

GUARDIAN & GUARDIANX DP47 NEMA 4 or 4X AIR CONDITIONERS

Model	NEMA Rating	Normally In Stock	UL/CUL Listed or Recognized	BTU/H Capacity	95/95 Rating BTU/H	Ambient Temp. °F Max./Min.	Volts	* Hz	** Running Amps	Approx. Weight (lbs.)
KNA4C9DP47L	4	Yes	Listed	9000	7400	131/-20	115/100	60/50	19.2/19.2	135
K2NA4C9DP47L	4	Yes	Listed	9000	7400	131/-20	230/200	60/50	9.0/9.0	135
KNA4C9DP47LV	4X	Yes	Listed	9000	7400	131/-20	115/100	60/50	19.2/19.2	135
K2NA4C9DP47LV	4X		Listed	9000	7400	131/-20	230/200	60/50	9.0/9.0	135

* 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

- Baked Powder Finish (NEMA 4 models)
- Built-in Condensate Evaporator
- CFC-Free Refrigerant
- Closed-Loop Cooling
- Compressor Short Cycle Protector
- Condenser Impeller Speed Controller
- Epoxy-Coated Condenser and Evaporator Coils
- Filter
- Heavy-duty Steel Shell (NEMA 4 models)
- Internal Corrosion Protection (NEMA 4X models)
- NEMA 4 or 4X Rating Maintained (UL50)
- Programmable Temperature Alarm
- Programmable Thermostat Available
- Six-Foot [1.8m] (minimum) 3-Wire Power Cord
- Stainless Steel Shell (NEMA 4X models)
- UL/CUL Listed

ACCESSORIES AND OPTIONS

- Enclosure Heater
- Filter Recoating Adhesive
- Lead-Lag Controller
- Remote Monitoring
- Remote Thermostat Relay
- Replacement Filters
- Special materials or finishes
- Special motors, line cords or connectors



**NEMA
TYPE 4 OR 4X
MAINTAINED**



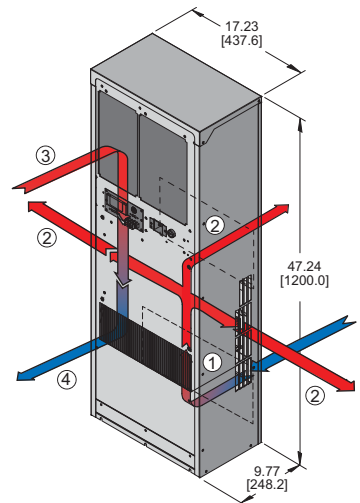
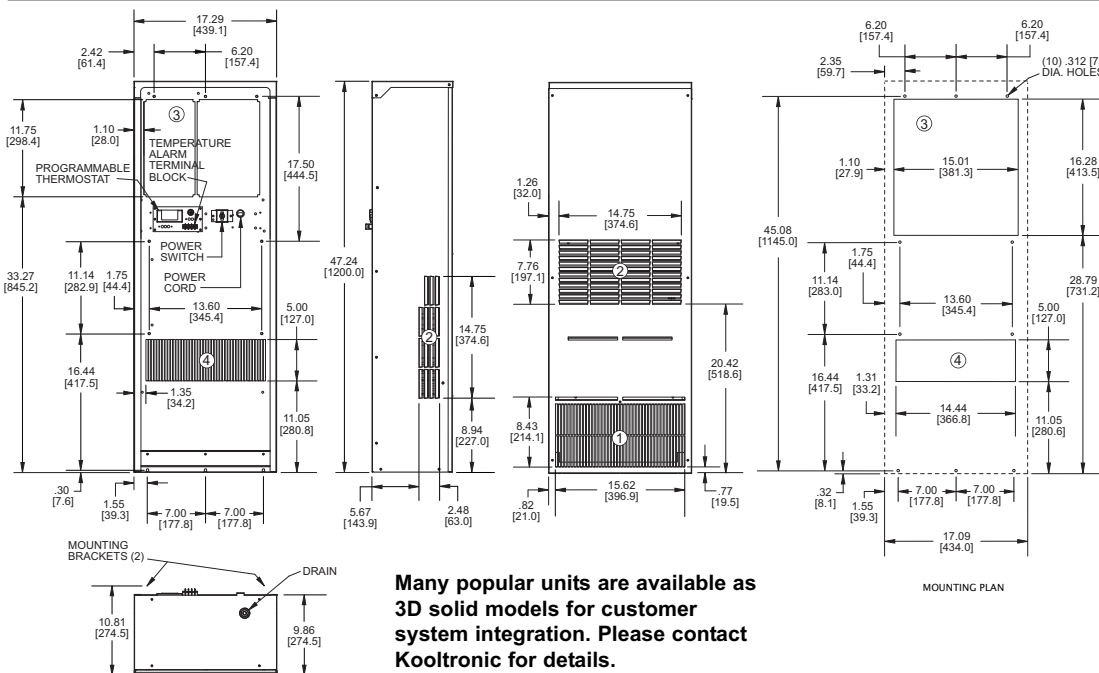
Find additional information on this model at kooltronic.com, or use the Technical Documents QR code below.

Technical Documents



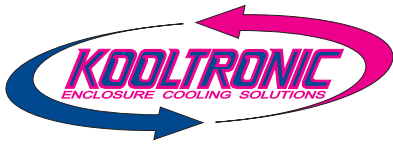
- CONDENSER AIR INLET (Ambient Air In)
- CONDENSER OUTLET (Warm Ambient Air Out)
- WARM AIR RETURN FROM ENCLOSURE
- COOL AIR OUTLET TO ENCLOSURE

DRAWINGS



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

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GUARDIAN & GUARDIANX DP47 NEMA 4 or 4X AIR CONDITIONERS

DESCRIPTION

The **Guardian/GuardianX** Indoor/Outdoor Air Conditioners are designed specifically for **NEMA 4** and **4X** enclosure applications that require washdown or are subject to outdoor storm conditions. All **Guardian** models have a **NEMA 4** Rating, offering protection against the hazards of unwanted environmental penetration. The **GuardianX**, with the **NEMA 4X** Rating, is offered with a Stainless Steel Shell and Internal Corrosion Protection.

With Epoxy-coated condenser coils and a closed-loop cooling system, the **Guardian Series** offers added security by providing an operating environment safe from harsh ambient conditions.

The features engineered into all of the **Guardian Series** models make them a tamper-resistant choice for external applications. Combined with a NEMA 4 Rating, with all models UL/CUL Listed, the **Guardian Series** is an excellent choice for telecommunications or other outdoor cabinet applications.

FEATURES AND BENEFITS (STANDARD)

- All models UL and 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.
- Condenser filtration to maintain peak thermal performance extends compressor life.
- Internal corrosion protection to increase reliability in hostile environments.
- NEMA 12, 3R & 4 ratings for compatibility with listed electrical enclosures.
- Programmable thermostat capable of remote monitoring and control is available.
- Programmable temperature alarm to alert if early action required.
- Stainless steel shell for NEMA 4X corrosive environments (NEMA 4X models).
- 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.
- Lead-lag control for two air conditioners provides for capacity control, and alternates usage, increasing reliability.
- 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.

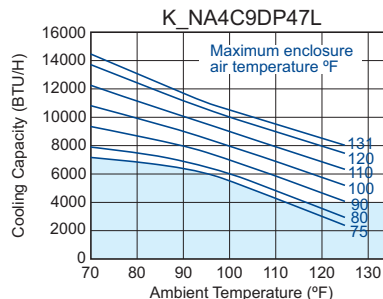
*Contact KOOLTRONIC for more information.

REPLACEMENT FILTERS

The DP47L-LV filter Part No. is 8001F (8.00" x 16.00" x 0.38" [203.2mm x 406.4mm x 9.7mm]).



PERFORMANCE



Operation within shaded area not recommended.