

MAXFLO WALLTM SERIES



LAMINAR CROSS DRAFT FILTRATION UNIT

MAXFLO WALL™ SERIES

EFFICIENT AND COMPACT FILTRATION

The MAXFLO Wall series offers a compact design that creates a circular airflow to capture and filter the ambient air in a workshop. The system uses a unique design consisting of a series of adjustable nozzles for directing the air flow in the desired pattern.

The nozzles are the key to this concept. They allow to ventilate remote areas without ductwork.

NOZZLE SPECIFICATIONS

CFM : 1500 (4x by units)

Static pressure : 0.78

Nozzle Velocity : 3000 FPM

NC : 44 DB

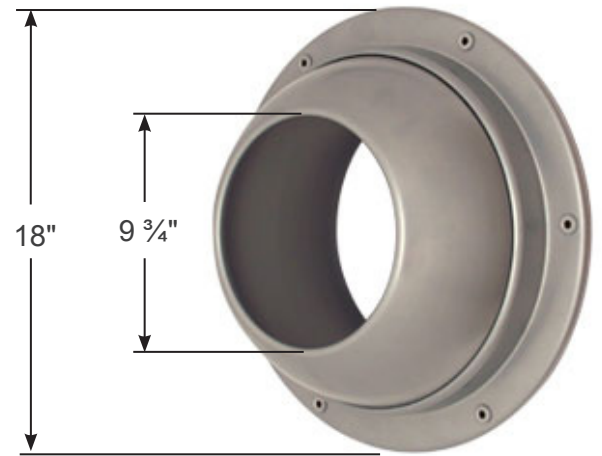
Projection : 25 ft

Noise level : low (low pressure)

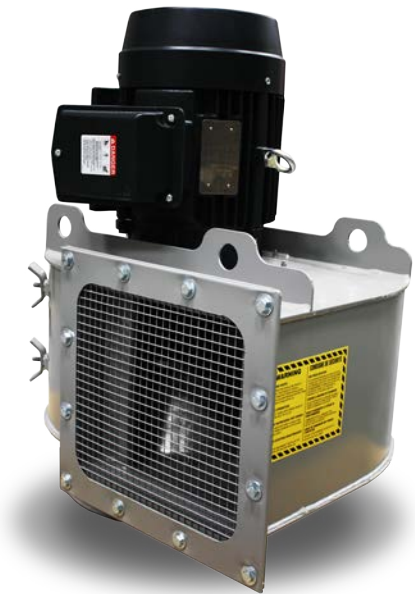
Rotation : 360 degree, 70 degree global

Angle adjustment : easy / finger tip

NOZZLE DIMENSIONS



DIRECT DRIVE BLOWER



BLOWER CHARACTERISTICS

The blower has a backward inclined wheel mounted directly onto the motor shaft. One of the highly appreciated features of this type of wheel is its low noise level. The motor is mounted outside the airflow and the design meets AMCA 'C' standards.

BLOWER SPECIFICATIONS

CFM : 6000

Pressure : 6 H₂O

RPM : 1750

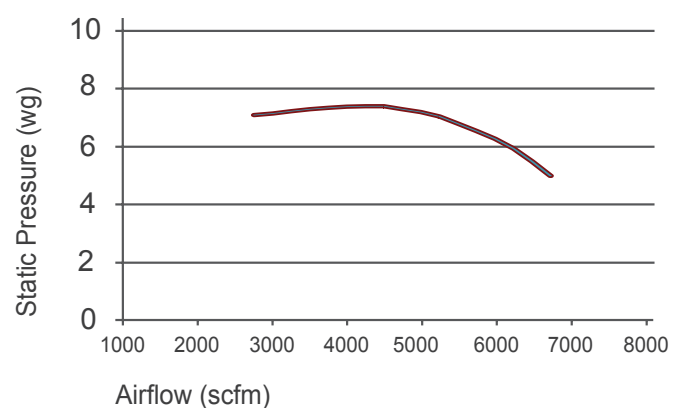
DBA at 5ft : 78.9

HP : 15

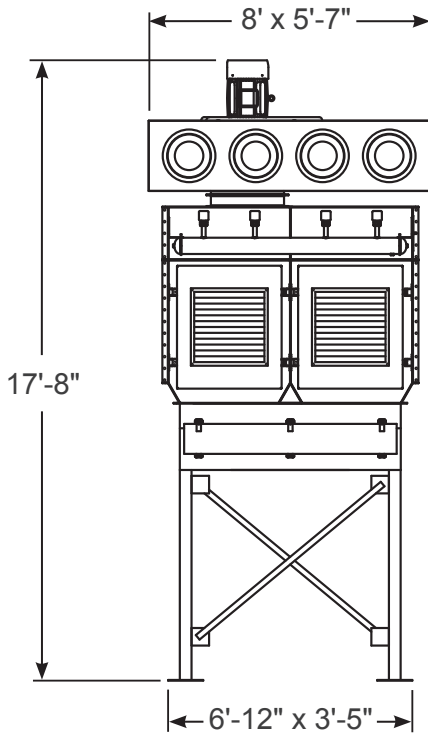
Frame : 254T

Shaft : 1.625" Ø

PERFORMANCE CURVE

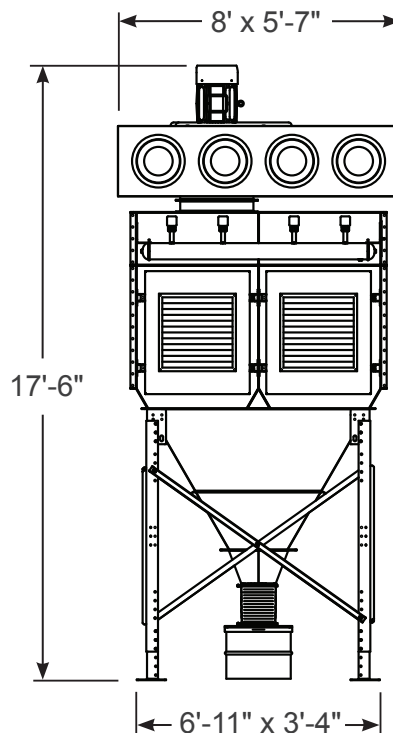


VARIOUS CONFIGURATIONS



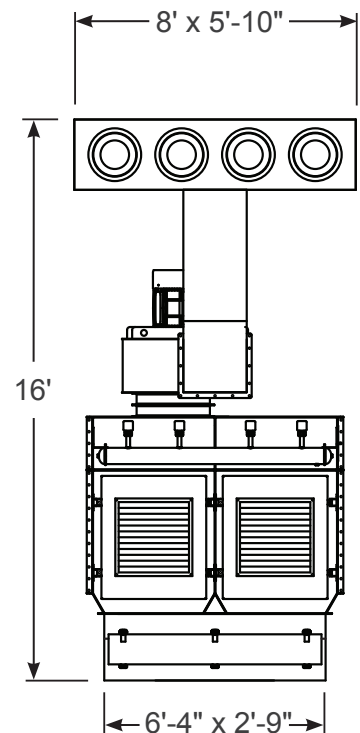
OPTION A

- Low profile
- Optional floor stand
- Drawer kit



OPTION B

- Hopper
- Half-drum



OPTION C

- Extended height return
- Drawer kit

ADVANTAGES

Does not interfere with overhead obstructions

High velocity nozzles allows the airflow to travel to remote areas without needing additional ductwork.

Reduced cost

Ductless installation reduces costs and improves sightlines. Furthermore, the choice of a direct drive backward inclined wheel requires less HP during operation.

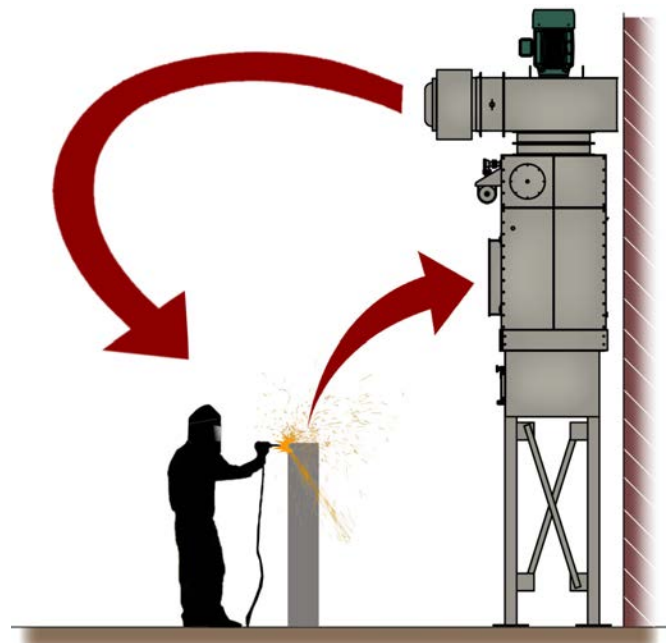
Rubber flaps

During the filter cleaning process, rubber flaps seal the intake louvers, preventing particles from escaping outside the unit.

Motor with VFD

When the unit is stopped, Low negative pressure flow is maintained during the cleaning process, preventing particles from escaping outside the unit.

OPERATING PRINCIPLE





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