



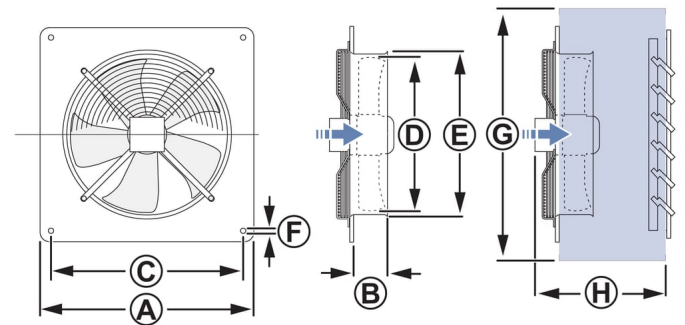
Axial Plated / Cabinet Mount Fans with Direct Drive Motors

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

Technical parameters

Nominal data	
Voltage (nominal)	120 V
Frequency	60 Hz
Phases	1~
Input power	197 W
Input current	1.17 A
Impeller speed	1,531 rpm
Air flow	max 1,839 cfm
Temperature of transported air	max 104 °F
Protection/Classification	
Insulation class	B
Certificate	AMCA Air, AMCA Sound, cCSAus
Dimensions and weights	
Weight	19.6 lb
Optional	
Color name, casing	Black
Motor type	AC

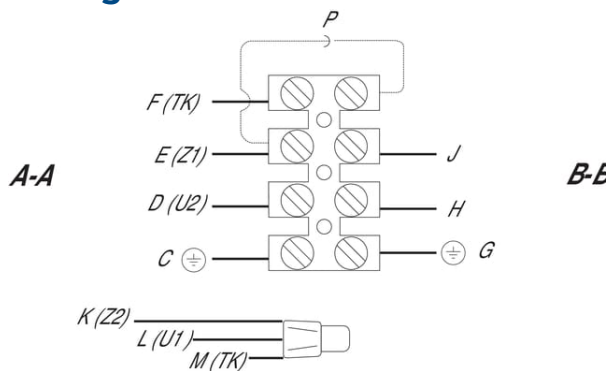
Dimensions



Model	A	B	C	D	E	F
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
FADE 14-4 / FADE 14-4 WHD	19-3/16	3-1/8	17-1/8	14	15-3/8	5/16
FADE 16-4 / FADE 16-4 WHD	22-3/4	3-1/2	21	16-1/2	17-1/4	3/8

Dimensions are in inches.

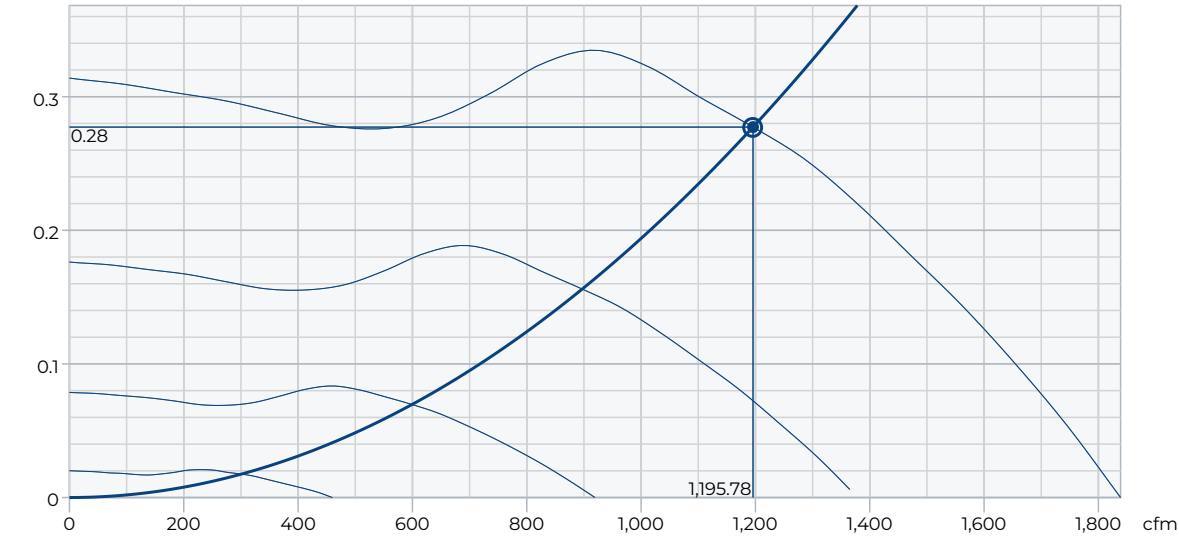
Wiring



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

Performance curve

in. wg.



Performance data											
Required air flow		1,195 cfm									
Required static pressure		0.28 in. wg.									
Working air flow		1,196 cfm									
Working static pressure		0.28 in. wg.									
Air density		0.075 lb/ft ³									
Power		218 W									
Fan control - RPM		1,358 rpm									
Airflow efficiency		5.5 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)	39	49	59	62	64	63	59	51	69

AHU Accessories

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

Documents

401442 FADE IOM EN