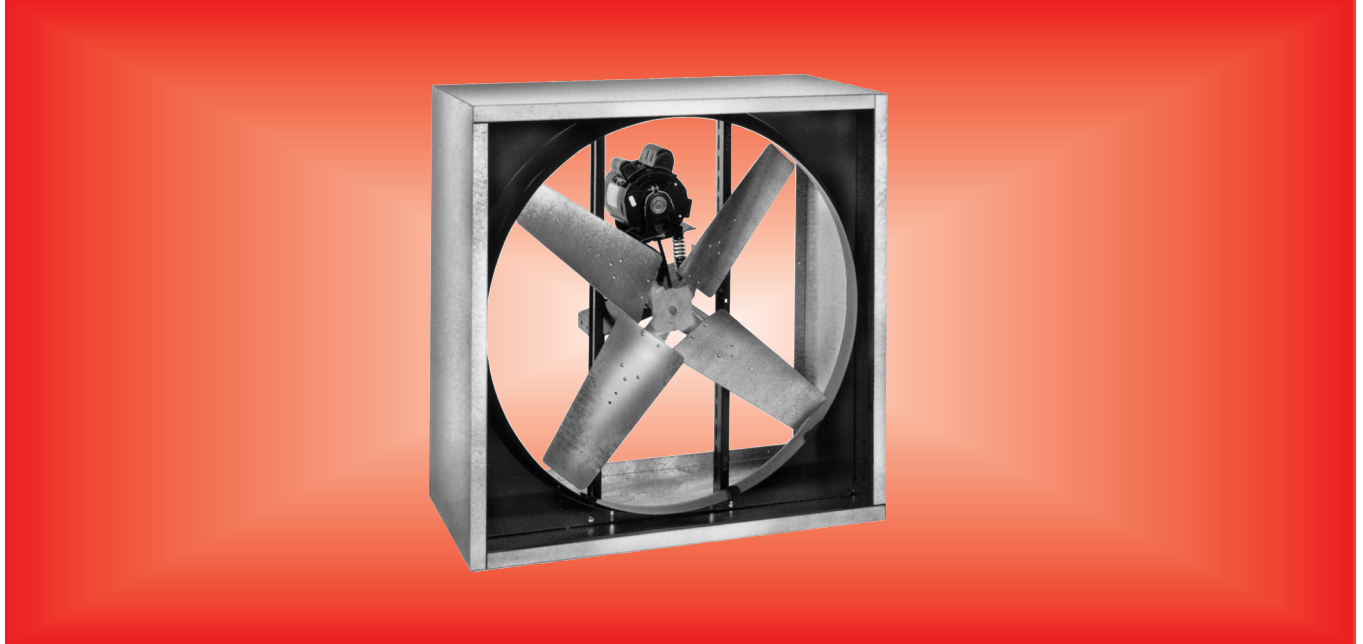




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COMMERCIAL FANS



STANDARD FEATURES:

- Wall-mount and roof-mount fans designed for heavy-duty usage
- Belt drive
- Single-speed motors up to 5 hp (See options for two speed motors)
- Balanced steel blades
- Vibration tested assembly
- Self-lubricating ball bearings
- Standard motors are open drip-proof (ODP), 60Hz, single phase, unless otherwise specified (See options for additional motor types)
- Crated for shipment

OPTIONS:

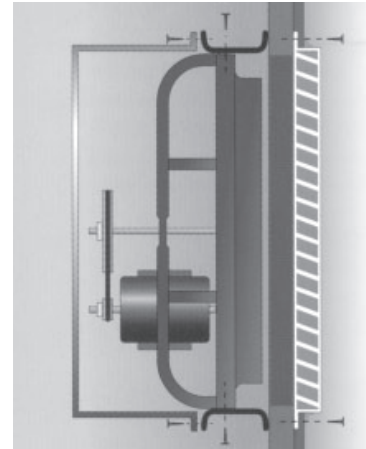
- Dual-speed switch
- Timer (12 hour)
- Combination dual-speed switch and timer
- Interior fan guard
- Exterior weather hood (helps prevent entrance of moisture when fans are used for intake ventilation)
- Large capacity motors (up to 5 hp, 230/460 volts, with dual-speeds)
- Two-speed motors, available on V series fans up to 1/2 hp (CFM is reduced approximately 32% at low speed)
- Totally enclosed and explosion proof motors are available for all VI series fans

NOTE: Fans are available with automatically-opening wall shutters. Also available installed in roof curb with "Air Intake and Exhaust-Hoods."

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EASY SIX-STEP INSTALLATION:

1. Construct a frame of 8 inches or 10 inches "C" channels 1/4 inch larger than the overall fan size.
2. After mounting "C" channel frame to the building structure, cut opening in exterior metal siding for shutter frame.
3. Place the shutter in opening with flange under siding and attach with self tapping or sheet metal screws. After shutter is installed, caulk all four exterior sides of shutter.
4. Install fan in position leaving a min. of 4 inches between front of fan and shutter. Fan mounts to "C" channels with self tapping screws or machine bolts with lock washers.
5. With fan and shutter installed, proceed with electrical wiring. See the motor label for proper wiring procedures.
6. Install IG or VIG guard on fans mounted less than 7 ft. above the floor.



SPECIFICATIONS

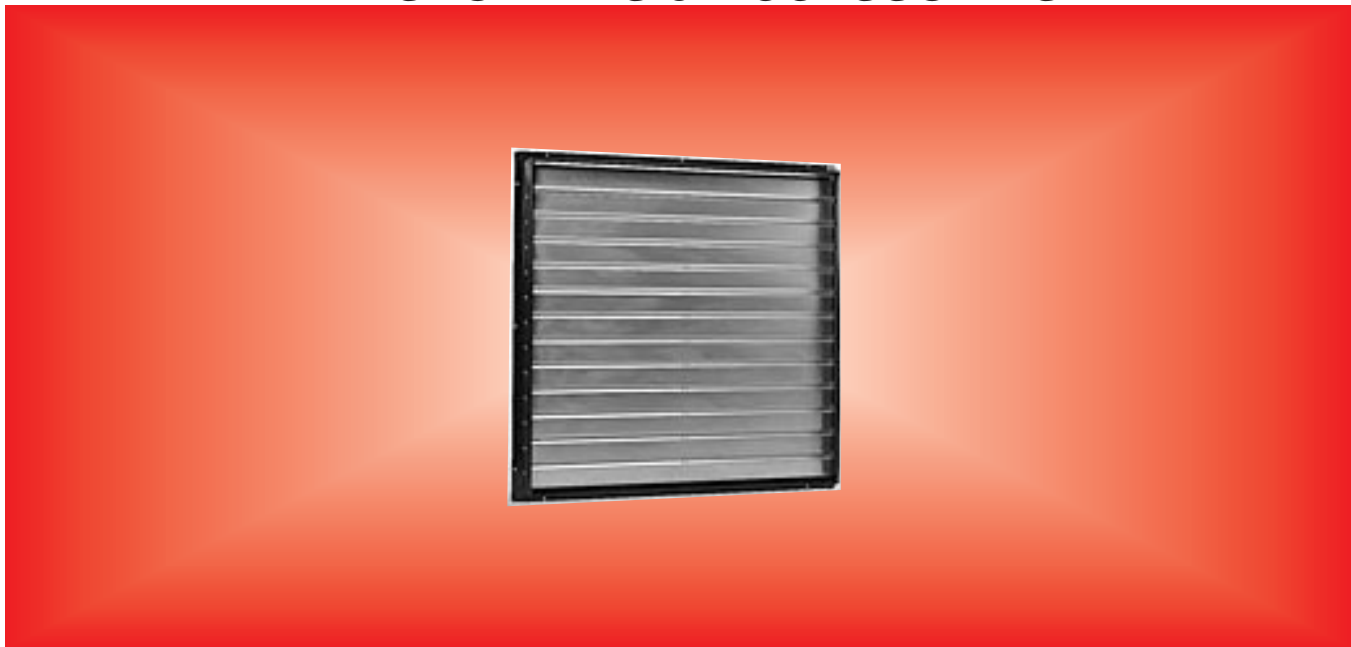
MODEL	HP	CFM	AMPS	BLADE SIZE	VOLTS	SHIPPING WT. (LBS)	O/O SQ. SIZE	FLANGE SIZE	DEPTH
V-SERIES COMMERCIAL									
V 2412	1/3	5,100	4.5	24"	115	44	30"	1 1/2"	13 1/2"
V 3012	1/3	7,500	4.5	30"	115	52	34"	1 1/2"	13 1/2"
V 3613	1/3	12,500	7.8	36"	115	66	40"	2"	13 1/2"
V 4213	1/2	14,445	7.8	42"	115	72	46"	2"	13 1/2"
V 4813	1/2	17,025	7.8	48"	115	81	52"	2"	13 1/2"
V 4814	3/4	20,100	11.2/5.6	48"	115/230	89	52"	2"	13 1/2"
VI-SERIES INDUSTRIAL									
VI 3613	1/2	11,800	7.8	36"	115	150	40"	2"	20"
VI 3614	3/4	12,100	11.2/5.6	36"	115/230	153	40"	2"	20"
VI 3615	1	12,560	11.0/5.5	36"	115/230 TE	158	40"	2"	20"
VI 4213	1/2	17,175	7.8	42"	115	158	46"	2"	20"
VI 4214	3/4	17,550	11.2/5.6	42"	115/230	168	46"	2"	20"
VI 4215	1	17,900	11.0/5.5	42"	115/230 TE	173	46"	2"	20"
VI 4216	1 1/2	18,425	4.6/2.3	42"	230/460/60/3	175	46"	2"	20"
VI 4814	3/4	20,100	11.2/5.6	48"	115/230	182	52"	2"	20"
VI 4815	1	20,950	11.0/5.5	48"	115/230 TE	184	52"	2"	20"
VI 4816	1 1/2	21,820	4.6/2.3	48"	230/460/60/3	190	52"	2"	20"
VI 4817	2	22,760	6.2/3.1	48"	230/460/60/3	197	52"	2"	20"
VI 4818	3	26,180	8.8/4.4	48"	230/460/60/3	210	52"	2"	20"
VI 5417	2	27,000	6.2/3.1	54"	230/460/60/3	338	62"	2"	24"
VI 5418	3	30,900	8.8/4.4	54"	230/460/60/3	343	62"	2"	24"
VI 5419	5	36,200	14.4/7.2	54"	230/460/60/3	343	62"	2"	24"
VI 6017	2	32,500	6.2/3.1	60"	230/460/60/3	410	68"	2"	24"
VI 6018	3	36,200	8.8/4.4	60"	230/460/60/3	418	68"	2"	24"
VI 6019	5	44,200	14.4/7.2	60"	230/460/60/3	422	68"	2"	24"



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FAN SHUTTERS & ACCESSORIES



SHUTTERS

STANDARD FEATURES:

- Shutter frames are heavy-gauge steel with rigidly welded corners and finished with a tough, powder coated finish
- Aluminum shutter blades are attached with heavy-duty nylon fasteners
- Automatic open/close operation as fan is turned on/off
- Interlocking blades for maximum weather seal
- Double-panel units constructed with rigid "T" section center member
- Open depth of shutters is 4"

OPTIONS:

- Manual pull chain and chain latch
- Motor operator, 115/230 volts (relieves starting load on fan motor)
- Electrostatic powder coated finish, a standard color

SPECIFICATIONS

MODEL NUMBER	DESCRIPTION	FAN SIZE	WALL OPENING SIZE	WT. (LBS)
IWS 24	Shutter 33 3/8" x 33 3/8"	24"	31" x 31"	11
IWS 30	Shutter 36 3/8" x 36 3/8"	30"	34" x 34"	15
IWS 36	Shutter 42 3/8" x 42 3/8"	36"	40" x 40"	21
IWS 42	Shutter 48 3/8" x 48 3/8"	42"	46" x 46"	25
IWS 48	Shutter 54 3/8" x 54 3/8"	48"	52" x 52"	30
*IWS 54	Shutter 64 3/8" x 64 3/8"	54"	61" X 61"	48
*IWS 60	Shutter 70 3/8" x 70 3/8"	60"	67" X 67"	56

* INDICATES DOUBLE PANEL SHUTTER

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FAN GUARDS



The "IG" and "VIG" series Industrial Fan Guards should be used on all fans mounted less than 7 ft. above the floor, to meet OSHA requirements. The grill has black powder-coat finish.

The "VIG" guard for "VI" series fans consists of the grill only which attaches to the fan housing on the intake side.

The "IG" guard for "V" series fans is complete with 14 inch deep galvanized housing and grill. It mounts on the intake side of the fan and is shipped unassembled.

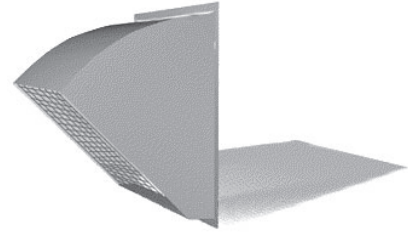
Fits V Series Fans

MODEL NUMBER	FAN SIZE	SHIPPING WT.
IG 3000	24	43
IG 3600	30	50
IG 4200	36	58
IG 4800	42	65
IG 5400	48	73

Fits VI Series Fans

MODEL NUMBER	FAN SIZE	SHIPPING WT.
VIG 36	36	27
VIG 42	42	31
VIG 48	48	34
VIG 54	54	38
VIG 60	60	45

WEATHER HOODS



STANDARD FEATURES:

Offers protection from the elements when installed over intake or exhaust fans, or over wall openings

- Heavy-duty galvanized construction
- Galvanized angle frames
- Flange frame for securing to building structure
- Standard sizes to accommodate 24", 30", 36", 42", and 48" fans
- 1/2 inch mesh birdscreen at opening
- Assembled and crated

OPTIONS:

- Insect screen
- Filter frames
- Electrostatic powder-coated finish (2 mil)
- Shipped "KD" (knocked-down) for field assembly
- Also available in aluminum and Galvalume™ finishes
- Custom sizes available