

# "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"	60 3/8" x 60 3/8"	58" x 58"	4"	74	2.00
IWSD 57	60"	66 3/8" x 66 3/8"	64" x 64"	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
<b>RIWS 24</b>	24"	33 3/8" x 33 3/8"	31" x 31"	4"	26	<b>0.75</b>
<b>RIWS 30</b>	30"	36 3/8" x 36 3/8"	34" x 34"	4"	29	<b>1.00</b>
<b>RIWS 36</b>	36"	42 3/8" x 42 3/8"	40" x 40"	4"	39	<b>1.50</b>
<b>RIWS 42</b>	42"	48 3/8" x 48 3/8"	46" x 46"	4"	44	<b>2.00</b>
<b>RIWS 48</b>	48"	54 3/8" x 54 3/8"	52" x 52"	4"	55	<b>3.00</b>

### MOUNTS DIRECTLY TO FAN HOUSING

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

### 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
<b>RIWSD 36</b>	36"	42 3/8" x 42 3/8"	40" x 40"	4"	52	<b>2.00</b>
<b>RIWSD 42</b>	42"	48 3/8" x 48 3/8"	46" x 46"	4"	57	<b>3.00</b>
<b>RIWSD 48</b>	48"	54 3/8" x 54 3/8"	52" x 52"	4"	65	<b>5.00</b>
<b>RIWSD 54</b>	54"	63 3/8" x 63 3/8"	61" x 61"	4"	76	<b>2.00</b>
<b>RIWSD 60</b>	60"	69 3/8" x 69 3/8"	67" x 67"	4"	88	<b>2.00</b>

### MOUNTS DIRECTLY TO FAN HOUSING

<b>RIWSD 33</b>	36"	39 3/8" x 39 3/8"	37" x 37"	4"	49	<b>2.00</b>
<b>RIWSD 39</b>	42"	45 3/8" x 45 3/8"	43" x 43"	4"	55	<b>3.00</b>
<b>RIWSD 45</b>	48"	51 3/8" x 51 3/8"	49" x 49"	4"	63	<b>5.00</b>
<b>RIWSD 51</b>	51"	63 3/8" x 63 3/8"	61" x 61"	4"	76	<b>2.00</b>
<b>RIWSD 57</b>	60"	66 3/8" x 66 3/8"	64" x 64"	4"	82	<b>2.00</b>

### DOUBLE PANEL OPENERS



**IWSD 255**

MANUAL PULL CHAIN

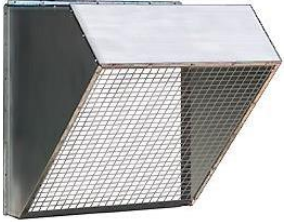


**IWSD 887**

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

## PROTECTIVE ACCESSORIES

### RAIN HOODS

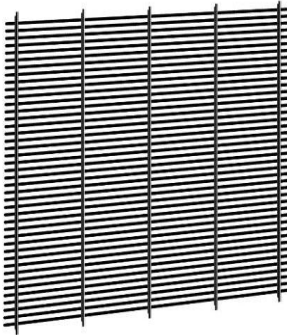


Galvanized 18ga Steel w/ 1-1/4" Mounting Flanges  
1" x 2" Bird Screen

MODEL	FAN SIZE	INSIDE DIMENSION	DEPTH	WT#
<b>RH 24</b>	24"	31 3/4" x 31 3/4"	31"	48
<b>RH 30</b>	30"	34 3/4" x 34 3/4"	33"	48
<b>RH 36</b>	36"	40 3/4" x 40 3/4"	37"	60
<b>RH 42</b>	42"	46 3/4" x 46 3/4"	41"	80
<b>RH 48</b>	48"	52 3/4" x 52 3/4"	45"	135
<b>RH 54</b>	54"	62 3/4" x 62 3/4"	52"	160
<b>RH 60</b>	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 #
<b>VIG 24</b>	24"	21
<b>VIG 30</b>	30"	24
<b>VIG 36</b>	36"	27
<b>VIG 42</b>	42"	31
<b>VIG 48</b>	48"	34
<b>VIG 54</b>	54"	38
<b>VIG 60</b>	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 #
<b>VG 24</b>	24"	36" x 36"	43
<b>VG 30</b>	30"	40" x 40"	50
<b>VG 36</b>	36"	46" x 46"	58
<b>VG 42</b>	42"	49" x 49"	65
<b>VG 48</b>	48"	55" x 55"	73

Shipped knocked down