DGAPAXX
Infinity® Germicidal Air Purifier
Sizes 1620, 1625, 2020, 2025, 2420

Carrier
turn to the experts™

Product Data

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LISTED

CAPTURES KILLS™
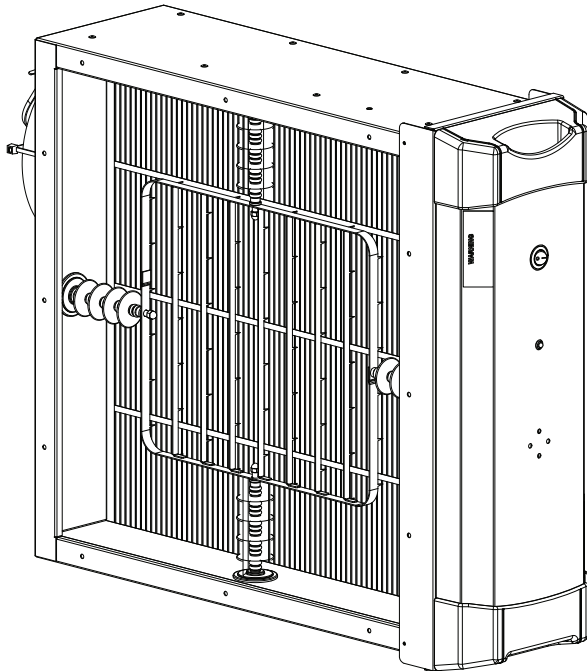
The Infinity® Air Purifier is designed for use in the return air duct of a forced air heating, cooling, and ventilation system.

It combines superior filtration efficiency, MERV 15, with pathogen−killing technology to deliver maximum air purification.

The Infinity® Air Purifier is designed to require minimal maintenance. Maintenance is limited to the replacement of the air purification cartridge and inspection/brush cleaning of the ionization array. Frequency of air purifier cartridge replacement and cleaning of the ionization array may vary depending on ductwork design and local environmental conditions.

FEATURES / BENEFITS

Filtration Performance—High efficiency MERV 15.

Germicidal Performance — 96% germicidal/deactivation of human influenza virus, common cold virus and streptococcus bacteria.

Simple—Virtually no cleaning required. Simply change purifier cartridge periodically.

Easy to Install—Five distinct cabinet sizes help to ensure a perfect fit to the bottom and side of most fan coils and furnaces. Includes power cords.

Application Possibilities—Unit can be installed in a horizontal or vertical position, which makes it equally adaptable to horizontal, downflow, or standard upflow applications.

Solid−State Power Supply—Power supply is a highly reliable, dual voltage compatible, state−of−the−art, solid−state device.

Durable Cabinet—Heavy−gauge steel cabinet supports up to 400 lb when installed beneath a fan coil.

Agency Listed—Model DGAP Air Purifier is UL (Canada and US) listed.

Financing—Eligible for consumer financing program.

SPECIFICATIONS AND DIMENSIONS

SPECIFICATIONS	DGAPAXX1620	DGAPAXX1625	DGAPAXX2020	DGAPAXX2025	DGAPAXX2420
Filtration Efficiency *	MERV 15				
Electrical	Dual voltage power supply 115/60/1, 208—230/60/1 built into door. 6 ft. conduit with (3) 18AWG wires with quick connect terminals				
Germicidal Performance	96% Germicidal / inactivation for human influenza virus, common cold virus, streptococcus bacteria				
Cabinet & Color	G60 steel, Granite Grey, RoHS compliant				
Maximum Air Flow, CFM [LPS] *	1500 [708]	1750 [826]	1750 [826]	2188 [1033]	2188 [1033]
Initial press. drop with clean filter					
CFM [LPS]	In. wg [pa]				
400 [189]	0.05 [12]	0.03 [8]	0.04 [10]	0.03 [8]	0.04 [10]
600 [283]	0.08 [21]	0.06 [15]	0.07 [17]	0.05 [13]	0.06 [16]
800 [378]	0.13 [33]	0.10 [24]	0.10 [26]	0.08 [20]	0.09 [23]
1000 [472]	0.19 [47]	0.14 [35]	0.14 [35]	0.11 [26]	0.12 [30]
1200 [566]	0.26 [64]	0.19 [48]	0.18 [46]	0.14 [34]	0.15 [38]
1400 [661]		0.25 [63]	0.23 [58]	0.17 [43]	0.19 [47]
1500 [566]	0.33 [82]				
1600 [755]				0.21 [52]	0.22 [56]
1750 [826]		0.29 [72]	0.29 [72]	0.24 [65]	0.24 [65]
2188 [1033]				0.30 [75]	0.30 [75]
Dust Holding Capacity @ 0.5 in wg at maximum airflow (grams ASHRAE Dust)	36	37	38	39	39
Replacement Filter Part Number (2—pk)	PGAPXCAR1620—A02	PGAPXCAR1625—A02	PGAPXCAR2020—A02	PGAPXCAR2025—A02	PGAPXCAR2420—A02
Replacement Filter Dimensions Inches [cm]	17.3 x 21.9 x 2.6 [44 x 56 x 7]	17.3 x 24.9 x 2.6 [44 x 63 x 7]	21.0 x 21.9 x 2.6 [53 x 56 x 7]	21.0 x 24.9 x 2.6 [53 x 63 x 7]	24.5 x 21.9 x 2.6 [62 x 56 x 7]
Filter Media Surface Area Sq. Ft. [Sq. Meter]	44.8 [4.1]	50.8 [4.7]	54.5 [5.1]	61.2 [5.7]	63.6 [5.9]
Safety Screen Accessory Part Number	KIT172000	KIT170000	KIT173000	KIT171000	KIT174000
Safety Screen Dimensions Inches [cm]	17.49 x 21.40 x 1.75 [44.4 x 54.4 x 4.4]	17.49 x 24.40 x 1.75 [44.4 x 62.0 x 4.4]	21.19 x 21.40 x 1.75 [53.8 x 54.4 x 4.4]	21.19 x 24.40 x 1.75 [53.8 x 62.0 x 4.4]	24.69 x 21.40 x 1.75 [62.7 x 54.4 x 4.4]
Air Flow Sensor Part Number	Included	KIT160000	Included	KIT160000	Included
Flow Sensor Bypass	KIT161000	Included	KIT161000	Included	KIT161000
Weight— shipping, Lbs [kg]	30 [14]	27 [12]	26 [12]	32 [15]	29 [13]

* Per ASHRAE 52.2 2007

0.91 / 22.99
1.19 / 30.33
1.94 / 49.23
2X 1.02 / 25.88
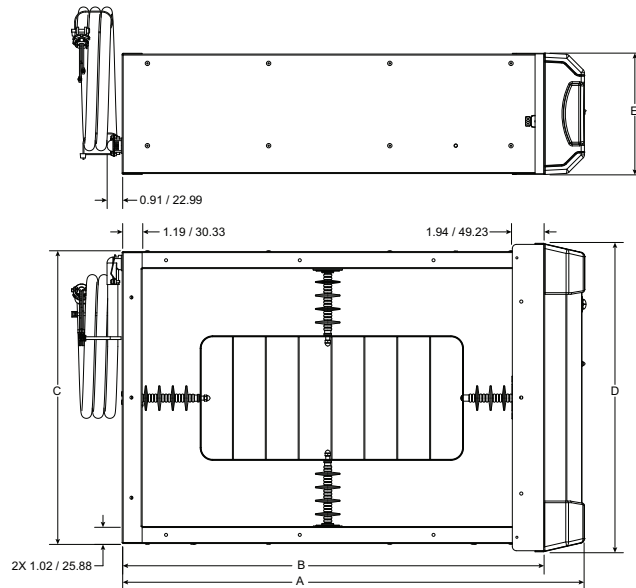
Fig. 21 – Dimensions

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UNIT	1625	2025	1620	2020	2420
A	27.68—in / 703mm		24.68—in / 626mm		
B	25.28—in / 642mm		22.28—in / 565mm		
C	17.49—in / 444mm	21.19—in / 538mm	17.49—in / 444mm	21.19—in / 538mm	24.69—in / 627mm
D	18.48—in / 469mm	22.18—in / 563mm	18.48—in / 469mm	22.18—in / 563mm	25.68—in / 652mm
E	7.25—in / 184mm				