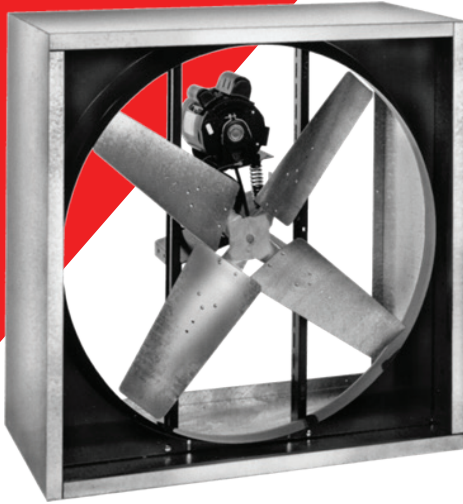




## COMMERCIAL AND INDUSTRIAL WALL-MOUNT FANS

Metallic Products is a distributor of mechanical ventilation equipment for the pre-engineered metal building industry. Our extensive mechanical ventilation line allows manufacturers, dealers and contractors to design or meet almost every type of ventilation requirement. Wall-mount fans are available with 115-230/1/60 single phase or 230-460 three phase motors, including open drip proof, totally enclosed and explosion proof.



### SPECIFICATIONS

#### STANDARD FEATURES

- Wall-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

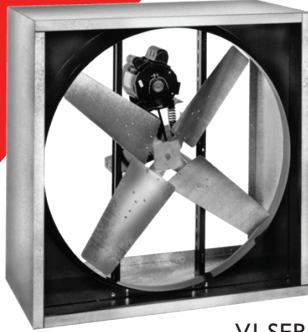
#### OPTIONS

- Dual-speed switch
- 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, direct drive and explosion-proof motors are available for all VI series

#### NOTE

Fans are available with automatically opening wall shutters. Also available installed in roof curb with air intake and exhaust hoods.





VI-SERIES

## TECHNICAL SPECIFICATIONS

MODEL	HP	CFM	AMPS	BLADE SIZE	VOLTS	SHIPPING WT. (lbs.)	O/O SQ. SIZE	DEPTH
<b>VI-SERIES INDUSTRIAL</b>								
VI 2412 V	1/3	4,190	6.5	24"	115	100	30-3/4"	20"
VI 2412 X	1/3	4,190	1.6/8	24"	230/460	100	30-3/4"	20"
VI 2413 V	1/2	4,510	11	24"	115	105	30-3/4"	20"
VI 2413 X	1/2	4,510	2.0/1.0	24"	230/460	105	30-3/4"	20"
VI 3012 V	1/3	7,080	6.5	30"	115	111	34-3/4"	20"
VI 3012 X	1/3	7,080	1.6/8	30"	230/460	111	34-3/4"	20"
VI 3013 V	1/2	9,180	11	30"	115	111	34-3/4"	20"
VI 3013 X	1/2	9,180	2.0/1.0	30"	230/460	111	34-3/4"	20"
VI 3014 U	3/4	10,200	13/6.5	30"	115/230	114	34-3/4"	20"
VI 3014 X	3/4	10,200	2.8/1.4	30"	230/460	114	34-3/4"	20"
VI 3613 V	1/2	10,800	11	36"	115	120	40-3/4"	20"
VI 3613 X	1/2	10,800	2.0/1.0	36"	230/460	120	40-3/4"	20"
VI 3614 U	3/4	11,100	13/6.5	36"	115/230	134	40-3/4"	20"
VI 3614 X	3/4	11,100	2.8/1.4	36"	230/460	138	40-3/4"	20"
VI 3615 U	1	12,100	11/5.5	36"	115/230	145	40-3/4"	20"
VI 3615 X	1	12,100	4.0/2.0	36"	230/460	145	40-3/4"	20"
VI 3616 U	1-1/2	13,110	7.5/15.0	36"	115/230	157	40-3/4"	20"
VI 3616 X	1-1/2	13,110	4.8/2.4	36"	230/460	154	40-3/4"	20"
VI 3617 U	2	12,780	10.2/20.4	36"	115/230	202	40-3/4"	20"
VI 3617 X	2	12,780	6.4/3.2	36"	230/460	181	40-3/4"	20"
VI 3618 X	3	15,400	8.0/4.0	36"	230/460	257	40-3/4"	20"
VI 4213 V	1/2	13,000	11	42"	115	151	46-3/4"	20"
VI 4213 X	1/2	13,000	2.0/1.0	42"	230/460	149	46-3/4"	20"
VI 4214 U	3/4	14,600	13/6.5	42"	115/230	152	46-3/4"	20"
VI 4214 X	3/4	14,600	2.8/1.4	42"	230/460	152	46-3/4"	20"
VI 4215 U	1	16,000	11/5.5	42"	115/230	162	46-3/4"	20"
VI 4215 X	1	16,000	4.0/2.0	42"	230/460	162	46-3/4"	20"
VI 4216 U	1-1/2	17,200	7.5/15.0	42"	115/230	183	46-3/4"	20"
VI 4216 X	1-1/2	17,200	4.8/2.4	42"	230/460	173	46-3/4"	20"
VI 4814 U	3/4	19,100	13/6.5	48"	115/230	177	52-3/4"	20"
VI 4814 X	3/4	19,100	2.8/1.4	48"	230/460	180	52-3/4"	20"
VI 4815 U	1	20,600	11/5.5	48"	115/230	187	52-3/4"	20"
VI 4815 X	1	20,600	4.0/2.0	48"	230/460	190	52-3/4"	20"
VI 4816 U	1-1/2	21,500	7.5/15.0	48"	115/230	210	52-3/4"	20"
VI 4816 X	1-1/2	21,500	4.8/2.4	48"	230/460	190	52-3/4"	20"
VI 4817 U	2	21,100	10.2/20.4	48"	115/230	232	52-3/4"	30"
VI 4817 X	2	21,100	6.4/3.2	48"	230/460	212	52-3/4"	30"
VI 4818 U	3	23,700	16/32	48"	115/230	292	52-3/4"	30"
VI 4818 X	3	23,700	8.0/4.0	48"	230/460	292	52-3/4"	30"
VI 4819 X	5	28,800	13.8/6.9	48"	230/460	312	52-3/4"	30"
VI 5417 U	2	25,500	10.2/20.4	54"	115/230	348	62-7/8"	30"
VI 5417 X	2	25,500	6.4/3.2	54"	230/460	338	62-7/8"	30"
VI 5418 U	3	29,800	16/32	54"	115/230	343	62-7/8"	30"
VI 5418 X	3	29,800	8.0/4.0	54"	230/460	343	62-7/8"	30"
VI 5419 X	5	37,300	13.8/6.9	54"	230/460	351	62-7/8"	30"
VI 6017 U	2	30,800	10.2/20.4	60"	115/230	425	68-7/8"	30"
VI 6017 X	2	30,800	6.4/3.2	60"	230/460	410	68-7/8"	30"
VI 6018 U	3	34,700	16/32	60"	115/230	418	68-7/8"	30"
VI 6018 X	3	34,700	8.0/4.0	60"	230/460	418	68-7/8"	30"
VI 6019 X	5	43,500	13.8/6.9	60"	230/460	422	68-7/8"	30"



## TECHNICAL SPECIFICATIONS



V-SERIES

MODEL	HP	CFM	AMPS	BLADE SIZE	VOLTS	SHIPPING WT. (lbs.)	O/O SQ. SIZE	FLANGE SIZE	DEPTH
<b>V-SERIES COMMERCIAL</b>									
V 2412	1/3	3,920	6.5	24"	115	50	30"	1-1/2"	12"
V 3012	1/3	6,420	6.5	30"	115	51	34"	1-1/2"	12"
V 3013	1/2	9,560	11.0	30"	115	58	34"	1-1/2"	12"
V 3613	1/2	10,900	11.0	36"	115	61	40"	2"	12"
V 4213	1/2	14,200	11.0	42"	115	93	46"	2"	12"
V 4813	1/2	17,100	11.0	48"	115	105	52"	2"	12"
V 4814	3/4	18,100	13/6.5	48"	115/230	135	52"	2"	12"

## EASY SIX-STEP INSTALLATION:

1. Construct a frame of 8" or 10" "C" channels 1/4" 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 minimum of 4" 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 VG or VIG guard on fans mounted less than 7' above the floor.

