



FADE Wall ventilators

Axial Plated / Cabinet Mount Fans with Direct Drive Motors

- Shallow Profile (FADE)
- Aerodynamic Propeller Blades
- Powder Coated Plate (FADE)
- Galvanized Steel Housing (FADE WHD)
- Quiet Operation

Space-Saving Design

Designed to effectively and quietly handle major ventilation challenges without taking up valuable space.

Excellent Heat Dissipation

The external rotor motorized propeller provides excellent heat dissipation in the air stream, even at a low RPM.

Plate or Cabinet Models

FADE models include a square wall plate. FADE WHD models include a wall cabinet and backdraft damper.

Quiet Operation

Statically and dynamically balanced for vibration-free operation, FADE fans can handle major ventilation challenges.

Certifications



UL Listed

This product is Listed by UL. UL has rigorously tested and confirmed that this product meets all of their stringent requirements. Search the UL Product iQ directory for more information about our listed products.

Technical parameters

Nominal data

Voltage (nominal)	120	V
Frequency	60	Hz
Phases	1~	
Input power	48	W
Input current	0.44	A
Impeller speed	1634	rpm
Air flow	max 627	cfm
Temperature of transported air	max 158	°F

Protection/Classification

Insulation class	B
Certificate	AMCA Air, AMCA Sound, cCSAus

Dimensions and weights

Weight	3.47	kg
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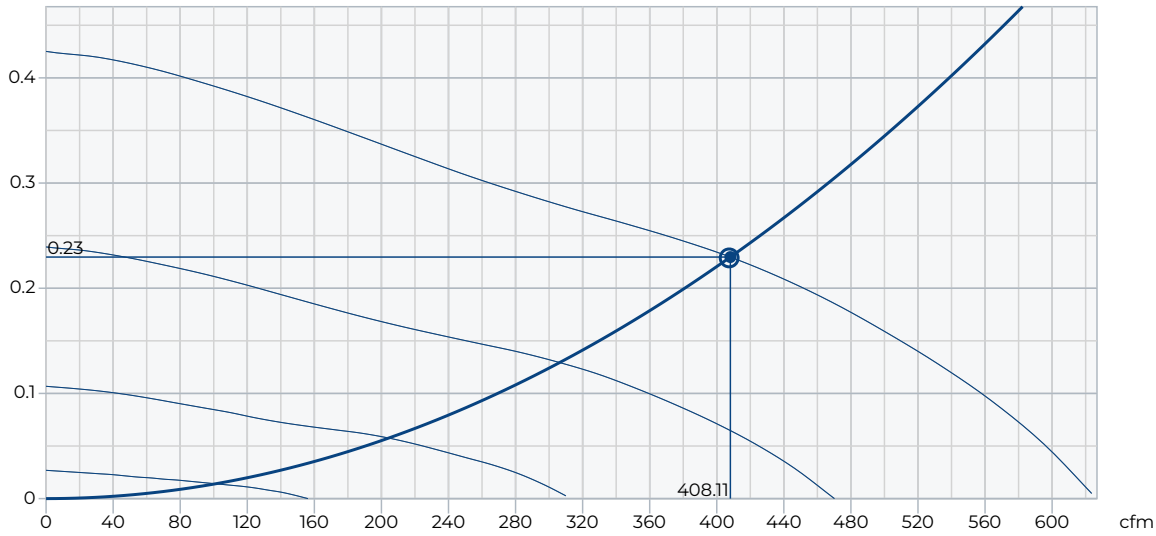
Optional

Color name, casing	Black
Motor type	AC

Performance

Performance curve

in. wg.



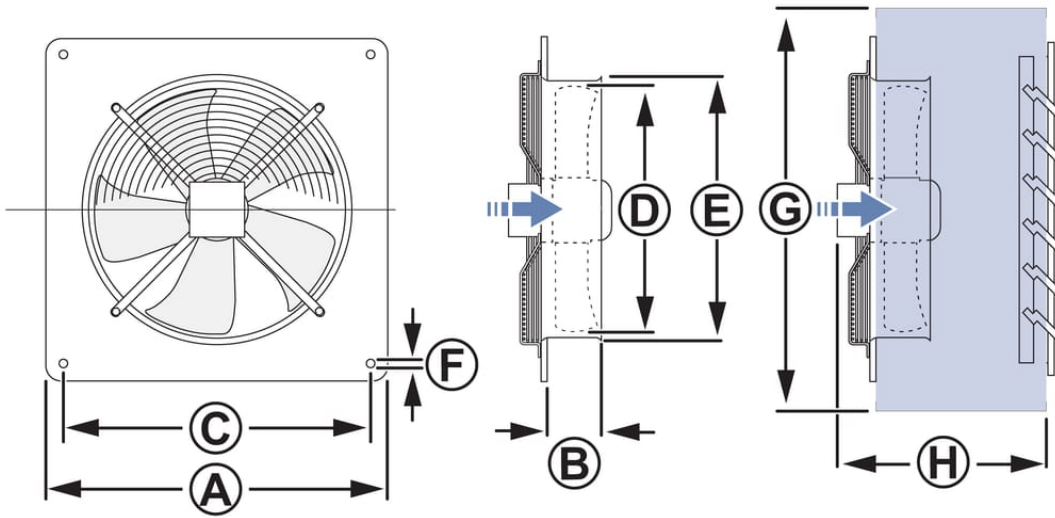
Performance data

Required air flow	407 cfm
Required static pressure	0.23 in. wg.
Working air flow	408 cfm
Working static pressure	0.23 in. wg.
Air density	0.075 lb/ft ³
Power	53 W
Fan control - RPM	1,559 rpm
Airflow efficiency	7.7 cfm/W
Control voltage	120.0 V
Supply voltage	120 V

Sound power level

		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	35	51	58	58	59	59	56	46	65

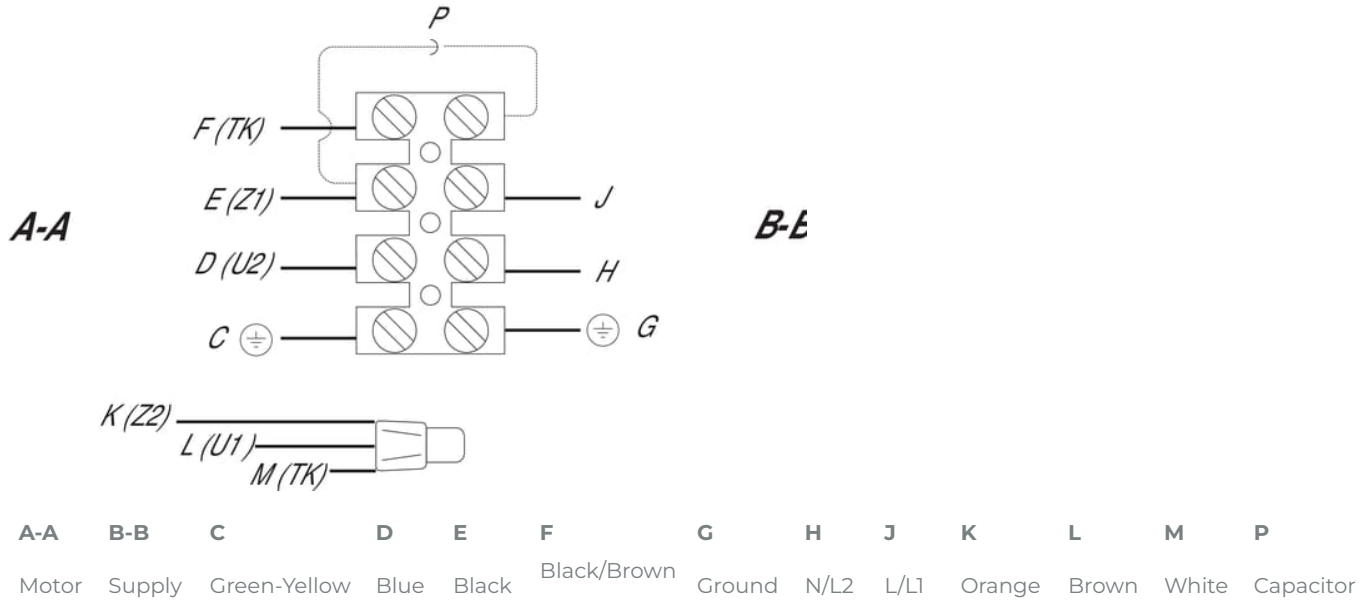
Dimension



Model	A	B	C	D	E	F	G	H
FADE 8-4	12-5/16	2	10-1/4	7-3/4	8-1/16	1/4	-	-
FADE 10-4	14-9/16	2	12-5/8	10	10-5/16	1/4	-	-
FADE 12-4 / FADE 12-4 WHD	17	3	15	12	12-7/8	5/16	21	15-1/2
FADE 14-4 / FADE 14-4 WHD	19-3/16	3-1/8	17-1/8	14	15-3/8	5/16	21	15-1/2
FADE 16-4 / FADE 16-4 WHD	22-3/4	3-1/2	21	16-1/2	17-1/4	3/8	24	16-1/2

Dimensions are in inches.

Wiring



AHU Accessories

- FH 20 Dehumidistat (410727)
- PT6 Attic Thermostat (494085)
- FTD7 7-day digital timer (49792)
- WC 15 Speed control (411102)

Documents

- 401442 FADE IOM EN