



Total Exhaust Option:

CENTRIFUGAL EXHAUST FAN

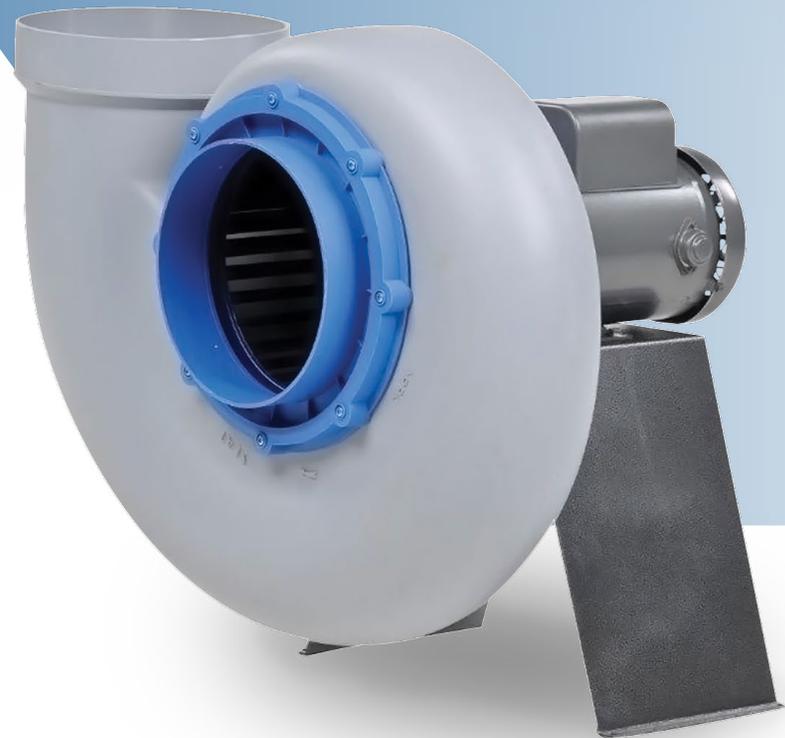
Air Science® offers centrifugal fans as an available option on Total Exhaust Fume Hoods. Our all-polypropylene exhaust fans are available in a variety of configurations and are built to withstand the most demanding conditions. The fans come in four sizes ranging from 5" up to 10" inlet.

PRODUCT FEATURES

- Single block high density, UV treated and recyclable polypropylene.
- Ultimate airflow efficiency and strength with no welded joints.
- The forward-curved centrifugal style impeller, fan wheel, motor shaft bushing and hub cap are all constructed of injection molded high density polypropylene.

VERSATILE

Chemical and corrosion-resistant plastic impeller and casing construction are suitable for installation in highly caustic conditions as well as general laboratory use.



Centrifugal Exhaust Fan
model TEP-30



TEP-15



TEP-20



TEP-25

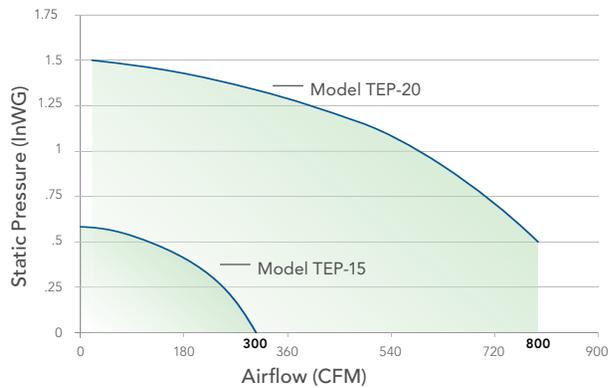


TEP-30

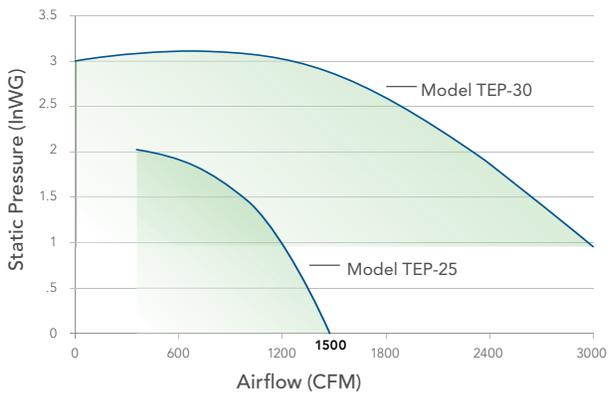
Fan configuration options, general specifications and performance curves are provided herein. All physical dimensions can be customized to meet your application. Fan size should be determined by a qualified HVAC technician.



STATIC PRESSURE, MODELS TEP-15 AND TEP-20



STATIC PRESSURE, MODELS TEP-25 AND TEP-30



ROTATION AND DISCHARGE FOR CENTRIFUGAL FANS

Standard Position	Optional, Field Adjustable Positions						
CCW 360°	CCW 45°	CCW 90°	CCW 135°	CCW 180°	CCW 225°	CCW 270°	CCW 315°
Counter-Clockwise Upblast	Counter-Clockwise Top Angular Upblast	Counter-Clockwise Top Horizontal	Counter-Clockwise Top Angular Downblast	Counter-Clockwise Downblast	Counter-Clockwise Bottom Angular Downblast	Counter-Clockwise Bottom Horizontal	Counter-Clockwise Bottom Angular Upblast

¹⁾ Direction of rotation is determined from the drive side of fan. Standard position is CCW 360° Upblast.
²⁾ On single inlet fans, drive side is always considered as the side opposite fan inlet

CENTRIFUGAL EXHAUST FAN SPECIFICATIONS

MODEL	TEP-15	TEP-20	TEP-25	TEP-30
Inlet Outside Diameter (in / mm)	4.92" / 125 mm	6.3" / 160 mm	7.87" / 200 mm	9.84" / 250 mm
Outlet Outside Diameter (in / mm)	4.92" / 125 mm	6.3" / 160 mm	8.62" / 219 mm	10.9" / 277 mm
Impeller Diameter (in / mm)	5.9" / 150 mm	7.87" / 200 mm	9.84" / 250 mm	11.81" / 300 mm
Horsepower (motor)	.33	.33	.75	2
Noise Level (1725 RPM models) (dB (A))	54	56	58	54
POWER SUPPLY OPTIONS	TEP-15	TEP-20	TEP-25	TEP-30
Single Phase 115 / 230V, 50 / 60Hz Full Load Amp Rating (FLA)	5.2 / 2.6	5.2 / 2.6	8.2 / 4.2	18.6 / 9.3
Three Phase 230 / 460V, 50 / 60Hz Full Load Amp Rating (FLA)	1.7 / 0.8	1.7 / 0.8	3.4 / 1.7	5.8 / 2.9

WARRANTY

Standard 12 month warranty on motor.

STANDARDS & COMPLIANCE

TEP blowers are UL and CSA approved



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