

EXHAUSTO

Supply Fan SFTA

Description

The EXHAUSTO SFTA Supply Fan is a high-efficiency tubeaxial fan with a cast aluminum propeller mounted directly on the motor shaft. The ten blade propeller and motor assembly is enclosed entirely within the fan casing.

With the fan housing in steel, and the propeller in cast aluminum, the design is a Type B, Spark Resistant Construction.

The SFTA is equipped with an energy-efficient, totally enclosed, variable speed motor (TEFC). A service door is provided allowing easy access to the motor and propeller.

SFTA can be used for combustion air supply or exhaust systems where reliability, efficiency and low noise are important factors.

The SFTA Supply Fan is a component in the Modulating Combustion Air System (MCAS).

Material

The housing is a one-piece, heavy-gauge, hot-rolled steel construction. SFTA 14-30 has 14 gauge housing while the SFTA 36 has 12 gauge. Flanges on the inlet and outlet are integrally rolled and punched for attachment to ductwork and accessories. The fan housing is painted with a corrosion resistant enamel coat. Aluminum parts are not painted.

The aluminum propellers are dynamically balanced for quiet, vibration free operation.

Motor

Commercial grade, totally enclosed, variable speed 3-phase motor. Class F insulated, IP54 Protection Class. Sealed ball bearings. Thermal overload protection. The motor is foot-mounted, NEMA standard.

Standard Equipment

Flanged connections.

Junction box



Accessories

EBC 14, Pressure Control

EBC 30, Modulating Pressure Control

Variable Frequency Drive, VFD

Inlet/Outlet Reducers

Duct Flanges

Wall Louver

FabricAir Duct System

Listings

UL/ULc 705 Listed for Electrical, File No. E158680

Manufactured at ISO9001 certified plant

AMCA rated and certified

Complies with and meets Type B, Spark Resistant Construction per AMCA standard 99-0401 classifications of Spark Resistant Construction.

Warranty

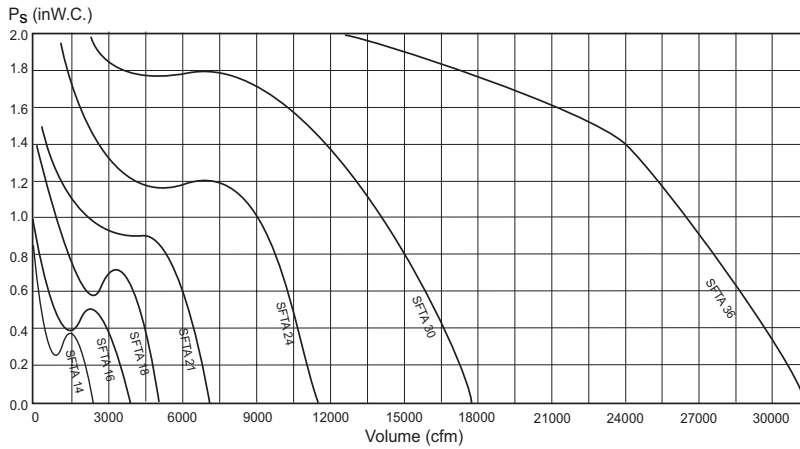
2 year factory warranty

Specifications are subject to change without notice.

Specifications

Model		SFTA 14	SFTA 16	SFTA 18	SFTA 21	SFTA 24	SFTA 30	SFTA 36
Fan Type		Tube-axial						
Motor Type		TEFC						
Number of Blades		8	8	8	8	8	4	4
Voltage	V AC	3 x 200-240/3x460-480						
Amperage	Amps	2.8/1.4	2.8/1.4	2.8/1.4	4.0/2.0	8.2/4.1	14.2/7.1	23.0/11.5
Motor Output	HP	.75	1.0	1.0	1.5	3.0	5.0	10.0
	KW	0.55	.75	.75	1.30	2.25	3.75	7.50
RPM		1720						
Average Weight	lbs	33	53	60	85	97	149	234
	kg	15	24	27	39	54	77	117
Nominal Duct Connection	in	14	16	18	21	24	30	36
	mm	350	400	450	530	600	750	910
Dimensions	A in	14.25	16.13	18.25	21.25	24.25	30.38	36.50
	mm	362	410	464	540	616	772	927
B in	in	15.88	17.88	19.88	22.88	25.88	32.00	38.38
	mm	403	454	505	581	657	813	975
C in	in	16.88	18.88	20.88	24.00	27.00	33.50	40.00
	mm	429	480	530	610	686	851	1,016
H in	in	0.34	0.34	0.34	0.44	0.44	0.44	0.44
	mm	9	9	9	11	11	11	11
L in	in	19	19	19	21	21	26	27
	mm	483	483	483	533	533	660	686
Mounting Holes	Qty	8	8	8	8	8	8	16
Max. Frame		56	143T	145T	184T	184T	184T	245T

Capacity



(N) "H" DIA HOLES EQUALLY SPACED

