



GRAVITY VENTILATORS

Models: PT, HPA, PA

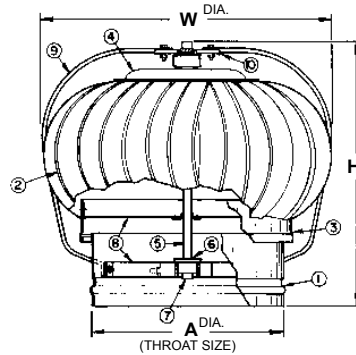
- Turbine
- Pul-Air
- Insul-Air

General Information

Gravity Ventilator Models: Turbine, Pul-Air, Insul-Air

TURBINE

PennBarry Turbines are ideal for the general ventilation of factories, farm and agricultural buildings, commercial and public structures and homes. Turbines move out hot, stagnant air automatically. They also work well in preventing condensation in buildings. Sensitive, ball bearing action enables the slightest motion of air to move the rotor head, and maintain suction even at low wind velocity. Centrifugal force, caused by the freely revolving head, creates a partial vacuum. Foul air rushes to fill the vacuum and is expelled. PennBarry Turbines also feature durable galvanized steel or aluminum construction to create a product requiring little maintenance.



LEGEND

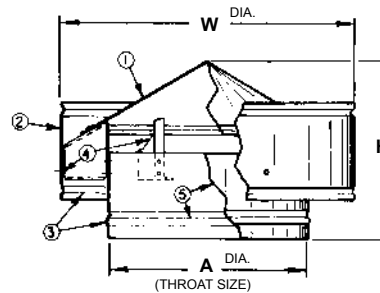
1. Swedged and reinforced airshaft
2. Roll formed, ridged rotor blades
3. Rolled and welded rotor collar
4. Seamless rotor crown plate
5. Machined rotor shaft
6. Prelubricated ball bearing assembly
7. Lubricant reservoir and cover
8. Internal support braces
9. Exterior heavy duty support braces
10. Die formed brace, bearing plate

SIZE	4	5	6	7	8	9	10	12	14	15	16	18	20	24
A DIA. THROAT SIZE	4	5	6	7	8	9	10	12	14	15	16	18	20	24
W DIA.	10 1/4	12 3/4	12 3/4	14 1/4	14 1/4	16 1/2	16 1/4	19	22 3/4	25	25 1/2	29	31 5/8	35 3/4
H HEIGHT	12	14 1/4	14 1/2	15	15	16 1/4	16 1/4	17	19 3/4	21	21 3/4	24	25 1/4	28 1/4
NO. OF BRACES (EXTERIOR)	3 ALUM.	3 ALUM.	3 ALUM.	3 ALUM.	3 ALUM.	3 ALUM.	3 ALUM.	3 ALUM.	3 ALUM.	3 ALUM.	3 STEEL	4 STEEL	4 STEEL	4 STEEL

ALL DIMENSIONS IN INCHES.

PUL-AIR

The Pul-Air is a simple device. Its design permits an easy outward flow of air. There are no internal obstructions or moving parts to require maintenance. Durable galvanized steel or aluminum construction incorporates heavy swedges to stiffen the airshaft and windband where required. Pul-Air ventilators are an economical choice where gravity or relief ventilation is required on industrial or commercial buildings.



LEGEND

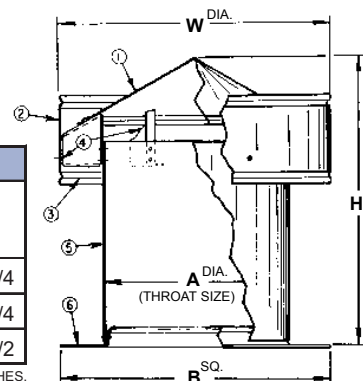
1. Conical cap
2. Windband
3. Stiffening swedges
4. Supporting webs
5. Swedged airshaft

SIZE	4	5	6	7	8	9	10	12	14	15	16	18	20	24	30	36
A DIA. THROAT SIZE	4	5	6	7	8	9	10	12	14	15	16	18	20	24	30	36
W DIA.	8 1/4	9 1/4	10 1/4	11 1/4	12 1/4	14 3/4	15 3/4	17 3/4	22	23	24	25 3/8	27 1/2	31 1/2	41 1/4	47 1/4
H HEIGHT	7 1/4	7 1/2	8 1/4	8 1/2	8 3/4	9 3/4	10 1/2	10 1/2	12	12 1/4	12 3/8	14 1/2	15 1/2	18 5/8	23 1/2	26 1/2

ALL DIMENSIONS IN INCHES.

INSUL-AIR

Where an extended airshaft is necessary, to clear the peak of a roof for example, the Insul-Air is the ideal choice. It features all the sturdy construction-details of the Pul-Air plus an extended airshaft and an integral flat mounting base. The Insul-Air is available in galvanized steel or aluminum.



LEGEND

1. Conical cap
2. Windband
3. Stiffening swedges
4. Supporting webs
5. Extended airshaft
6. Flat roof mounting base

SIZE	4	5	6	7	8	9	10	12
A DIA. THROAT SIZE	4	5	6	7	8	9	10	12
W DIA.	8 1/4	9 1/4	10 1/4	11 1/4	12 1/4	14 3/4	15 3/4	17 3/4
H HEIGHT	14 1/4	15 1/8	15 5/8	15 5/8	15 7/8	17 3/4	18	18 1/4
B SQ.	8	9	10	11	12	13	14	15 1/2

ALL DIMENSIONS IN INCHES.

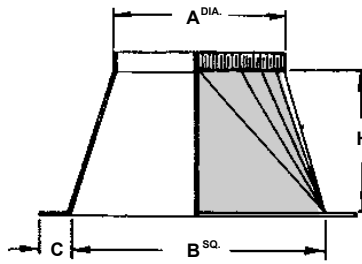
Options and Accessories

Gravity Ventilators

Bases

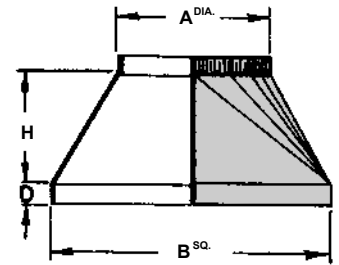
Mounting bases provide a solid, weatherproof seat for easy installation of ventilators on any style roof or curbs. Construction features heavy gauge galvanized steel or aluminum with swaged collars and wide flashing flanges. PennBarry bases support the ventilator and distribute weight evenly to roof supports. Taper cone design permits easy air movement.

Flat Roof (BSF)



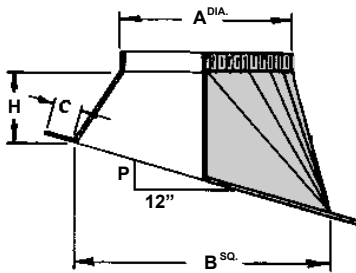
Flat Roof – For Flat Roof Mounting

Curb Mounted (BSC)



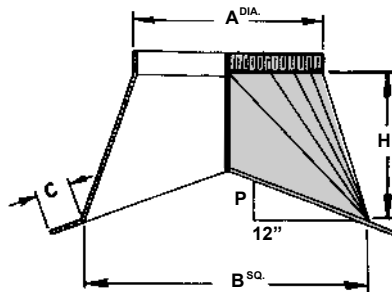
Curb Mounted – For use with Roof Curb

Single Slope (BSS)



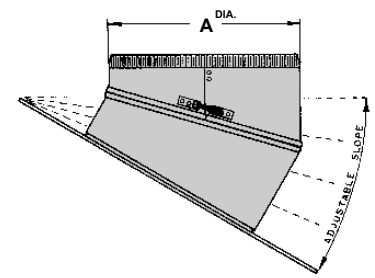
Single Slope – For Single Pitch Roof

Double Slope (BSR)



Double Slope – For Double Pitch Roof

Adjustable Base (ARJ)



Adjustable Base – For Single Pitch Roof

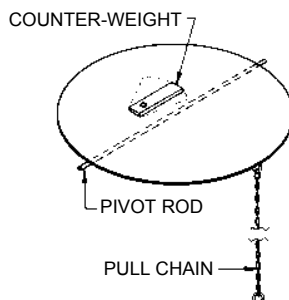
Dimensions

VENT SIZE	4	5	6	7	8	9	10	12	14	15	16	18	20	24	30	36
A DIA.	3 7/8	4 7/8	5 7/8	6 7/8	7 7/8	8 7/8	9 7/8	11 7/8	13 7/8	14 7/8	15 7/8	17 7/8	19 7/8	23 7/8	29 7/8	35 7/8
B DIA.	6	8	8	10	10	12	12	14	16	18	18	22	24	30	36	42
H	10	10	10	10	10	10	10	10	10	10	10	10	10	12	12	14
C	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

ALL DIMENSIONS IN INCHES.

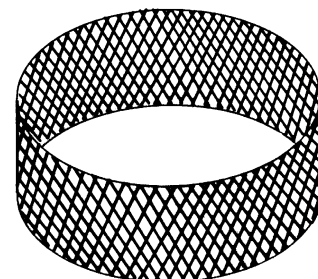
Single Leaf Damper

Available for Turbine, Pul-Air and Insul-Air.



Screens

Available as aluminum insect screen and as aluminum or galvanized bird screen.



OTHER PENNBARRY PRODUCTS

CENTRIFUGAL PRODUCTS



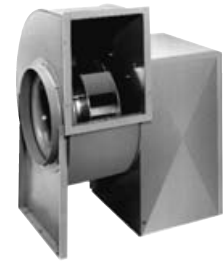
Domex
Centrifugal
Roof Exhausters



Fumex Fatrap
Kitchen Hood Centrifugal
Roof Exhausters



Zephyr
Ceiling and Inline Fans



Dynamo
Centrifugal Blowers



Centrex Inliner
Centrifugal Inline Fans



LC Dynafan
Low Contour Centrifugal
Roof Exhausters

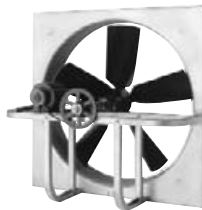


ESI
Efficient Silent
Inline Fan



Fume Exhaust
Curb Mounted
Centrifugal Fans

AXIAL / GRAVITY PRODUCTS



Breezeway
Propeller Wall Fans



HI-EX
Power Roof Ventilator



Tubeaxial
Inline Fans



Vaneaxial
Inline Fans



Powered Airette
Axial Roof Ventilators



Airette
Gravity Intake/Relief Hood



Domex Axial
Axial Roof Ventilators



Axcentrix
Bifurcator Fan

For more information contact your local PennBarry Sales
Manufacturer Representative or visit us at www.PennBarry.com