



GUARDIAN & GUARDIANX DP52 NEMA 4 or 4X AIR CONDITIONERS



TECHNICAL DATA

Model	NEMA Rating	UL/CUL Listed or Recognized	BTU/H Capacity	95/95 Rating BTU/H	Ambient °F Max./Min	Temp. °C Max./Min	Volts	Hz	Running Amps	Approx. Weight lbs. kg.
K3NA5C7DP52L	4	Listed	7000	6962	131	-20	480	60	4.36	180 81.6
K3NA5C7DP52LV	4X	Listed	7000	6962	131	-20	480	60	4.36	180 81.6

Rating shown is for operation at maximum ambient temperature.

STANDARD FEATURES

- Baked Powder Finish (NEMA 4 models)
- Closed-Loop Cooling
- Compressor Short Cycle Protector
- Condenser Blower Controller
- Epoxy-Coated Condenser and Evaporator Coils
- Filters (1)
- Heavy-duty Steel Shell (NEMA 4 models)
- Internal Corrosion Protection (NEMA 4X models)
- NEMA 4/4X Rating (UL50)
- IPX6 (IEC 60529)
- Programmable Temperature Alarm
- Programmable Thermostat
- External Junction Box for permanent Wiring Connections
- Stainless Steel Shell (NEMA 4X models)
- UL/CUL Listed
- Zero ODP Refrigerant
- Low GWP Refrigerant

ACCESSORIES AND OPTIONS

- Adapter
- Bluetooth Thermostat
- Internal Corrosion Protection (NEMA 4 models)
- Remote Monitoring
- Remote Thermostat Relay
- Replacement Filters
- Special materials or finishes
- Special motors, line cords or connectors



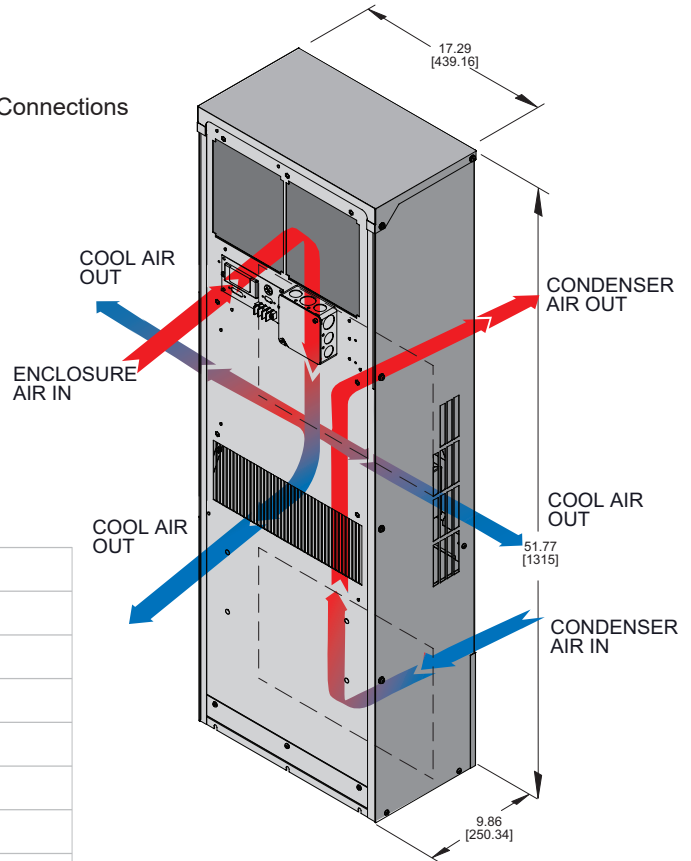
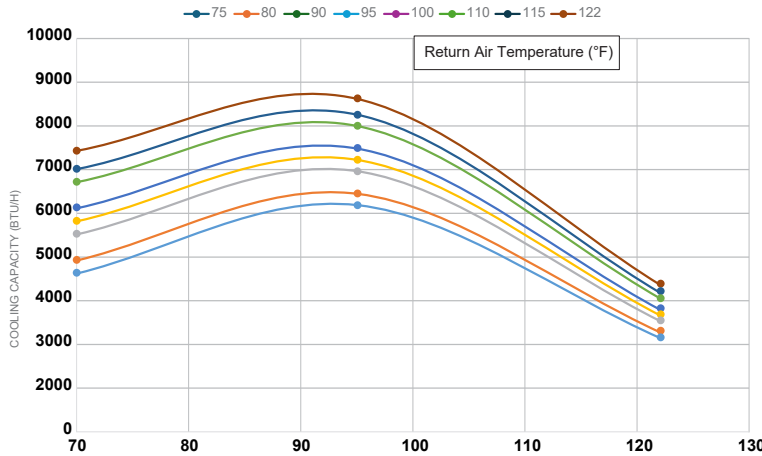
Find additional information on this model at kooltronic.com, or use the Technical Documents QR code below.

Technical Documents



PERFORMANCE CHART

K3NA5C7DP52L (V)
CONDENSER AIRFLOW 479 CFM
EVAPORATOR AIRFLOW 296 CFM



NEMA DP52 (1/26) (CDR: 20676)



GUARDIAN & GUARDIANX DP52 NEMA 4 or 4X AIR CONDITIONERS



DESCRIPTION

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.

FEATURES AND BENEFITS (STANDARD)

- 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.
- 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.
- Internal corrosion protection to increase reliability in hostile environments.
- NEMA 4/4X Protection for compatibility with listed electrical enclosures.
- IPX6 rating 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.

FEATURES AND BENEFITS (OPTIONAL)*

- 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 DP52 filter Part No. is 8001F dimensions are 8" X 16" X 3/8". The Guardian Series DP52 uses one filter.

DRAWINGS

