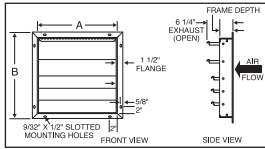




Single- and Double-Panel Exhaust Shutters



- Exhaust only
- Mount: vertical
- Max. velocity: 2500 fpm
- 1 1/2" flange

Efficient shutters for direct- or belt-driven exhaust fans are designed to prevent air backflow when the fan is off. Counterbalanced louvers with felted edges (except fiberglass models) open easily and seal quietly. Units with 54" and 60" galvanized and aluminum shutters have 4 additional tie rods on the discharge side for smooth, quiet operation.

G-90 Galvanized Steel Frame—For general purpose applications. 26-ga. mill-finish aluminum louvers with galvanized steel reinforcement strip. Stainless steel rivets. Frame depth: 2 1/2" for 10" to 24" models, 3" for models 30" and up.

Extruded Aluminum Frame—For areas where corrosion may be a problem. Aluminum louvers have white enamel finish, galvanized steel reinforcement strip, and stainless steel rivets.

Fiberglass Frame—For use in areas where corrosion is a known problem, such as chemical plants and poultry/swine confinement operations. Heavy-duty fiberglass frame with stainless steel pins and bearings at pivot points. 3"-deep frame and 14-ga. tie rod, except 10" and 12" models have 16-ga. tie rod. Optional Shutter Motors 45C683, 45C664, and 45C665 can be used without additional motor setup; sold separately on this page.

Front-Flange, Extruded Aluminum

Frame—For cabinet fans and flush-mount wall exhaust applications. Frame has G-90 galvanized steel tie rods and stainless steel rivets and pivot pins. Mill-finish aluminum louvers with galvanized steel reinforcement strip open easily and minimize load on the fan.

Stainless Steel Frame—For applications that require extreme corrosion resistance. Frame, louvers, tie rods, and all fasteners are stainless steel. Frame depth: 2". Shutter motors not available.

Optional Shutter Motors For Single-Panel Shutters—For exhaust installations on single-panel shutters only; vertical mount only. 6 3/4"H x 4"W x 4 3/4"D (installed depth from frame back). Actuator includes end switch. 100-240V, 2.0/1.3A, 50/60 Hz.

Optional Shutter Motors For Double-Panel Shutters—For exhaust installations on double-panel shutters only; vertical mount only. Dimensions include installed depth from frame back:

24N065: 6 1/2"H x 4"W x 6 1/4"D. 100-240V, 2.0/1.3A, 50/60 Hz. Actuator includes end switch.

4C885: 9 3/4"H x 5 7/8"W x 7 1/4"D. 100-240V, 0.25/0.20A, 60 Hz. Includes 6" leads with junction box.

Optional Pull Chain Kits—Adapt single- or double-panel exhaust shutters for manual operation. Each includes zinc-plated S-hooks, return springs, and 4-ft. pull chain.



1C742



3HHN6



2FTW1

Fits Fan Dia.	Shutter Opening Required, A	Shutter Overall Size, B	Shutter Free Area	G-90 GALVANIZED STEEL FRAME AND TIE RODS Item No.	EXTRUDED ALUMINUM FRAME AND G-90 GALVANIZED TIE RODS Item No.	FIBERGLASS FRAME AND STAINLESS STEEL TIE RODS Item No.	FRONT FLANGE, EXTRUDED ALUMINUM FRAME AND G-90 GALVANIZED TIE RODS Item No.	STAINLESS STEEL FRAME AND TIE RODS Item No.
Gravity Operated, Single Panel								
10 in	10 1/2" x 10 1/2"	13" x 13"	0.645 sq ft	2C526	4C555	5C210	3HHN4	4FZJ3
12 in	12 1/2" x 12 1/2"	15" x 15"	0.786 sq ft	1C742	4C556	5C211	3HHN5	4FZJ4
16 in	14 1/2" x 14 1/2"	17" x 17"	0.927 sq ft	53DR10	53DR12	—	53DR16	—
16 in	16 1/2" x 16 1/2"	19" x 19"	1.436 sq ft	1C743	4C557	5C212	3HHN6	4FZJ5
18 in	18 1/2" x 18 1/2"	21" x 21"	2.043 sq ft	1C744	4C558	5C213	3HHN7	4FZJ6
20 in	20 1/2" x 20 1/2"	23" x 23"	2.281 sq ft	1C745	4C559	5C214	3HHN8	4FZJ7
24 in	22 1/2" x 22 1/2"	25" x 25"	2.519 sq ft	53DR11	53DR13	—	53DR17	—
24 in	24 1/2" x 24 1/2"	27" x 27"	3.32 sq ft	1C746	3C308	5C215	2FTW6	—
30 in	30 1/2" x 30 1/2"	33" x 33"	5.452 sq ft	1C055	3C309	5C216	2FTX1	—
36 in	36 1/2" x 36 1/2"	39" x 39"	7.436 sq ft	4C521	3C310	5C217	2FTW7	—
36 in	39 1/2" x 39 1/2"	42" x 42"	8.995 sq ft	—	53DR14	—	53DR18	—
Gravity Operated, Double Panel								
24 in	24 1/2" x 24 1/2"	27" x 27"	3.32 sq ft	—	—	—	—	4FZJ8
30 in	30 1/2" x 30 1/2"	33" x 33"	5.452 sq ft	—	—	—	—	4FZJ9
36 in	36 1/2" x 36 1/2"	39" x 39"	7.071 sq ft	1C209	4C835	—	3HHN9	—
36 in	36 1/2" x 36 1/2"	39" x 39"	7.436 sq ft	—	—	—	—	4FZK1
42 in	42 1/2" x 42 1/2"	45" x 45"	10.253 sq ft	1C210	3C311	—	2FTW1	—
48 in	48 1/2" x 48 1/2"	51" x 51"	12.924 sq ft	1C211	3C312	—	2FTX3	—
48 in	51 1/2" x 51 1/2"	54" x 54"	14.841 sq ft	—	53DR15	—	53DR19	—
54 in	54 1/2" x 54 1/2"	57" x 57"	17.007 sq ft	3C115	3C313	—	3HHP1	—
60 in	60 1/2" x 60 1/2"	63" x 63"	20.399 sq ft	3C116	3C314	—	3HHP2	—

Accessories

Optional Shutter Motor For Use with Single-Panel Wall Shutters (Except Fiberglass)	24N064
Optional Shutter Counterclockwise Rotation Motor For Use with Double-Panel Wall Shutters (Except Fiberglass)	24N065
Optional Shutter Motor For Use with Dayton(R) Double-Panel Exhaust Shutters 54 in to 60 in (Except Fiberglass)	4C885
Optional Pull Chain Kit For Use with Dayton(R) Single-Panel Exhaust Shutters	2FTW3
Optional Pull Chain Kit For Use with Dayton(R) Double-Panel Exhaust Shutters	2FTY2



4FZH4

High Velocity Single- and Double-Panel Exhaust Shutters

- Exhaust only
- Mount: vertical
- Max. velocity: 3000 fpm
- 1 1/2" flange

Designed to prevent air backflow in high-velocity applications when the fan is off. Mill-finish extruded aluminum frame and louvers with stainless steel tie rods and fasteners provide strength, durability, and long-lasting corrosion resistance. Pre-punched mounting holes; installation hardware not included.

Optional Pull Chain Kits—Adapt single- or double-panel exhaust shutters for manual operation. Each includes zinc-plated S-hooks, return springs, and 4-ft. pull chain.

Fits Fan Dia.	Shutter Opening Req.	Shutter Overall Size	Shutter Free Area	Frame Depth	Open Depth	EXTRUDED ALUMINUM FRAME & STAINLESS STEEL TIE RODS Item No.
Gravity Operated, Single Panel						
12 in	12 1/2 in x 12 1/2 in	15 in x 15 in	0.786 sq ft	3 in	6 1/4 in	4FZH3
16 in	16 1/2 in x 16 1/2 in	19 in x 19 in	1.436 sq ft	3 in	6 1/4 in	4FZH4
18 in	18 1/2 in x 18 1/2 in	21 in x 21 in	2.043 sq ft	3 in	6 1/4 in	4FZH5
20 in	20 1/2 in x 20 1/2 in	23 in x 23 in	2.281 sq ft	3 in	6 1/4 in	4FZH6
24 in	24 1/2 in x 24 1/2 in	27 in x 27 in	3.32 sq ft	3 in	6 1/4 in	4FZH7
30 in	30 1/2 in x 30 1/2 in	33 in x 33 in	5.452 sq ft	3 in	6 1/4 in	4FZH8
36 in	36 1/2 in x 36 1/2 in	39 in x 39 in	7.436 sq ft	3 in	6 1/4 in	4FZH9
Gravity Operated, Double Panel						
42 in	42 1/2 in x 42 1/2 in	45 in x 45 in	10.253 sq ft	3 in	6 1/4 in	4FZJ1
48 in	48 1/2 in x 48 1/2 in	51 in x 51 in	12.924 sq ft	3 in	6 1/4 in	4FZJ2
54 in	54 1/2 in x 54 1/2 in	57 in x 57 in	17.007 sq ft	3 in	6 1/4 in	45C662
60 in	60 1/2 in x 60 1/2 in	63 in x 63 in	20.399 sq ft	3 in	6 1/4 in	45C663
Accessories						
Optional Shutter Motor For Use with High-Velocity and Fiberglass Single-Panel Exhaust Shutters 10" to 36"	45C683					
Optional Shutter Motor For Use with High-Velocity and Fiberglass Double-Panel Exhaust Shutters 36" to 48"	45C664					
Optional Shutter Motor For Use with High-Velocity and Fiberglass Double-Panel Exhaust Shutters 49" to 60"	45C665					
Optional Pull Chain Kit For Use with Dayton(R) Single-Panel Exhaust Shutters	2FTW3					
Optional Pull Chain Kit For Use with Dayton(R) Double-Panel Exhaust Shutters	2FTY2					