

CVS400A Inline Multi-Port Fan

Item Number: 40119

Variant: 120V 1~ 60Hz



- Internal scroll for maximum air performance
- Suitable for airstream temperatures up to 140° F
- HVI and CSAus Certified

The CVS Series multi-port ventilators have been engineered for installation in areas where space is limited. They are a popular choice for use in areas between floors in apartment buildings or high rise office complexes.

With CVS models, several exhaust points connect into one centrally located fan without the use of adapters or transitions. The motorized impeller is both statically and dynamically balanced as one integral unit, for vibration free, quiet performance.

With multiple exhaust points going into one fan, wall or roof penetrations are kept to a minimum.

CVS fans are simple to install. Simply select the fan mounting location, taking into account the type of application, service accessibility, and distance from exhaust point (to minimize fan operating noise). Secure the unit using either threaded rod or wires to suspend the unit. Finally, connect the ductwork to inlet and outlet of the fan using FC clamps.



Technical parameters

Nominal data		
Voltage (nominal)	120	V
Frequency	60	Hz
Phase(s)	1~	
Input power	156	W
Input current	1.41	A
Impeller speed	2,950	r.p.m.
Air flow	max 405.0	cfm
Temperature of transported air	max 140	°F
Max temperature of transported air, when speed controlled	140	°F

Protection/Classification

Enclosure class, motor	IP44
Insulation class	B

Dimensions and weights

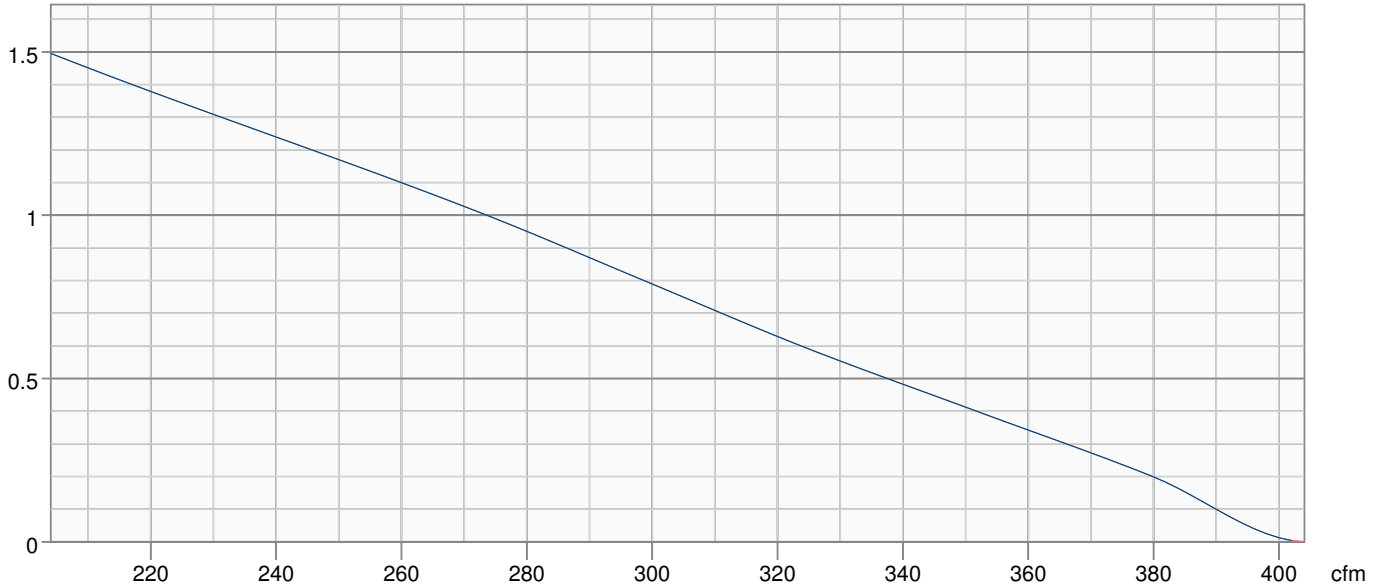
Duct dimension; Circular, inlet	4 in.
Duct dimension; Circular, outlet	6 in.
Weight	19.9 lb

Optional

Duct connection type	Circular
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Performance curve

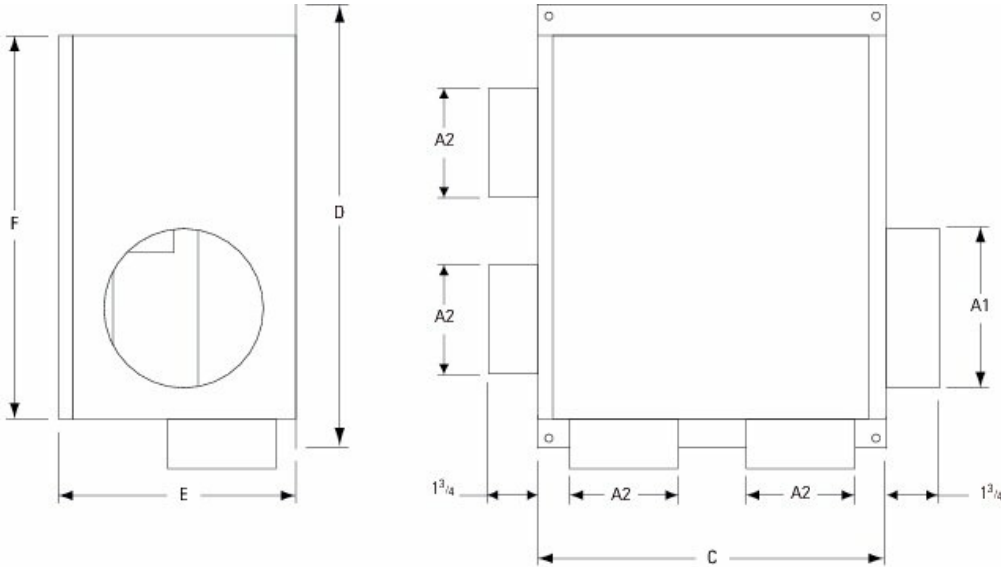
in. wg.



Hydraulic data

Required air flow	-
Required static pressure	-
Working air flow	-
Working static pressure	-
Air density	0.075 lb/ft ³
Power	-
Fan control - RPM	-
Current	-
SFP	-
Control voltage	-
Supply voltage	-

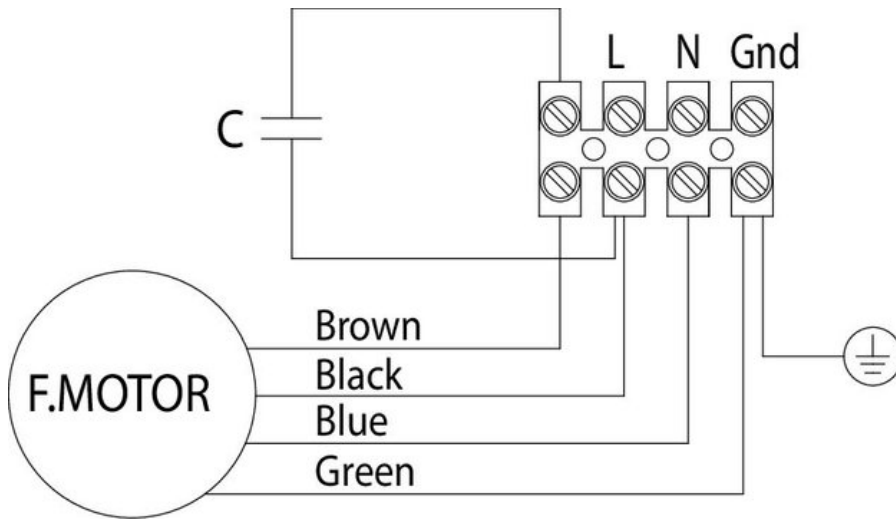
Dimensions



Model	A1	A2	C	D	E	F
CVS 275A	6 (152)	5 (127)	11 (279)	15 (381)	7 5/8 (194)	12 (305)
CVS 300A / 400A	6 (152)	4 (102)	13 (330)	18 3/4 (476)	8 1/4 (210)	16 (406)

Dimensions in inches (mm)

Wiring



Accessories

- FC 4 Mounting Clamps (2 pcs) (411295)
- HS 6W External Louver Exhaust (45153)
- IR 6 Iris Damper (411236)
- LD 6 Silencer (411284)
- RSK 6 Backdraft Damper (411114)
- FC 6 Mounting Clamps (2 pcs) (411120)
- IR 4 Iris Damper (411234)
- LD 4 Silencer (411282)
- RSK 4 Backdraft Damper (411112)
- WC 15 Speed Control (5A) (411102)