

BACKDRAFT DAMPERS

This model is a non-flanged horizontal mount exhaust backdraft damper. The frame is galvanized steel with aluminum blades. The blades have a felt seal on the leading edge for quiet closing and better protection from the weather. Spring assisted to allow blades to open quickly. Ideal for use in roof curbs, duct work, or wall collars when using a fan or power roof ventilator. Recommended for horizontal mount exhaust applications but it is also available for vertical mount.

Sizes available:

- 8" W x 8" H to 48" W x 60" H.
- Multiple panels for sizes over 48" x 60".
- Maximum free area velocity:
 - 2000 FPM on sizes up to 19".
 - 2250 FPM on sizes 20" and above.



2FTW8

SUPPLY FAN WALL SHUTTER

This model is a rear flanged gravity supply (intake) wall shutter. The frame and blades are mill finish aluminum with a galvanized reinforcement strip on each blade for added strength and counter balancing efficiency. The blades have a felt seal on the leading edge for quiet closing and better protection from the weather. Ideal for use with belt-driven centrifugal wall ventilators. Recommended for vertical mount supply (intake) only. The blades will pivot at the bottom and fall with gravity to open. Spring-assist to close.

Sizes available - 8" W x 8" H to 50" W x 50" H.
Maximum free area velocity - 2250 FPM.



4HX74

ECONOMY WALL EXHAUST SHUTTERS

This model is a rear flanged low velocity gravity exhaust shutter. The frame is galvanized steel with mill finish aluminum blades. The blades have a felt seal on the leading edge for quiet closing and better protection from the weather. Ideal for use with direct-drive or belt-driven exhaust fans. Recommended for vertical mount exhaust applications only.

Sizes available - 8" W x 8" H to 24" W x 24" H.
Maximum free area velocity - 2000 FPM.



2C520

DAMPER SIZE (IN.)	OVERALL SIZE (IN.)	ITEM NO.
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NO FLANGE, EXHAUST BACKDRAFT DAMPERS

7 3/4 X 7 3/4	7 3/4 X 7 3/4	3HHL4
9 3/4 X 9 3/4	9 3/4 X 9 3/4	2FTW8
11 3/4 X 11 3/4	11 3/4 X 11 3/4	2FTX4
13 3/4 X 13 3/4	13 3/4 X 13 3/4	2FTX5
15 3/4 X 15 3/4	15 3/4 X 15 3/4	3HHL5
17 3/4 X 17 3/4	17 3/4 X 17 3/4	2FTU9
19 3/4 X 19 3/4	19 3/4 X 19 3/4	3HHL6
23 3/4 X 23 3/4	23 3/4 X 23 3/4	2FTV7
27 3/4 X 27 3/4	27 3/4 X 27 3/4	3HHL7
29 3/4 X 29 3/4	29 3/4 X 29 3/4	3HHL8
33 3/4 X 33 3/4	33 3/4 X 33 3/4	3HHL9
35 3/4 X 35 3/4	35 3/4 X 35 3/4	3HHL1
39 3/4 X 39 3/4	39 3/4 X 39 3/4	3HHL2
41 3/4 X 41 3/4	41 3/4 X 41 3/4	6WRK7
47 3/4 X 47 3/4	47 3/4 X 47 3/4	3HHL3
49 3/4 X 49 3/4	49 3/4 X 49 3/4	6WRK8
55 3/4 X 55 3/4	55 3/4 X 55 3/4	5NKN7
59 3/4 X 59 3/4	59 3/4 X 59 3/4	5NKN8
61 3/4 X 61 3/4	61 3/4 X 61 3/4	6WRK9
63 3/4 X 63 3/4	63 3/4 X 63 3/4	5NKN9

FLANGED, EXHAUST BACKDRAFT DAMPERS

9 1/2 X 9 1/2	11 1/2 X 11 1/2	3TZ50
12 X 12	14 X 14	4HX64
15 X 15	17 X 17	4HX65
19 X 19	21 X 21	4HX66
23 X 23	25 X 25	4HX67
27 X 27	29 X 29	4HX68
35 X 35	37 X 37	4HX69
39 X 39	41 X 41	4HX70
50 X 50	52 X 52	4HX71

WALL MOUNT, SUPPLY BACKDRAFT DAMPERS

8 X 8	10 3/4 X 10 3/4	4HX72
10 X 10	12 3/4 X 12 3/4	4HX73
11 X 11	13 3/4 X 13 3/4	4HX33
12 X 12	14 3/4 X 14 3/4	4HX74
13 X 13	15 3/4 X 15 3/4	4HX75
14 X 14	16 3/4 X 16 3/4	4HX76
15 X 15	17 3/4 X 17 3/4	4HX77
17 X 17	19 3/4 X 19 3/4	5NKN4
20 X 20	22 3/4 X 22 3/4	5NKN5
25 X 25	27 3/4 X 27 3/4	5NKN6

FITS FAN DIA. (IN.)	OPENING REQ. (IN.)	OVERALL SQUARE (IN.)	ITEM NO.
10	10 1/2 X 10 1/2	13	2C517
12	12 1/2 X 12 1/2	15	2C518
14	14 1/2 X 14 1/2	17	3HHP5
16	16 1/2 X 16 1/2	19	2C520
18	18 1/2 X 18 1/2	21	2C521
20	20 1/2 X 20 1/2	23	2C522
24	24 1/2 X 24 1/2	27	2C523

GALVANIZED STEEL FRAME WALL EXHAUST SHUTTER

This model is a rear flanged general purpose exhaust shutter. The frame is galvanized steel with mill finish aluminum blades. The blades have a galvanized steel reinforcement strip across the top of each blade for added strength and counter balancing efficiency. The blades have a felt seal on the leading edge for quiet closing and better protection from the weather. Ideal for use with direct-drive or belt-driven exhaust fans. Recommended for vertical mount exhaust applications only.

Sizes available – 10" W x 10" H to 60" W x 60" H.
Maximum free area velocity – 2500 FPM.



1C743

ALUMINUM WALL EXHAUST SHUTTER (REAR FLANGED)

This model is a rear flanged exhaust shutter for areas where corrosion may be a problem. The frame is mill finish aluminum. The blades have a white enamel finish and a galvanized reinforcement strip across the top of each blade for added strength and counter balancing efficiency. The blades have a felt seal on the leading edge for quiet closing and better protection from the weather. Ideal for use with direct-drive or belt-driven exhaust fans. Recommended for vertical mount exhaust applications only.

Sizes available – 10" W x 10" H to 60" W x 60" H.
Maximum free area velocity – 2500 FPM.



4C556

ALUMINUM WALL EXHAUST SHUTTER (FRONT FLANGED)

This model is a front flanged exhaust shutter for areas that require a flush mount. The frame and blades are mill finish aluminum. The blades have a galvanized reinforcement strip across the top of each blade for added strength and counter balancing efficiency. The blades have a felt seal on the leading edge for quiet closing and better protection from the weather. Ideal for use with cabinet fans and flush mount direct-drive or belt-driven exhaust fans. Recommended for vertical mount exhaust applications only.

Sizes available – 10" W x 10" H to 60" W x 60" H.
Maximum free area velocity – 2500 FPM.



3HHN6

FITS FAN DIA. (IN.)	OPENING REQ. (IN.) A	OVERALL SQ. (IN.) B	GALVANIZED STEEL ITEM NO.	ALUMINUM REAR FLANGE ITEM NO.	ALUMINUM FRONT FLANGE ITEM NO.
GRAVITY OPERATED, SINGLE PANEL					
10	10 1/2 X 10 1/2	13	2C526	4C555	3HHN4
12	12 1/2 X 12 1/2	15	1C742	4C556	3HHN5
16	16 1/2 X 16 1/2	19	1C743	4C557	3HHN6
18	18 1/2 X 18 1/2	21	1C744	4C558	3HHN7
20	20 1/2 X 20 1/2	23	1C745	4C559	3HHN8
24	24 1/2 X 24 1/2	27	1C746	3C308	2FTW6
30	30 1/2 X 30 1/2	33	1C055	3C309	2FTX1
36	36 1/2 X 36 1/2	39	4C521	3C310	2FTW7

FITS FAN DIA. (IN.)	OPENING REQ. (IN.) A	OVERALL SQ. (IN.) B	GALVANIZED STEEL ITEM NO.	ALUMINUM REAR FLANGE ITEM NO.	ALUMINUM FRONT FLANGE ITEM NO.
GRAVITY OPERATED, DOUBLE PANEL					
36	36 1/2 X 36 1/2	39	1C209	4C835	3HHN9
42	42 1/2 X 42 1/2	45	1C210	3C311	2FTW1
48	48 1/2 X 48 1/2	51	1C211	3C312	2FTX3
54	54 1/2 X 54 1/2	57	3C115	3C313	3HHP1
60	60 1/2 X 60 1/2	63	3C116	3C314	3HHP2

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HIGH VELOCITY WALL EXHAUST SHUTTER

This model is a rear flanged exhaust shutter for applications that require higher velocities. The frame and blades are mill finish extruded aluminum with stainless steel tie rods. Ideal for use with direct-drive or belt-driven exhaust fans. Recommended for vertical mount exhaust applications only.

Sizes available – 12" W x 12" H to 60" W x 60" H.
Maximum free area velocity – 3250 FPM.

FITS FAN DIA. (IN.)	OPENING REQ. (IN.) A	OVERALL SQ. (IN.) B	ITEM NO.
GRAVITY OPERATED, SINGLE PANEL			
12	12 1/2 X 12 1/2	15	4FZH3
16	16 1/2 X 16 1/2	19	4FZH4
18	18 1/2 X 18 1/2	21	4FZH5
20	20 1/2 X 20 1/2	23	4FZH6
24	24 1/2 X 24 1/2	27	4FZH7
30	30 1/2 X 30 1/2	33	4FZH8
36	36 1/2 X 36 1/2	39	4FZH9

FITS FAN DIA. (IN.)	OPENING REQ. (IN.) A	OVERALL SQ. (IN.) B	ITEM NO.
GRAVITY OPERATED, DOUBLE PANEL			
42	42 1/2 X 42 1/2	45	4FZJ1
48	48 1/2 X 48 1/2	51	4FZJ2
54	54 1/2 X 54 1/2	57	45C662
60	60 1/2 X 60 1/2	63	45C663



4FZH4



5C212

FIBERGLASS WALL EXHAUST SHUTTER

This model is a rear flanged exhaust shutter for areas where corrosion is a known problem. The frame and blades are a heavy duty fiberglass pultrusion with stainless steel tie rods. Ideal for use with direct-drive or belt-driven exhaust fans in chemical plants and poultry/swine confinement operations. Recommended for vertical mount exhaust applications only.

Sizes available - 10" W x 10" H to 60" W x 60" H.
Maximum free area velocity – 2500 FPM.

STAINLESS STEEL WALL SHUTTER

This model is a rear flanged exhaust shutter for areas that require extreme corrosion resistance. The frame and blades are 304 stainless steel with stainless steel tie rods and hardware. Ideal for use with direct-drive or belt-driven exhaust fans in chemical plants and food processing operations. Recommended for vertical mount exhaust applications only.

Sizes available – 10" W x 10" H to 36" W x 36" H.
Maximum free area velocity – 2500 FPM.



4FZJ5

FITS FAN DIA. (IN.)	OPENING REQ. (IN.) A	OVERALL SQ. (IN.) B	FIBERGLASS ITEM NO.	STAINLESS STEEL ITEM NO.
GRAVITY OPERATED, SINGLE PANEL				
10	10 1/2 X 10 1/2	13	5C210	4FZJ3
12	12 1/2 X 12 1/2	15	5C211	4FZJ4
16	16 1/2 X 16 1/2	19	5C212	4FZJ5
18	18 1/2 X 18 1/2	21	5C213	4FZJ6
20	20 1/2 X 20 1/2	23	5C214	4FZJ7
24	24 1/2 X 24 1/2	27	5C215	-
30	30 1/2 X 30 1/2	33	5C216	-
36	36 1/2 X 36 1/2	39	5C217	-

FITS FAN DIA. (IN.)	OPENING REQ. (IN.) A	OVERALL SQ. (IN.) B	FIBERGLASS ITEM NO.	STAINLESS STEEL ITEM NO.
GRAVITY OPERATED, DOUBLE PANEL				
24	24 1/2 X 24 1/2	27	-	4FZJ8
30	30 1/2 X 30 1/2	33	-	4FZJ9
36	36 1/2 X 36 1/2	39	5C218	4FZK1
42	42 1/2 X 42 1/2	45	5C219	-
48	48 1/2 X 48 1/2	51	5C220	-
54	54 1/2 X 54 1/2	57	5C221	-
60	60 1/2 X 60 1/2	63	5C222	-

AGRICULTURAL WALL EXHAUST SHUTTERS

ALUMINUM FRAME / PVC BLADES

This model is a rear flanged exhaust shutter for areas where corrosion is a known problem. The frame is painted extruded aluminum with UV stabilized PVC blades and yellow zinc dichromate rods running the full length of the blades. Ideal for direct-drive or belt-driven cone or slant-wall exhaust fans in poultry or swine confinement operations. Recommended for vertical mount exhaust applications only. Available in black or white.

Maximum free area velocity – 1500 FPM.



3HHP7

ALUMINUM FRAME / ALUMINUM BLADES

This model is a rear flanged exhaust shutter for areas where corrosion is a known problem. The frame is mill finish extruded aluminum with mill finish aluminum blades. The blades have an aluminum reinforcement strip across the top of each blade for added strength and counter balancing efficiency. The blades have a rubber seal on the leading edge for better protection from the weather. Ideal for direct-drive or belt-driven cone or slant-wall exhaust fans in poultry or swine confinement operations. Recommended for vertical mount exhaust applications only. Blades are available with a Polar White Finish.

Maximum free area velocity – 2500 FPM.

GALVANIZED FRAME / PVC BLADES

This model is a rear flanged exhaust shutter for areas where corrosion is a known problem. The frame is galvanized steel with UV stabilized PVC blades with stainless steel tie rods and fasteners. Ideal for direct-drive or belt-driven cone or slant-wall exhaust fans in poultry or swine confinement operations. Recommended for vertical mount exhaust applications only. Blades are available in black or white.

Maximum free area velocity -1500 FPM.



4TM09

FITS FAN DIA. (IN.)	OPENING REQ. (IN.)	OVERALL SQUARE (IN.)	BLADE MATERIAL	NO. OF PANELS	ITEM NO.
G-90 GALVANIZED STEEL FRAME AND TIE RODS					
36	39 1/2 H X 39 1/2 W	42	MILL FINISH ALUMINUM	1	2FTX7
48	51 1/2 H X 51 1/2 W	54	MILL FINISH ALUMINUM	2	2FTX8
48	54 H X 54 1/2 W	57 1/4	MILL FINISH ALUMINUM	2	4GY95
G-90 GALVANIZED STEEL FRAME AND STAINLESS STEEL TIE RODS					
36	36 1/2 H X 36 1/2 W	39	BLACK PVC	1	3JA22
36	36 1/2 H X 36 1/2 W	39	WHITE PVC	1	4TM09
36	36 1/2 H X 36 1/2 W	39	WHITE PVC	2	4TM08
36	39 1/2 H X 39 1/2 W	42	WHITE PVC	1	2FTW9
48	48 1/2 H X 48 1/2 W	51	WHITE PVC	2	4TM10
48	51 1/2 H X 51 1/2 W	54	WHITE PVC	2	2FTV8
EXTRUDED ALUMINUM FRAME WITH YELLOW ZINC DICHROMATE RODS					
16	16 3/4 H X 16 3/4 W	19	BLACK PVC	1	3HHP6
16	16 3/4 H X 16 3/4 W	19	WHITE PVC	1	3HHP8
24	24 3/4 H X 24 3/4 W	27	BLACK PVC	1	3HHP7
24	24 3/4 H X 24 3/4 W	27	WHITE PVC	1	3HHP9
36	36 3/4 H X 36 3/4 W	39	BLACK PVC	2	4GY96
36	36 3/4 H X 36 3/4 W	39	WHITE PVC	2	4GY98
36	39 3/4 H X 39 3/4 W	42	BLACK PVC	2	2FTW5
36	39 3/4 H X 39 3/4 W	42	WHITE PVC	2	2FTV6
48	51 3/4 H X 51 3/4 W	54	BLACK PVC	3	2FTX9
48	51 3/4 H X 51 3/4 W	54	WHITE PVC	3	2FTW2
48	54 3/4 H X 54 3/4 W	57	BLACK PVC	3	4GY97
48	54 3/4 H X 54 3/4 W	57	WHITE PVC	3	4GY99
EXTRUDED ALUMINUM FRAME WITH ALUMINUM BLADES					
36	39 1/2 H X 39 1/2 W	42	MILL FINISH ALUMINUM	2	45C666
48	51 1/2 H X 51 1/2 W	54	MILL FINISH ALUMINUM	2	45C667
48	54 H X 54 1/2 W	57 1/4	MILL FINISH ALUMINUM	2	45C668

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