

These units are discontinued, and this information is presented for reference purposes only.

Recommended replacement: See *Guardian/GuardianX* or *SlimKool Series* or *current TrimLine Series*.

TECHNICAL DATA

Model	UL/CUL		BTU/H				Ambient Temp.				Volts	Hz	** Running Amps	Approx. Weight	
	Normally In Stock	Listed or Recognized	Rating	95/95 Rating	°F		°C		lbs	kg					
					Max.	Min.	Max.	Min.							
K2A3C26DP60L	Yes	Listed	26000	23000	131	-20	55	28.8	230	60	19.4	262	119		

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

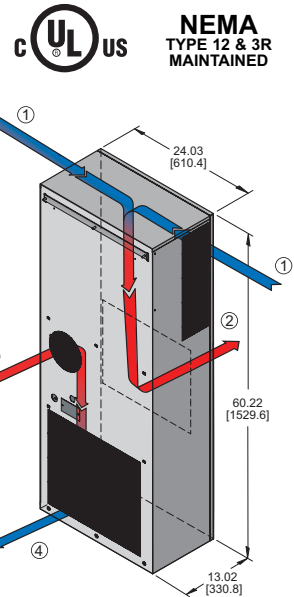
STANDARD FEATURES

- Closed-Loop Cooling
- Condenser Blower Controller
- Epoxy-Coated Condenser Coil
- EMI/RFI Suppressor
- Filter
- Heavy-duty Steel Shell
- Low Temperature Control Thermostat
- Mounts Externally
- NEMA 12 & 3R Ratings Maintained (UL50)
- Textured Baked Powder Finish
- UL/CUL Listed

ACCESSORIES AND OPTIONS

- Cooling Effect Detector
- Enclosure Heater
- Filter Recoating Adhesive
- Internal Corrosion Protection
- Other voltages and frequencies
- Remote Thermostat Relay
- Replacement Filters
- Special materials or finishes
- Stainless Steel Shell

DISCONTINUED

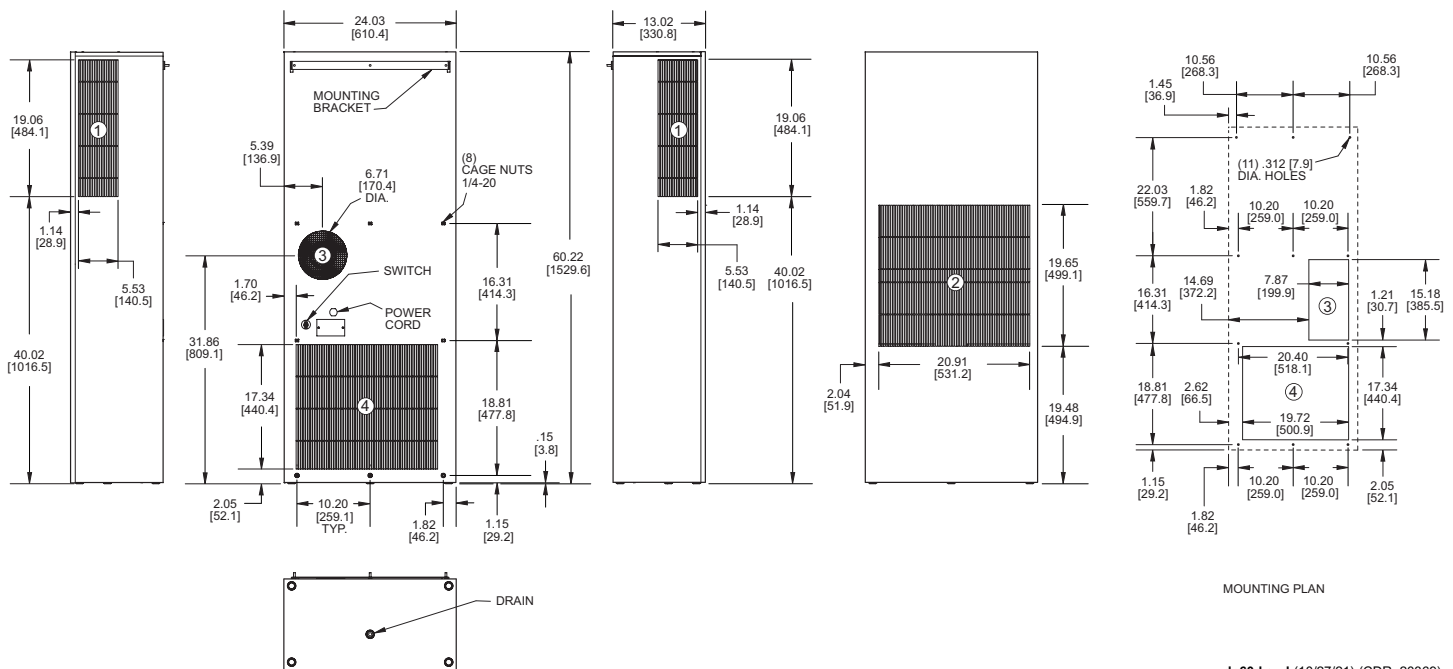


UL US
NEMA
TYPE 12 & 3R
MAINTAINED

- 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

DRAWINGS

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



MOUNTING PLAN

dp60d.qxd (10/27/21) (CDR: 20369)

DESCRIPTION

The **Profile Series** Air Conditioners are designed specifically for cooling electronic enclosures and can be used for both indoor and outdoor applications. The features engineered into all of the **Profile Series** models make them a tamper-resistant choice for external applications. Combined with a NEMA 12 & 3R Rating, with all models UL/CUL Listed, the **Profile Series** is an excellent choice for telecommunications or other outdoor cabinet applications.

STANDARD FEATURES

CLOSED-LOOP COOLING: The enclosure interior airflow system is isolated from the ambient airflow system. Ambient air can not invade the cool, dehumidified sensitive component compartment.

MOUNTS EXTERNALLY: The **Profile Series** Air Conditioners have been engineered to be mounted outside of an enclosure. The **Profile Series** is the thinnest line of indoor/outdoor air conditioners Kooltronic has ever developed.

TEXTURED BAKED POWDER FINISH: Durable, baked-on textured beige powder finish is standard. Other finishes are available.

POWER: Available in 230 Volt, 60 Hz.

EMI/RFI SUPPRESSOR: EMI/RFI Suppressor minimizes line spikes during on/off cycling.

FILTERS: Multi-layer grid of sturdy, corrugated aluminum in an aluminum frame. May be reused after washing off accumulations and spraying with A-16 Recoating Adhesive.

HEAVY-DUTY STEEL SHELL: Precision-engineered heavy gauge steel construction of all shells and blowers insures Air Conditioners will stand up under tough applications.

LOW TEMPERATURE CONTROL THERMOSTAT: Thermostatic Low Temperature Control prevents over-cooling and provides energy-efficient operation.

REFRIGERANT: Low-ODP R22 Refrigerant is used in the **Profile Series** DP53 Air Conditioners.

ELECTRONIC CONDENSER IMPELLER SPEED CONTROLLER: A speed control sensing bulb located in the condenser air outlet area switches the condenser impeller between minimum and maximum speed based on the ambient temperature. This reduces noise levels, fan cycling, compressor cycling and prevents the unit from freezing.

INSULATION: All cold components, lines and the evaporator compartment are insulated with high-performance insulation for maximum efficiency.

GASKETING: All units are fully gasketed for tight, leakproof installation, in compliance with the NEMA 3R Enclosure Rating.

QUALITY ASSURANCE: Refrigeration system components are kept sealed until charged with refrigerant; all brazed joints are thoroughly leak-tested; each unit is functionally tested before shipment.

UL/CUL LISTED: The **Profile Series DP60** is UL/CUL Listed.

ACCESSORIES AND OPTIONS*

COOLING EFFECT DETECTOR: A thermostat is mounted inside the cabinet and attached to a sensor in the warm air return. When the air temperature increases to the set point, a signal is sent to a terminal block. User-installed wiring from the terminal block to local and/or remote warning devices (*light, bell, siren, etc.*) can be for normally open or normally closed operation.

ENCLOSURE HEATER: 120V or 240V fin strip heater, installed singly or ganged, used to maintain desired internal enclosure temperature, under cold operating conditions.

FILTER RECOATING ADHESIVE: This compound is a superior product for recoating filters after washing. The adhesives penetrate dirt layers to keep the filter surface tacky for longer effective performance between washings.

REPLACEMENT FILTER: Filter consisting of a multi-layer grid of sturdy corrugated aluminum, securely held in a one-piece aluminum frame.

The DP60 filter Part No. 6502F (6.50" x 20.25" x 0.38" [165mm x 514mm x 9.7mm])

STAINLESS STEEL SHELL: For applications in corrosive or other hostile environments such as those requiring Internal Corrosion Resistant Coatings, especially where chemical/moisture combinations are present.

Other voltages and frequencies*

Special materials or finishes*

*Contact KOOLTRONIC for more information.

PERFORMANCE

