GUARDIAN/GUARDIANX SERIES
NEMA 4 or 4X FILTER FANS KNP315FL



TECHNICAL DATA

Model	Airflow Direction	NEMA Rating	Voltage	Input Amps	Input Watts	Max Airflow CFM*	Unit Airflow CFM**	Noise db(A)	Operating Temp. °F		Approx. Weight	
									Min.	Max	Lbs.	Kg.
KNP315FL	Intake	4	115	1.45	175	663	616	62	-40	122	46	20.9
KNP315RFL	Exhaust	4	115	1.45	175	663	616	64	-40	122	46	20.9
K2NP315FL	Intake	4	230	0.7	160	493	486	78	-40	158	46	20.9
K2NP315RFL	Exhaust	4	230	0.7	160	493	486	78	-40	158	46	20.9
KNP315FLV	Intake	4X	115	1.45	175	663	616	62	-40	122	46	20.9
KNP315RFLV	Exhaust	4X	115	1.45	175	663	616	64	-40	122	46	20.9
K2NP315FLV	Intake	4X	230	0.7	160	493	486	78	-40	158	46	20.9
K2NP315RFLV	Exhaust	4X	230	0.7	160	493	486	78	-40	158	46	20.9

c UL us **NEMA** Type 4/4X Maintained

* Fan airflow without filter and grille.
** NEMA Rated if installed with provided filter.

STANDARD FEATURES

- Baked Powder Finish
- Integrated Fan Guards
- Integrated Sealing Gasket
- IP55 Filter Protection
- NEMA 4 or 4X Rating Maintained (if used with provided filter)
- Secure Mounting
- Six foot [1.8m] (minimum) 3-wire power cord
- Stainless Steel Shell (NEMA 4X models)
- UL Shielded Ball Bearing Motors
- UL/CUL Listed
- Washable, Reuseable Filter

ACCESSORIES AND OPTIONS

- Other voltages and frequencies
- Reversed Airflow Direction
- To order reversed airflow, add "R" after the series number. Example: KNP315RFL
- Replacement Filters (P/N: 0429-01-08)
- Stainless Steel Shell
- Filter Hood Assembly, Painted (Recommended) P/N: KNPA355FL
- Filter Hood Assembly, Stainless Steel (Recommended) P/N: KNPA355FLV

For general ventilating use only. Do not use these fans to exhaust hazardous or explosive material or vapors.
NOT ALL SYSTEMS ARE SUITABLE FOR UTILIZING OUTSIDE AIR. To protect sensitive components against condensation an enclosure heater or closed-loop cooling is recommended. To protect sensitive components against corrosive elements closed-loop cooling is recommended.

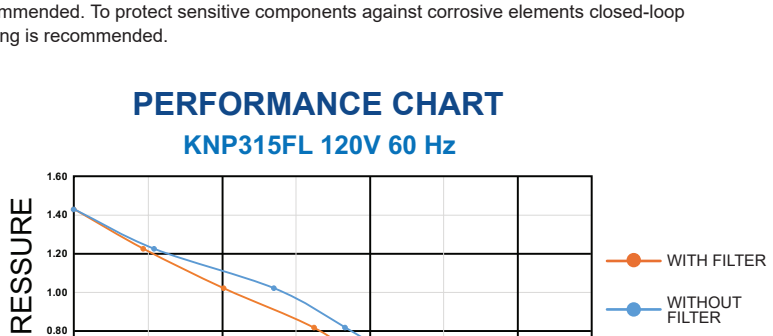
Find additional information on this model at kooltronic.com, or use the Technical Documents QR code below.

Technical Documents

KOOLTRONIC, INC. UL REGISTERED FIRM ISO 9001:2015

PERFORMANCE CHART

KNP315FL 120V 60 Hz



Airflow vs. static pressure curve is shown for 60 Hz (solid line) inputs. Static pressure is in inches of water.

Kooltronic, Inc., 30 Pennington-Hopewell Road, P.O. Box 240, Pennington, NJ 08534-0240
Tel: (609) 466-3400 Fax: (609) 466-1114 kooltronic.com sales@kooltronic.com

GUARDIAN/GUARDIANX SERIES
NEMA 4 or 4X FILTER FANS KNP315FL

DESCRIPTION

Kooltronic has expanded its line of filter fans to include models offering the versatility and security of indoor or outdoor use. All ***Guardian Series Filter Fans*** have a ***NEMA 4*** Rating. The ***GuardianX Series Filter Fans***, with a ***NEMA 4X*** Rating, are offered with a Stainless Steel Shell. The ***Guardian/GuardianX Series Indoor/Outdoor Filter Fans*** are a perfect choice for dissipating high heat loads economically. These models are available in a variety of sizes, voltages and protection levels.

The new ***Guardian/GuardianX Series Filter Fans*** offer the same convenience, versatility and reliability as the Advantage Series Filter Fans with the added protection of a NEMA 4 or 4X Rating, making these models an excellent choice for telecommunications and other outdoor applications.

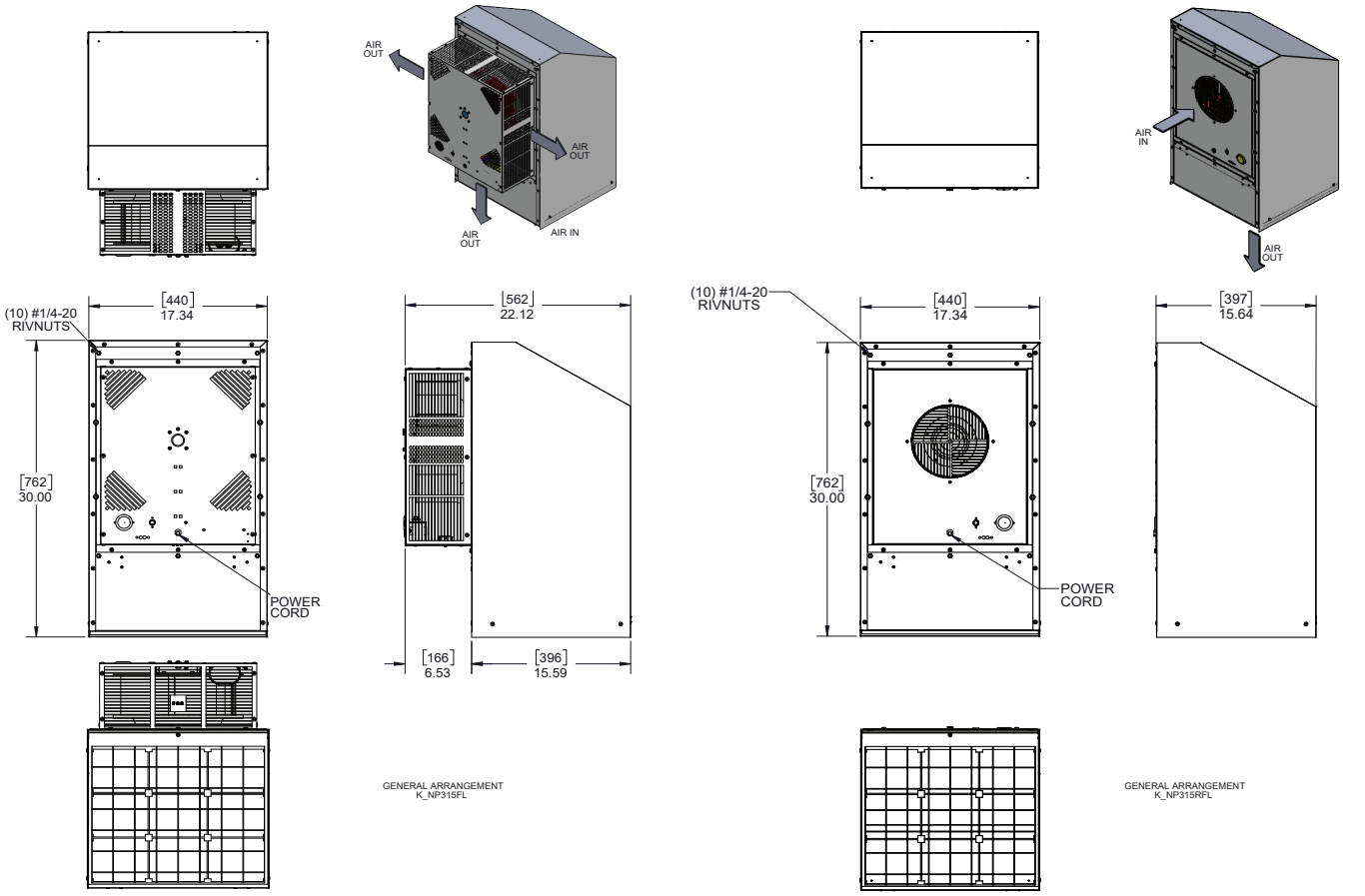
COMPONENT CHARACTERISTICS

- Standard airflow direction is from the outside to the inside of the cabinet.
- Filters are stable up to 100ºC and 100% rh. (Filters are necessary in order to maintain NEMA 4 or 4X Rating).
- Filters guarantee a continuously high level of protection according to EU4, with a 94% separation efficiency according to DIN 24185 Standard.
  NOTE: Filter media is washable about 10 times.
- With filters, dust capacity is particularly high (620 g/m2), which reduces maintenance.

ACCESSORIES AND OPTIONS

- Other voltages and frequencies
- Reversed Airflow Direction
- To order reversed airflow, add "R" after the series number.
  Example: KNP315RFL
- Replacement Filters (P/N: 0429-01-08)
- Stainless Steel Shell
- Filter Hood Assembly, Painted (Recommended) P/N: KNPA355FL
- Filter Hood Assembly, Stainless Steel (Recommended) P/N: KNPA355FLV

DRAWINGS



HOW TO ORDER

Specify model number.

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

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