Germicidal Air Purifier

EASIER TO SELL

- High efficiency MERV 13
- 96% germicidal/deactivation of human influenza virus, common cold virus and streptococcus bacteria
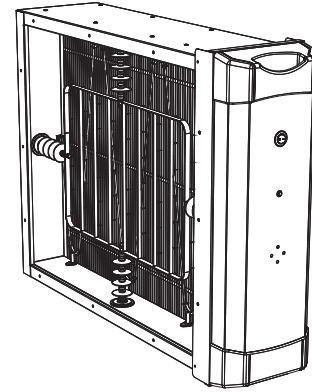- Air Purifier is UL listed

TOUGHER

- Power supply is a highly reliable, dual voltage compatible, state−of−the−art, solid−state device
- Heavy−gauge steel cabinet supports up to 400 lb when installed beneath a fan coil or furnace

EASIER TO INSTALL AND SERVICE

- Five distinct cabinet sizes help to ensure a perfect fit to the bottom and side of most fan coils and furnaces. Includes power cords
- Unit can be installed in a horizontal or vertical position, which makes it equally adaptable to horizontal, downflow, or standard upflow applications

WARRANTY *

- 5 year parts limited warranty
  - With timely registration, an additional 5 year parts limited warranty
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage for other applications.

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LISTED

The 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 13, with pathogen−killing technology to deliver maximum air purification.

The 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.
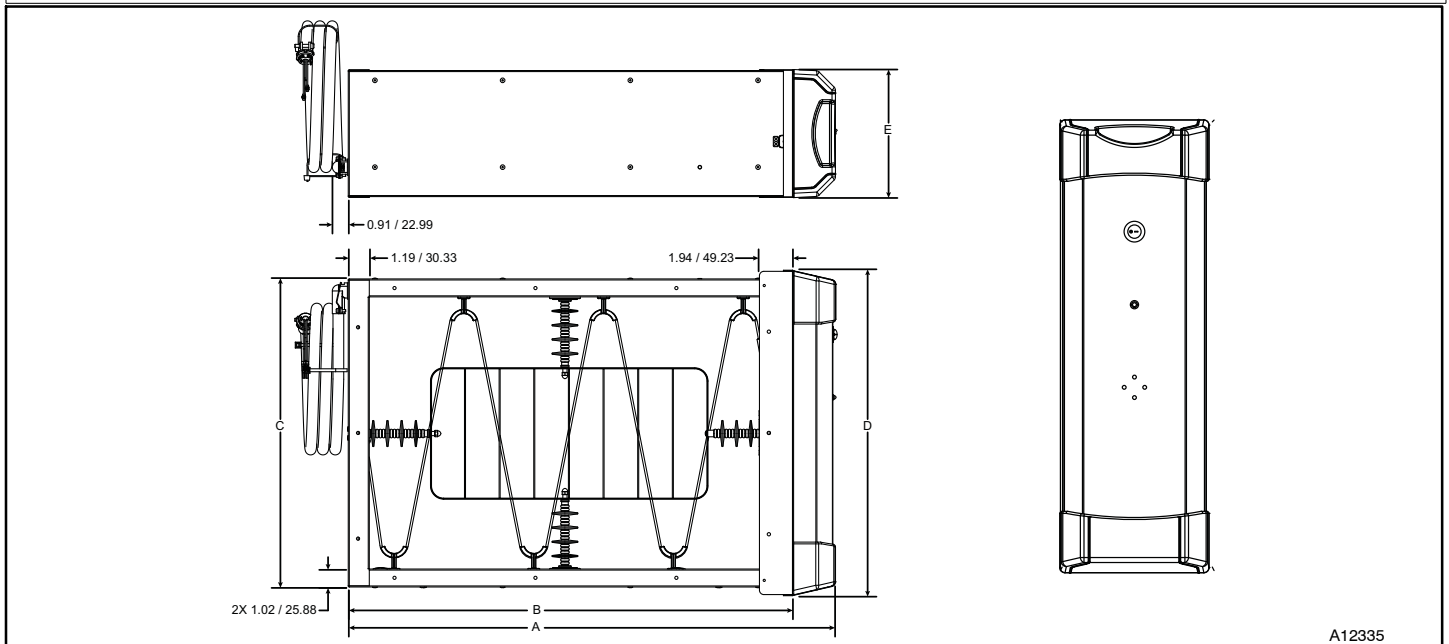
Model Number	Dimensions H x W x D Inches (Millimeters)	Shipping Wt. Lbs (Kg)
EAICAXX1620	18.48 x 7.25 x 24.68 (469 x 184 x 626)	26 (12)
EAICAXX1625	18.48 x 7.25 x 27.68 (469 x 184 x 703)	28 (13)
EAICAXX2020	22.18 x 7.25 x 24.68 (563 x 184 x 626)	28 (13)
EAICAXX2025	22.18 x 7.25 x 27.68 (563 x 184 x 703)	30 (14)
EAICAXX2420	25.68 x 7.25 x 24.68 (652 x 184 x 626)	30 (14)

PRODUCT DATA AND DIMENSIONS

PRODUCT DATA					
	EAICAXX1620	EAICAXX1625	EAICAXX2020	EAICAXX2025	EAICAXX2420
Filtration Efficiency	MERV 13				
Electrical	Dual voltage power supply 115–1–60, 208/230–1–60 built into door; 50/60 Hz; 6 ft. conduit with 16 AWG green ground wire; 18 AWG Hot and Neutral				
Germicidal Performance	96% Germicidal / inactivation for human influenza virus, common cold virus, streptococcus bacteria				
Cabinet & Color	G60 steel, Taupe Metallic, RoHS compliant				
Maximum Air Flow, CFM [LPS]	1200 [566]	1400 [661]	1400 [661]	1750 [826]	1750 [826]
Initial press. drop with clean filter CFM [LPS]	In. w.c. [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]
1600 [755]				0.21 [52]	0.22 [56]
Dust Holding Capacity @ 0.5 in. w.c. at maximum airflow (grams ASHRAE Dust)	36	37	38	39	39
Weight – shipping, Lbs [kg]	26 [12]	28 [13]	28 [13]	30 [14]	30 [14]
Replacement Filter Part Number (2–pk)	EAICXCAR 1620A02	EAICXCAR 1625A02	EAICXCAR 2020A02	EAICXCAR 2025A02	EAICXCAR 2420A02
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*
Quick Connect Fuse Kit	KFAPS0110KIT				
Filter Enhancement Module	KIT142000*	KIT140000*	KIT143000*	KIT141000*	KIT144000*
Replacement Door Kit	KIT153000*	KIT153000*	KIT154000*	KIT154000*	KIT155000*

* Order from FAST parts

DIMENSIONS

0.91 / 22.99
1.19 / 30.33   1.94 / 49.23
2X 1.02 / 25.88
A12335

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				

ACCESSORIES						
		EAICXX				
Accessory Part Number	**Description**	**1625**	**2025**	**1620**	**2020**	**2420**
KIT140000*	Filter Enhancement	X	–	–	–	–
KIT141000*	Filter Enhancement	–	X	–	–	–
KIT142000*	Filter Enhancement	–	–	X	–	–
KIT143000*	Filter Enhancement	–	–	–	X	–
KIT144000*	Filter Enhancement	–	–	–	–	X
KIT153000*	Front Door including power supply	X	–	X	–	–
KIT154000*	Front Door including power supply	–	X	–	X	–
KIT155000*	Front Door including power supply	–	–	–	–	X
KIT170000*	Front Screen	X	–	–	–	–
KIT171000*	Front Screen	–	X	–	–	–
KIT172000*	Front Screen	–	–	X	–	–
KIT173000*	Front Screen	–	–	–	X	–
KIT174000*	Front Screen	–	–	–	–	X
EAICXCAR1625A02	Replacement Filter (2–pack)	X	–	–	–	–
EAICXCAR2025A02	Replacement Filter (2–pack)	–	X	–	–	–
EAICXCAR1620A02	Replacement Filter (2–pack)	–	–	X	–	–
EAICXCAR2020A02	Replacement Filter (2–pack)	–	–	–	X	–
EAICXCAR2420A02	Replacement Filter (2–pack)	–	–	–	–	X
EXCEPTIONS:						
EAICAXX1625 and EAICAXX2025 are standard (shipped) with Flow Sensor for Furnaces(if applied with Fan Coil, KIT160000–Flow Sensor and KFAPS0110KIT–Fuse Kit are required)						
KIT160000*	Flow Sensor (required if no EAC terminals)	X	X	std	std	std
KFAPS0110KIT	240 VAC – Fuse Kit (required if installed with Fan coil)	X	X	std	std	std
EAICAXX1620, EAICXX2020 and EAICAXX2420 are standard (shipped) with Flow Sensor for Fan Coils (If applied with furnace, KIT161000 is required)						
KIT161000*	Flow Sensor Jumper/Bypass (if installed with Furnace with EAC terminals)	std	std	X	X	X

* Order from FAST parts

std = Standard on the unit.

Specifications subject to change without notice.

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