

# SLIMKOOL SERIES SP36 480 VOLT 3-PHASE NEMA 4 or 4X AIR CONDITIONERS

Legacy products are no longer in normal production. Consult factory for availability. Recommended replacement: See *current models*.

| Model         | Nema Rating | BTU/H Rating | 95/95 Rating | Ambient Temp. |     |      |      | Volts | Hz | * Running Amps<br>131°F/131°F | Approx. Weight |     |
|---------------|-------------|--------------|--------------|---------------|-----|------|------|-------|----|-------------------------------|----------------|-----|
|               |             |              |              | °F            | °C  | Max. | Min. |       |    |                               | Lbs.           | Kg. |
| K3NA4C6SP36L  | 4           | 6000         | 5600         | 131           | -20 | 55   | -28  | 480   | 60 | 2.2                           | 110            | 50  |
| K3NA4C6SP36LV | 4X          | 6000         | 5600         | 131           | -20 | 55   | -28  | 480   | 60 | 2.2                           | 110            | 50  |
| K3NA4C8SP36L  | 4           | 8000         | 7500         | 131           | -20 | 55   | -28  | 480   | 60 | 2.7                           | 110            | 50  |
| K3NA4C8SP36LV | 4X          | 8000         | 7500         | 131           | -20 | 55   | -28  | 480   | 60 | 2.7                           | 110            | 50  |

\* Rating is shown 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 Protection  
Condenser Impeller Cycling Control  
Epoxy-Coated Evaporator and Condenser Coils  
Filter  
Heavy-duty Galvanized Steel Shell with ANSI 61  
Gray Polyester Powder Coating  
Internal Corrosion Protection  
NEMA 12, 3R & 4 Ratings Maintained (UL50)  
Phase Sequence/Phase Loss Detector/Under  
Voltage Monitor  
Programmable Temperature Alarm  
Programmable Thermostat  
Stainless Steel Shell (NEMA 4X Models)  
UL/CUL Listed

## ACCESSORIES AND OPTIONS

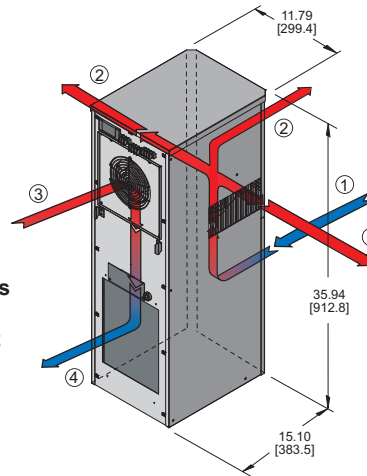
Adapter  
Enclosure Heater  
Filter Recoating Adhesive  
Remote Monitoring  
Remote Thermostat Relay  
Replacement Filters



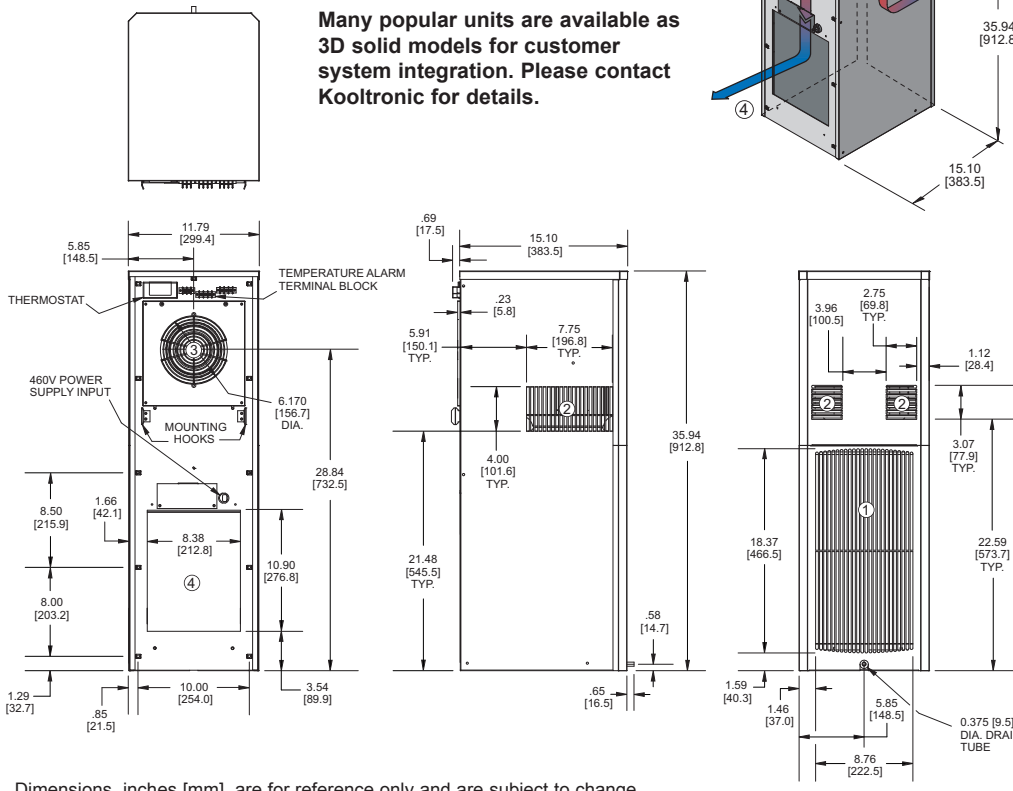
**NEMA  
TYPE 12, 3R AND 4  
MAINTAINED  
(4X OPTIONAL)**

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

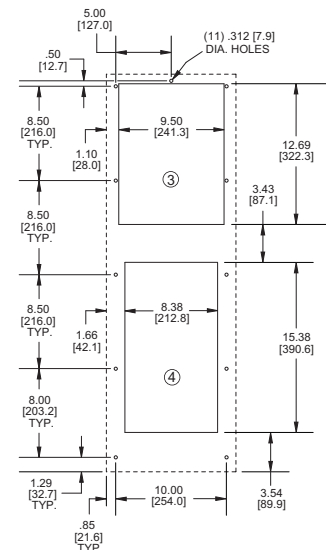
Technical Documents



- 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

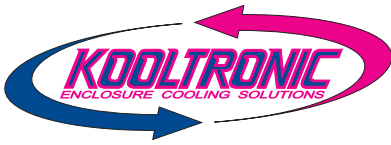


## MOUNTING PLAN



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

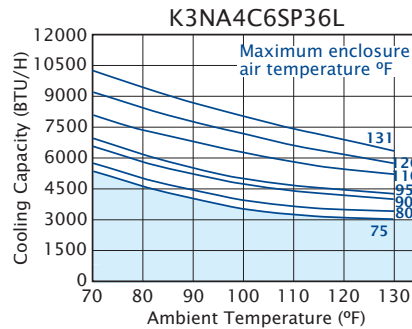
sp36/iv-d.qxd (10/23) (CDR: 20498)



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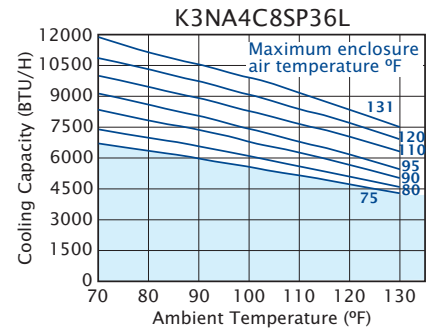


### PERFORMANCE



Operation within shaded area not recommended.

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Operation within shaded area not recommended.

### DESCRIPTION

The **SlimKool Series 480 Volt** Indoor/Outdoor Air Conditioners can be mounted on the exterior of shallow electrical enclosures common in the industry today. The Kooltronic **SlimKool Series 480 Volt** consists of compact models with a standard width of 11.79 inches, and a standard depth of 15.1 inches. These models offer capacities of 6000 and 8000 BTU/H, and can operate in ambient temperatures between -20 and 131°F.

With epoxy-coated coils and tubing, the closed-loop cooling system of the **SlimKool Series** offers added security by providing an operating environment safe from harsh ambient conditions.

The **SlimKool Series 480 Volt** models are equipped with a programmable thermostat, allowing more accurate and versatile performance features, giving the **SlimKool Series** an edge over competitor's models.

The **SlimKool Series 480 Volt** models are constructed of 18 gauge (or heavier) galvanized steel, and painted with a polyester powder coating. These models are rated NEMA 12, 3R and 4. NEMA 4X protection is offered with a stainless steel shell.

### 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-cycling protection 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.

Stainless steel shell for NEMA 4X corrosive environments.

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 SP36L 480 Volt Filter Part No. is 9502F (9.50" x 18.50" x 0.50" [241.3mm x 469.9mm x 12.7mm]).