



"IWS SERIES" EXTERIOR WALL **EXHAUST** SHUTTERS



Exhaust shutters automatically open and close with fan operation

Extruded corrosion resistant aluminum mill finish blades.

Durable bronze bushings for smooth, maintenance free operation

Polyester powder coated steel frame.

SINGLE PANEL (LOW FACE VELOCITY)

MOUNTS TO OUTSIDE WALL

MODEL #	FAN SIZE	OUTSIDE DIM	INSIDE DIM	DEPTH	WEIGHT	MAX HP
IWS 18	18"	27 3/8" x 27 3/8"	24" x 24"	4"	22	0.75
IWS 24	24"	33 3/8" x 33 3/8"	31" x 31"	4"	26	0.75
IWS 30	30"	36 3/8" x 36 3/8"	34" x 34"	4"	29	1.00
IWS 36	36"	42 3/8" x 42 3/8"	40" x 40"	4"	39	1.50
IWS 42	42"	48 3/8" x 48 3/8"	46" x 46"	4"	44	2.00
IWS 48	48"	54 3/8" x 54 3/8"	52" x 52"	4"	55	3.00

MOUNTS DIRECTLY TO FAN HOUSING

IWS 21	24"	30 3/8" x 30 3/8"	28" x 28"	4"	24	0.75
IWS 24	30"	33 3/8" x 33 3/8"	31" x 31"	4"	26	0.75
IWS 33	36"	39 3/8" x 39 3/8"	37" x 37"	4"	33	1.00
IWS 39	42"	45 3/8" x 45 3/8"	43" x 43"	4"	42	1.50
IWS 45	48"	51 3/8" x 51 3/8"	49" x 49"	4"	49	2.00

Double Panel Shutters are required for Higher Horsepower Fans

DOUBLE PANEL (HIGH FACE VELOCITY)

MOUNTS TO OUTSIDE WALL

MODEL #	FAN SIZE	OUTSIDE DIM	INSIDE DIM	DEPTH	WEIGHT	MIN HP
IWSD 36	36"	42 3/8" x 42 3/8"	40" x 40"	4"	52	2.00
IWSD 42	42"	48 3/8" x 48 3/8"	46" x 46"	4"	57	3.00
IWSD 48	48"	54 3/8" x 54 3/8"	52" x 52"	4"	65	5.00
IWSD 54	54"	63 3/8" x 63 3/8"	61" x 61"	4"	76	2.00
IWSD 60	60"	69 3/8" x 69 3/8"	67" x 67"	4"	88	2.00

MOUNTS DIRECTLY TO FAN HOUSING

IWSD 33	36"	39 3/8" x 39 3/8"	37" x 37"	4"	49	1.50
IWSD 39	42"	45 3/8" x 45 3/8"	43" x 43"	4"	55	2.00
IWSD 45	48"	51 3/8" x 51 3/8"	49" x 49"	4"	63	3.00
IWSD 51	54"	62 1/4" x 62 1/4"	61" x 61"	4"	74	2.00
IWSD 57	60"	68 1/4" x 68 1/4"	67" x 67"	4"	86	2.00

Note: 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 (For example 42" dia blade ÷ 2 = 21" away from fan blades).

Note: Shutters mounted directly to housing will slightly reduce the fan's performance, increasing motor load and lowering fan's airflow.



"RIWS SERIES" EXTERIOR WALL **SUPPLY** SHUTTERS



Supply shutters must be fully opened before starting fan.
Requires mechanical operation.

Extruded corrosion resistant aluminum mill finish blades.
Durable bronze bushings for smooth, maintenance free operation
Polyester powder coated steel frame.

SINGLE PANEL (LOW FACE VELOCITY)

MOUNTS TO OUTSIDE WALL

MODEL #	FAN SIZE	OUTSIDE DIM	INSIDE DIM	DEPTH	WEIGHT	MAX HP
RIWS 24	24"	33 3/8" x 33 3/8"	31" x 31"	4"	26	0.75
RIWS 30	30"	36 3/8" x 36 3/8"	34" x 34"	4"	29	1.00
RIWS 36	36"	42 3/8" x 42 3/8"	40" x 40"	4"	39	1.50
RIWS 42	42"	48 3/8" x 48 3/8"	46" x 46"	4"	44	2.00
RIWS 48	48"	54 3/8" x 54 3/8"	52" x 52"	4"	55	3.00

MOUNTS DIRECTLY TO FAN HOUSING

RIWS 33	36"	39 3/8" x 39 3/8"	37" x 37"	4"	33	1.00
RIWS 39	42"	45 3/8" x 45 3/8"	43" x 43"	4"	42	1.50
RIWS 45	48"	51 3/8" x 51 3/8"	49" x 49"	4"	49	2.00

SINGLE PANEL OPENERS



IWS 155

MANUAL PULL CHAIN



IWS 3187

ELECTRIC MOTOR w/LINKAGE
115/230 Volts .5/.25 Amps

Double panel shutters are required for higher horsepower fans

DOUBLE PANEL (HIGH FACE VELOCITY)

MOUNTS TO OUTSIDE WALL

MODEL #	FAN SIZE	OUTSIDE DIM	INSIDE DIM	DEPTH	WEIGHT	MIN HP
RIWSD 36	36"	42 3/8" x 42 3/8"	40" x 40"	4"	52	2.00
RIWSD 42	42"	48 3/8" x 48 3/8"	46" x 46"	4"	57	3.00
RIWSD 48	48"	54 3/8" x 54 3/8"	52" x 52"	4"	65	5.00
RIWSD 54	54"	63 3/8" x 63 3/8"	61" x 61"	4"	76	2.00
RIWSD 60	60"	69 3/8" x 69 3/8"	67" x 67"	4"	88	2.00

MOUNTS DIRECTLY TO FAN HOUSING

RIWSD 33	36"	39 3/8" x 39 3/8"	37" x 37"	4"	49	2.00
RIWSD 39	42"	45 3/8" x 45 3/8"	43" x 43"	4"	55	3.00
RIWSD 45	48"	51 3/8" x 51 3/8"	49" x 49"	4"	63	5.00
RIWSD 51	51"	62 1/4" x 62 1/4"	61" x 61"	4"	76	2.00
RIWSD 57	60"	68 1/4" x 68 1/4"	67" x 67"	4"	82	2.00

DOUBLE PANEL OPENERS



IWSD 255

MANUAL PULL CHAIN



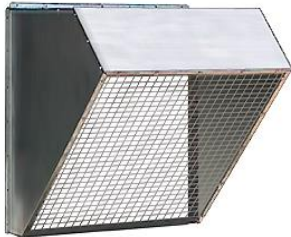
IWS 3187 QTY 2 (2 / shutter)

ELECTRIC MOTORS w/LINKAGE
115/230 Volts .5/.25 Amps each



PROTECTIVE ACCESSORIES

RAIN HOODS

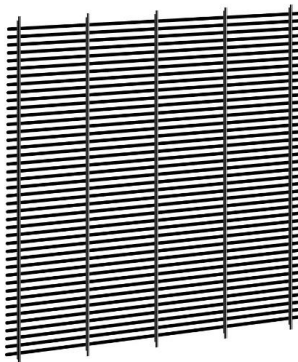


Galvanized 18ga Steel w/ 1-1/4" Mounting Flanges
1" x 2" Bird Screen

MODEL	FAN SIZE	INSIDE DIMENSION	DEPTH	WT#
RH 24	24"	31 3/4" x 31 3/4"	31"	48
RH 30	30"	34 3/4" x 34 3/4"	33"	48
RH 36	36"	40 3/4" x 40 3/4"	37"	60
RH 42	42"	46 3/4" x 46 3/4"	41"	80
RH 48	48"	52 3/4" x 52 3/4"	45"	135
RH 54	54"	62 3/4" x 62 3/4"	52"	160
RH 60	60"	68 3/4" x 68 3/4"	57"	195

Shipped knocked down

GUARD FOR VI SERIES FAN



Black Polyester Powder Coat Finish

Screen Guard (Meets OSHA requirements)

MODEL	FAN SIZE	WT #
VIG 24	24"	21
VIG 30	30"	24
VIG 36	36"	27
VIG 42	42"	31
VIG 48	48"	34
VIG 54	54"	38
VIG 60	60"	45

GUARD FOR V SERIES FAN



Galvanized 18ga Steel Housing, 14" Deep
Black Polyester Powder Coat Finish

Screen Guard (Meets OSHA requirements)

MODEL	FAN SIZE	Height x Width	WT #
VG 24	24"	36" x 36"	43
VG 30	30"	40" x 40"	50
VG 36	36"	46" x 46"	58
VG 42	42"	49" x 49"	65
VG 48	48"	55" x 55"	73

Shipped knocked down