

## AXIAL SMOKE EXHAUST FANS – F300

### Axial Smoke Exhaust Fans

Axial Smoke Exhaust Fans can keep working for **two hours at 300°C** and in combination with Jet Fans can be used to extract smoke from parking lots in case of fire. The Aerotech Axial Fans are available in wide range from 12" to 96" with Air Volume up to 200,000 CFM.

Airfoil type cast aluminum blades are designed for optimum efficiency. Low pressure, medium pressure & high-pressure configuration are available. Type of blades, hub ratio and solidity all are incorporated in the design of each configuration.

Fans are tested in according to AMCA Standard 210. All fans are factory run prior to shipment. \*\*Actual test conditions may be simulated at factory and can be witnessed by users or their representatives.

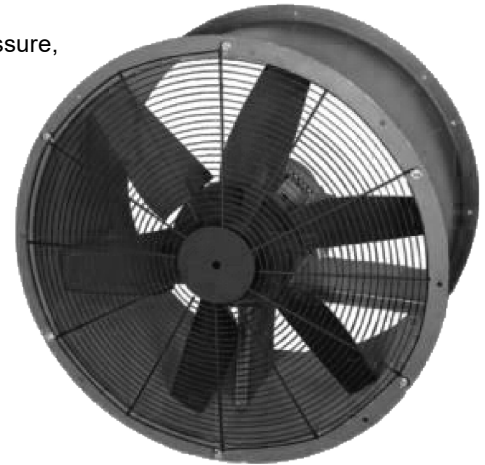
A high-performance axial flow fan is designed for both ducted or without duct applications.

### Features

- Axials Smoke Exhaust Fans – F300
- IEC Duty Cycle - S1
- Working Temperature -20 - +50 °C
- Cast Aluminum Airfoil Blades
- Cast Aluminum Hub
- Tapered Lock Bush
- Variable Pitch adjustment
- Direct Drive
- TEFC Motor, IP55, Class H insulation, Eff IE-2
- Electrics 380/400 V, 50 Hz, 3Phase

Option: 2 speed fan moto

### Dimensions



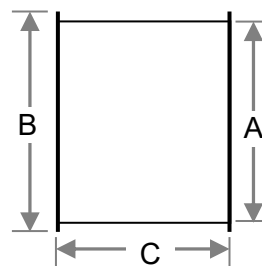
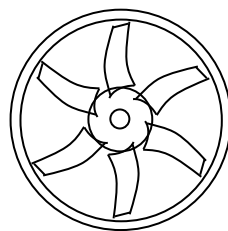
300°C  
2H



### Capacity Chart for Some Common Sizes

Size	RPM	H.P.	0.10"	0.25"	0.50"	0.75"	1.00"
24"	1450	2	7000	6800	6000	5000	-
30"	960	2	10500	9800	8200	-	-
	1450	5	16000	15000	14000	13000	11500
36"	960	2	14000	12000	11000	-	-
	1450	5	20400	19000	17500	15000	13400
48"	960	10	32500	31000	30000	29000	24000
60"	960	15	-	55000	52000	49000	43000

Note: -Technical details for other sizes are available on demand.  
-Ask Performance curves for sizes 12" to 96"



Fan Size	12	15	16	18	20	22	24	27	30	36	48	52	54	60	72	96
A	12.4	15.4	16.4	18.4	20.4	20.4	24.4	24.4	30.4	36.4	48.4	52.4	54.4	60.4	72.4	96.4
B	15.4	18.4	19.4	21.4	23.4	25.4	27.4	30.4	33.4	40.4	52.4	56.4	58.4	64.4	77.4	101.4
C	15	15	15	18	18	20	20	24	24	24	48	48	48	48	48	48