



EXHAUST AND SUPPLY SHUTTERS

Triangle's Shutters are designed for long lasting operation and proper air flow. With a bronze finish, polyester powder coated, welded galvanized steel frame, extruded aluminum blades and bronze pivot bushings, Triangle Shutters are equipped to withstand even the most demanding environments.

Note: Triangle's Supply Shutters must be equipped with an operator. Shutter must be opened before fan is energized.

Features

- Exhaust and Supply Models
- Extruded aluminum blades
- Welded galvanized steel frame
- Bronze pivot bushings
- Bronze finish, polyester powder coated frame
- Single and double panel models
- Wall mount and fan mount models



SINGLE PANEL SHUTTERS



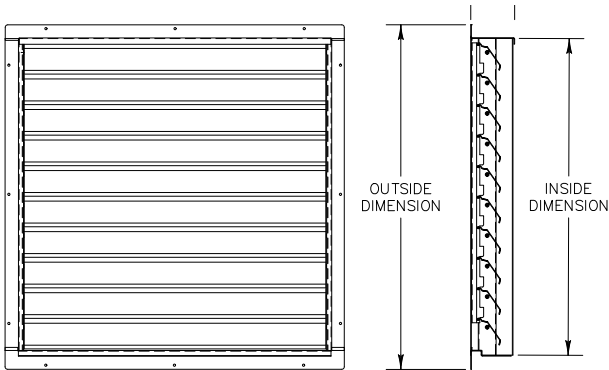
- Welded galvanized steel frame
- Bronze pivot bushings
- Extruded aluminum blades
- Bronze finish, polyesters powder coated frame
- Wall mount and Fan Mount Models

WALL MOUNTED MODELS

Fan Size	Outside Dimension	Inside Dimension	Depth	Weight	Max HP	Exhaust Model	Supply Model
---	27 3/8" x 27 3/8"	24" x 24"	4"	22	0.75	IWS18	RIWS18
24"	33 3/8" x 33 3/8"	31" x 31"	4"	26	0.75	IWS24	RIWS24
30"	36 3/8" x 36 3/8"	34" x 34"	4"	29	1	IWS30	RIWS30
36"	42 3/8" x 42 3/8"	40" x 40"	4"	39	1.5	IWS36	RIWS36
42"	48 3/8" x 48 3/8"	46" x 46"	4"	44	2	IWS42	RIWS42
48"	54 3/8" x 54 3/8"	52" x 52"	4"	55	3	IWS48	RIWS48

FAN HOUSING MOUNTED MODELS

Fan Size	Outside Dimension	Inside Dimension	Depth	Weight	Max HP	Exhaust Model	Supply Model
24"	30 3/8" x 30 3/8"	28" x 28"	4"	24	0.75	IWS21	RIWS21
30"	33 3/8" x 33 3/8"	31" x 31"	4"	26	0.75	IWS24	RIWS24
36"	39 3/8" x 39 3/8"	37" x 37"	4"	33	1	IWS33	RIWS33
42"	45 3/8" x 45 3/8"	43" x 43"	4"	42	1.5	IWS39	RIWS39
48"	51 3/8" x 51 3/8"	49" x 49"	4"	49	2	IWS45	RIWS45



Single Panel Operators

Manual Pull Chain	IWS 155
Electric	IWS 3187

Note: Triangle's supply shutters must be equipped with an operator. Shutter must be opened before fan is energized.

Shutters must be mounted with a minimum of 6" from fan blades.

Best performance is achieved with a distance of one half the blade diameter between the blades and the shutter.

Shutters mounted directly to housing will slightly reduce fan performance and increase motor load.





DOUBLE PANEL SHUTTERS

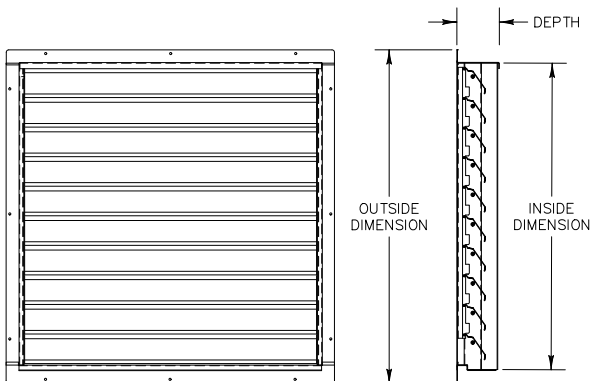
- Welded galvanized steel frame
- Bronze pivot bushings
- Extruded aluminum blades
- Bronze finish polyester powder coated frame
- Wall mount and fan mount models

WALL MOUNTED MODELS

Fan Size	Outside Dimension	Inside Dimension	Depth	Weight	Exhaust Model	Supply Model
36"	42 3/8" x 42 3/8"	40" x 40"	4"	52	IWSD36	RIWSD36
42"	48 3/8" x 48 3/8"	46" x 46"	4"	57	IWSD42	RIWSD42
48"	54 3/8" x 54 3/8"	52" x 52"	4"	65	IWSD48	RIWSD48
54"	63 3/8" x 63 3/8"	61" x 61"	4"	76	IWSD54	RIWSD54
60"	69 3/8" x 69 3/8"	67" x 67"	4"	88	IWSD60	RIWSD60

FAN HOUSING MOUNTED MODELS

Fan Size	Outside Dimension	Inside Dimension	Depth	Weight	Exhaust Model	Supply Model
36"	39 3/8" x 39 3/8"	37" x 37"	4"	49	IWSD33	RIWSD33
42"	45 3/8" x 45 3/8"	43" x 43"	4"	55	IWSD39	RIWSD39
48"	51 3/8" x 51 3/8"	49" x 49"	4"	63	IWSD45	RIWSD45
54"	62 1/4" x 62 1/4"	61" x 61"	4"	74	IWSD51	RIWSD51
60"	68 1/4" x 68 1/4"	67" x 67"	4"	86	IWSD57	RIWSD57



Double Panel Operators

Manual Pull Chain	IWS 255
Electric	IWS 3187*

*2 Required per shutter

Note: Triangle's supply shutters must be equipped with an operator. Shutter must be opened before fan is energized.

Shutters must be mounted with a minimum of 6" from fan blades.

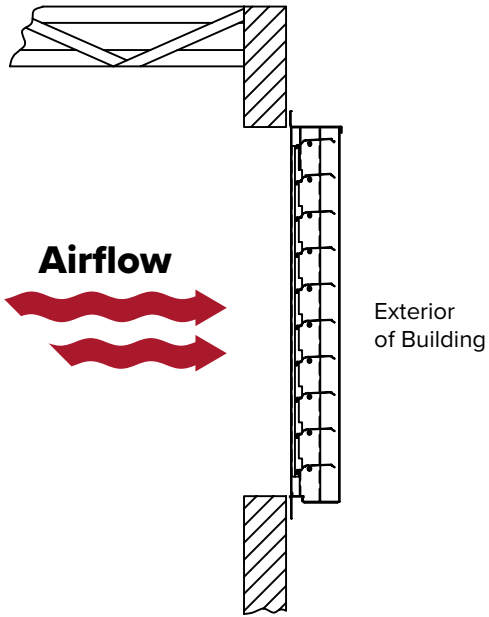
Best performance is achieved with a distance of one half the blade diameter between the blades and the shutter.

Shutters mounted directly to housing will slightly reduce fan performance and increase motor load.



EXHAUST AND SUPPLY SHUTTERS

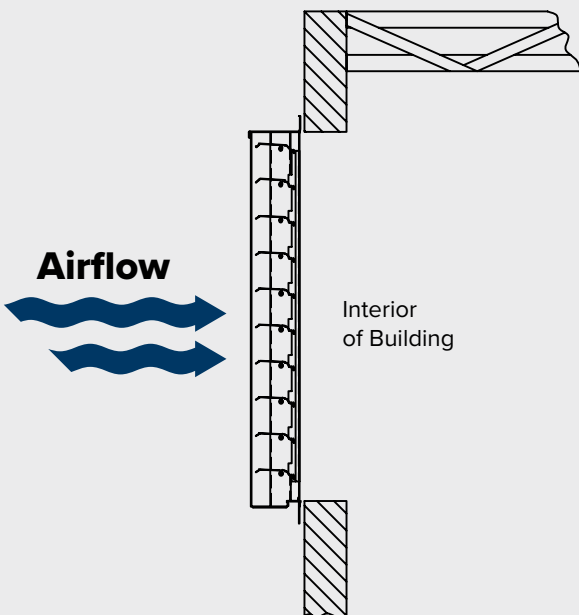
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EXHAUST SHUTTERS

Triangle manufactures a full range of gravity exhaust shutters to meet your needs. All of our shutters are designed and engineered to combine durability and strength.

- Sizes range from 27 3/8" square up to 69 3/8" square
- Single and double panel models
- Bronze pivot bushings
- Extruded aluminum blades
- Welded galvanized steel frame
- Bronze finish polyester powder coated frame



SUPPLY SHUTTERS

Triangle manufactures a full range of supply shutters (back draft dampers) to meet your needs. All of our shutters are designed and engineered to combine durability and strength.

- Sizes range from 27 3/8" square up to 69 3/8" square
- Single and double panel models
- Bronze pivot bushings
- Extruded aluminum blades
- Welded galvanized steel frame
- Bronze finish polyester powder coated frame

Airflow is going against the shutter blades.

Supply shutters must be equipped with an operator. Shutter must be opened before fan is energized.

