



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



AMCA Worldwide Certified Ratings: Sound and Air Performance

Systemair certifies that the model shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program. Check the AMCA Certified and Listed Product Search for our products <https://www.amca.org/certify/#certified-product-search>



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 listed products at <https://productiq.ulprospector.com/>

Technical parameters

Nominal data

Voltage (nominal)	120	V
Frequency	60	Hz
Phases	1~	
Input power	290	W
Input current	2.7	A
Impeller speed	1,637	rpm
Air flow	max 3,060	cfm
Temperature of transported air	max 140	°F

Protection/Classification

Insulation class	B
Certificate	AMCA Air, AMCA Sound, cCSAus

Dimensions and weights

Weight	32	lb
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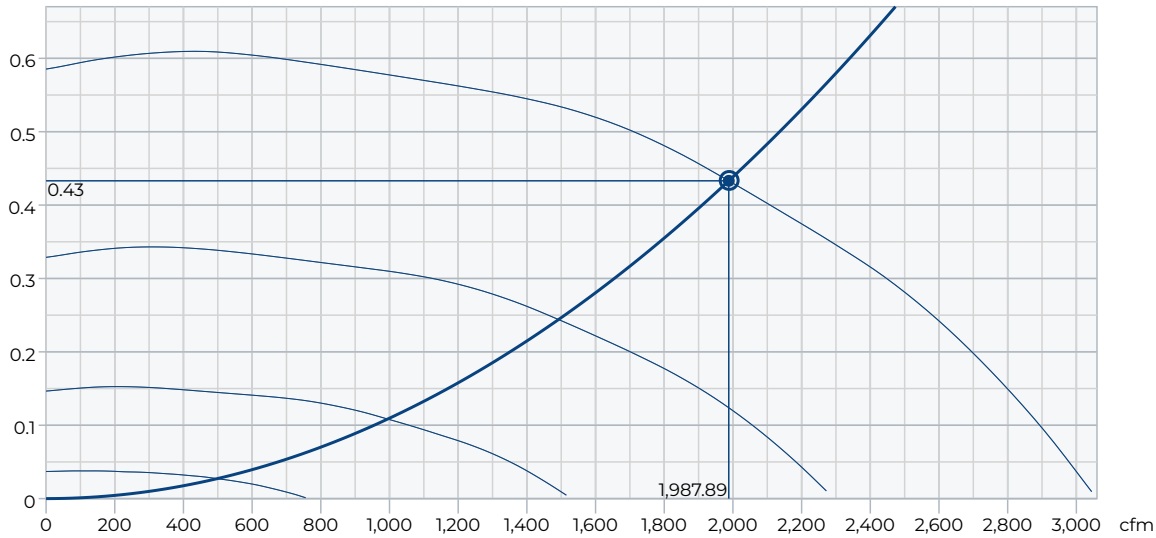
Optional

Color name, casing	Black
Motor type	AC

Performance

Performance curve

in. wg.



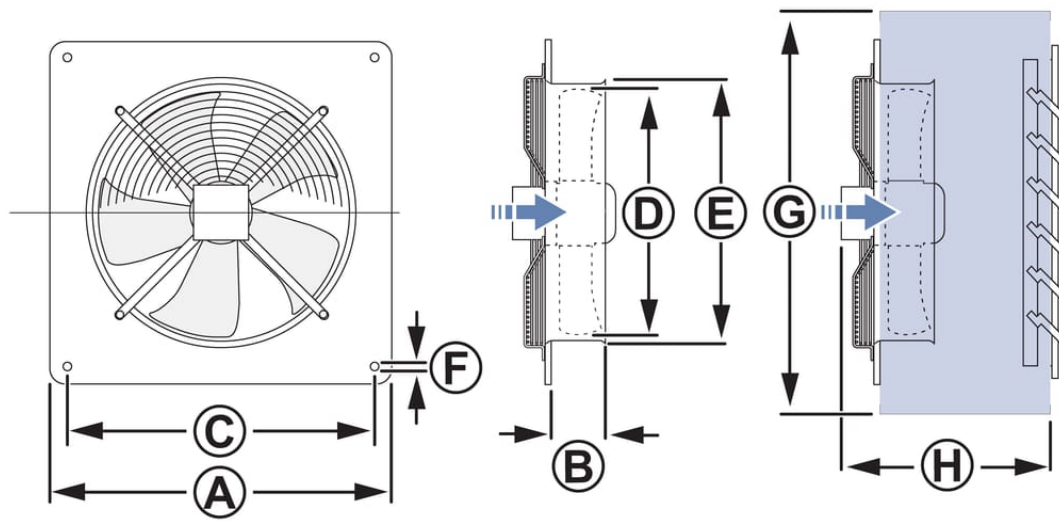
Performance data

Required air flow	1,989 cfm
Required static pressure	0.43 in. wg.
Working air flow	1,988 cfm
Working static pressure	0.43 in. wg.
Air density	0.075 lb/ft ³
Power	365 W
Fan control - RPM	1,503 rpm
Airflow efficiency	5.4 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)	38	54	60	66	67	67	66	56	73

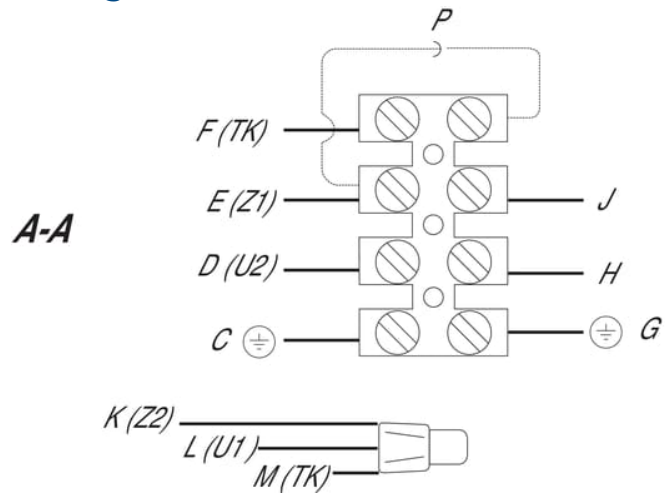
Dimensions



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



A-A	B-B	C	D	E	F	G	H	J	K	L	M	P
Motor	Supply	Green-Yellow	Blue	Black	Black/Brown	Ground	N/L2	L/L1	Orange	Brown	White	Capacitor

AHU Accessories

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

Documents

- 401442 FADE IOM EN