

# GUARDIAN/GUARDIANX SERIES DP60 480 VOLT 3-PHASE NEMA 4 or 4X AIR CONDITIONERS

| Model          | NEMA Rating | UL/CUL Listed or Recognized | BTU/H Rating | 95/95 Rating | Ambient Temp. |      |      |      | Volts | Hz | * Running Amps | Weight lbs | kg  |
|----------------|-------------|-----------------------------|--------------|--------------|---------------|------|------|------|-------|----|----------------|------------|-----|
|                |             |                             |              |              | °F            |      | °C   |      |       |    |                |            |     |
|                |             |                             |              |              | Max.          | Min. | Max. | Min. |       |    |                |            |     |
| K3NA6C26DP60L  | 4           | Listed                      | 26000        | 22800        | 131           | -20  | 55   | -29  | 480   | 60 | 7.4            | 262        | 119 |
| K3NA6C26DP60LV | 4X          | Listed                      | 26000        | 22800        | 131           | -20  | 55   | -29  | 480   | 60 | 7.4            | 262        | 119 |

\* Rating shown is for operation at maximum ambient temperature.

## STANDARD FEATURES

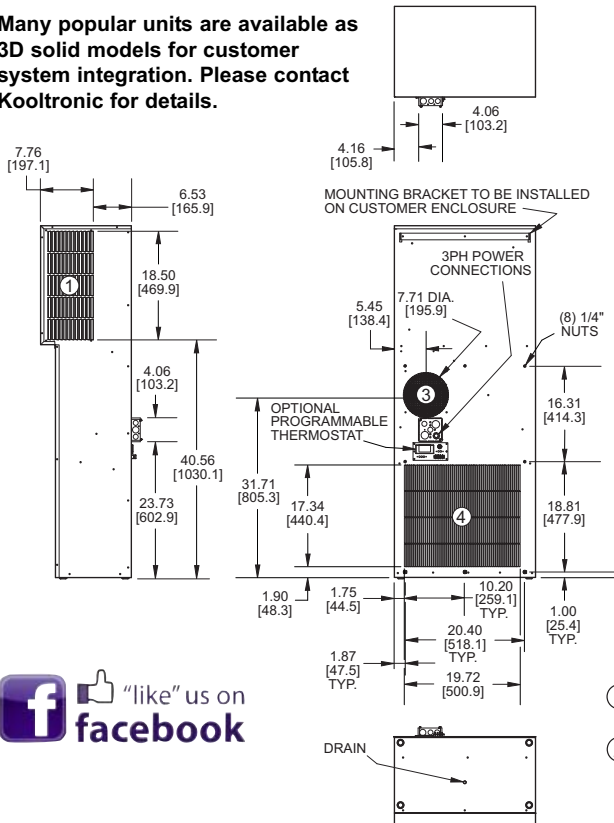
- Baked Powder Finish (NEMA 4 models)
- Closed-Loop Cooling
- Condenser Blower Controller
- Epoxy-Coated Condenser Coils
- External junction box for permanent wiring connections
- Filters (2)
- Heavy-duty Steel Shell
- Internal Corrosion Protection (NEMA 4X models)
- Low Temperature Control Thermostat
- NEMA 4 or 4X Rating Maintained (UL50)
- Stainless Steel Shell (NEMA 4X models)
- UL/CUL Listed
- Zero ODP Refrigerant

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.



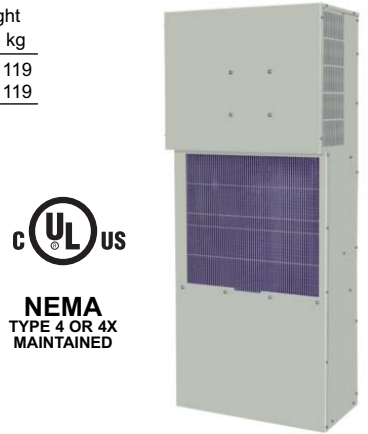
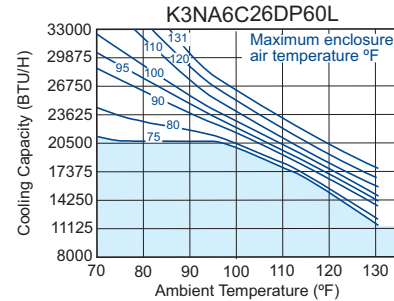
## ACCESSORIES AND OPTIONS

- Compressor Short Cycle Protector\*
- Enclosure Heater
- Filter Recoating Adhesive
- Lead-Lag Controller
- Programmable Temperature Alarm
- Programmable Thermostat Available
- Remote Monitoring\*\*
- Remote Thermostat Relay
- Replacement Filters
- Special paint finishes
- Temperature Alarm

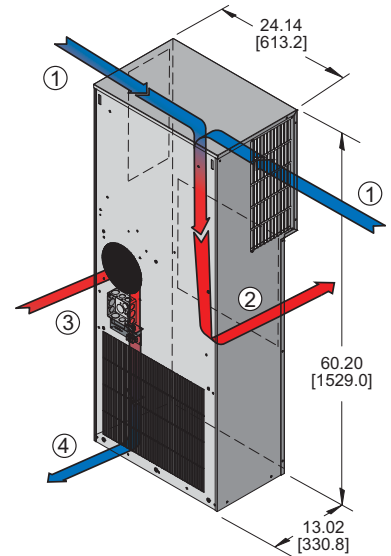
\* Standard Feature on models with a Programmable Thermostat

\*\* Optional Feature for models with a Programmable Thermostat

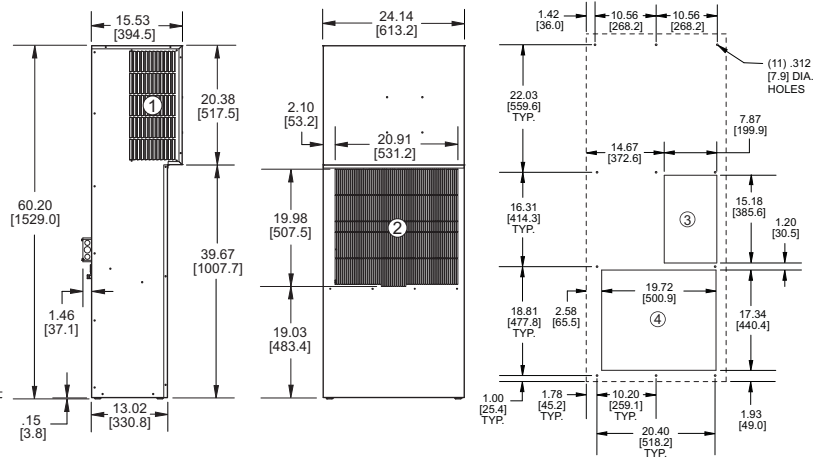
## PERFORMANCE



NEMA TYPE 4 OR 4X MAINTAINED



Operation within shaded area not recommended.



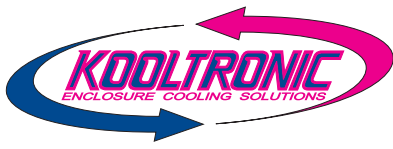
MOUNTING PLAN

- 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

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

dp60-lv.qxd 5/8/17





# GUARDIAN/GUARDIANX SERIES DP60 480 VOLT 3-PHASE NEMA 4 or 4X AIR CONDITIONERS

## DESCRIPTION

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The **Guardian/GuardianX** Indoor/Outdoor Air Conditioners are designed specifically for **NEMA 4** or **4X** enclosure applications that require washdown or are subject to outdoor storm conditions. All **Guardian** models have a **NEMA 4** Rating. The **GuardianX**, with the **NEMA 4X** Rating, is offered with a Stainless Steel Shell and Internal Corrosion Protection. These Air Conditioners have been engineered to operate under the most demanding industrial applications. The components used in these models have been specially designed and tested to maintain cooling efficiency in temperature controlled enclosures in bottling plants, the automotive industry and other commercial/manufacturing applications.

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

The features engineered into all of the **Guardian/GuardianX 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)

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All models UL/CUL Listed, a standard of safety.

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.

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.

Low Temperature Control Thermostat provides energy-efficient operation.

NEMA 12, 3R & 4 ratings for compatibility with listed electrical enclosures.

Stainless steel shell for NEMA 4X corrosive environments (NEMA 4X models).

Both evaporator and condenser coils are epoxy coated, prolonging unit life.

## FEATURES AND BENEFITS (OPTIONAL)\*

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Compressor short-cycling protection extends compressor life. (Standard Feature on models with a Programmable Thermostat).

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.

Programmable thermostat capable of remote monitoring and control is available.

Programmable temperature alarm to alert if early action required.

Remote monitoring provides temperature data for warning of early action required. (Optional Feature on models with a Programmable Thermostat).

Remote thermostat relay for control by a user-supplied control system.

Special paint finishes.

\*Contact KOOLTRONIC for more information.

## REPLACEMENT FILTERS

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The DP60L filter Part No. is 19381F (9.25" x 19.38" x 0.34" [235.0mm x 492.2mm x 8.6mm]). The **Guardian Series DP60L** uses two filters.