater
Replacement Filters
304 Stainless Steel Shell (NEMA 4 & 4X)
Remote Monitoring
Remote Thermostat Relay

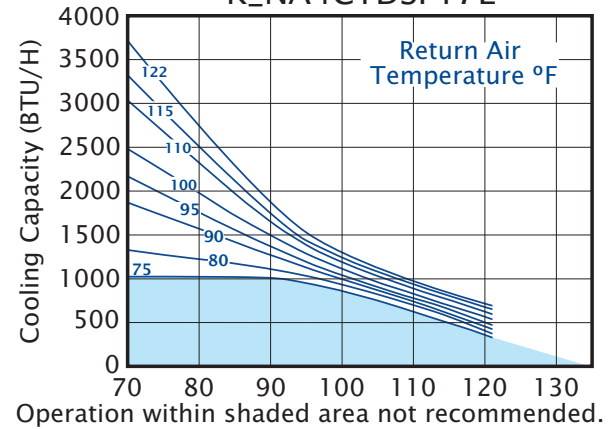① CONDENSER AIR INLET (Ambient Air In)
② CONDENSER OUTLET (Warm Ambient Air Out)
③ WARM AIR RETURN FROM ENCLOSURE
④ COOL AIR OUTLET TO ENCLOSURE

17.00 [431.8]
16.62 [422.0]
5.43 [138.0]

PERFORMANCE

K_NA4C1DSP17L

Operation within shaded area not recommended.

Ambient Temperature (°F)
Condenser Airflow 98.2 CFM*
Evaporator Airflow 75 CFM
*Airflow with filter.

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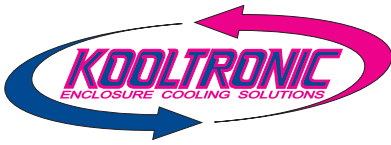
Technical Documents

TEMP ALARM LABEL 0457-75-138
GASKET NEOPRENE 1/4" X 1/2" AROUND PERIMETER OF FRONT PANEL 0639-55
UP ARROW 0457-85
UNIT LABEL 0457-118
USA LABEL 0457-80
5.43 [138.0]
16.62 [422.0]
UP ARROW 0457-85
CAUTION LABEL 0457-124
LOGO LABEL 0457-98
17.00 [431.8]

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 (10/24) (CDR: 20605)

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 DSP17* 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 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.

Compressor short cycle protector extends compressor life.

Condenser impeller cycling provides stable capacity and temperature control.

Epoxy-coated evaporator and condenser coils

Heavy-duty Steel Shell with powder-baked finish (ANSI 61 gray)

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 ratings for compatibililty 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.

** Not available if heater option is chosen.

FEATURES AND BENEFITS (OPTIONAL)*

Enclosure heater eliminates damaging condensation, increasing reliability of electrical enclosure components.

304 stainless steel shell (NEMA 4 & 4X)

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]).