

36"-48"-54" Fans Deliver High Performance.

HyperMAX™ Galvanized Fans *High Performance - Maximum Value*

Break-through engineering by VAL-CO® provides fans with a superior combination of CFM performance and CFM per watt.

Superior Design of the Motor and Motor Mount

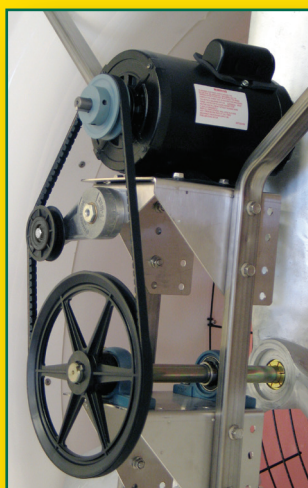
- The HyperMAX motor mount and drive assembly utilizes a rugged box frame design and the highest quality galvanized steel construction for quiet operation, durability and long motor life.
- A standard belt tensioner reduces maintenance.
- Energy efficient motors with sealed ball bearings and thermal overload protection are manufactured to VAL-CO's exacting specifications.
- Motor options include single or three phase motors in 50 Hz or 60 Hz and various operating voltages.
- Unique four-point, galvanized motor mount design provides minimum air restriction and vibration-free performance.

Engineered Blade Design

- Computer designed orifice-blade-cone-motor combination assures optimum use of the motor power curve while reducing starting and running amps.
- Die formed spider twist blades are dynamically spin-balanced.
- Matching blades and energy-efficient motors provide maximum CFM/Watt of electrical power.

Durable Construction

- Computer-matched air diffuser cone increases airflow without increased horsepower.
- Slant wall design provides reduced weather intrusion, easy cleaning, water drainage and improved performance.
- Full 1" diameter drive shaft, with corrosion resistant coating, is square keyed for non-slip operation.
- Industrial grade bearings are sealed, pillow-blocked, greasable and self-aligning.
- High quality shutters are available in aluminum or black or white PVC.
- Tough corrosion resistant shutter clips are designed with stay-put features.
- Zinc plated self-locking fasteners are corrosion resistant.
- Corrosion resistant fan guard.

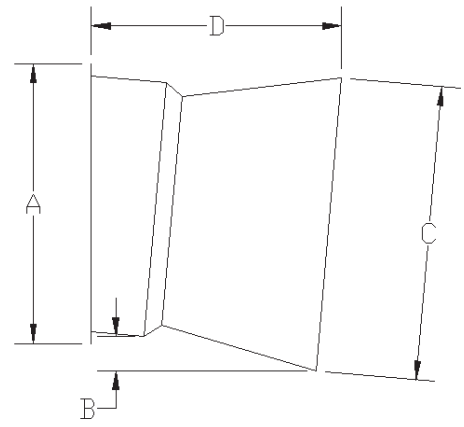


Motor mount and drive assembly utilize a rugged box frame design to increase motor life.

**HyperMAX Fans
are backed by
VAL-CO's
1 year warranty -
see dealer for details.**

Our ventilation experts can also assist with retrofitting an existing or designing a new facility for maximum efficiency.

Dimensions for HyperMAX™ Galvanized Fans



	36" Fan	48" Fan	54" Fan w/26" Cone	54" Fan w/40" Cone
"A"	48.5"	59.5"	64"	64"
"B"	7.5"	8"	9"	11"
"C"	49"	59.5"	69"	69"
"D"	47"	60"	51.25"	64.5"

Rough Openings (H x W):
36" - 44.5" x 43.5" / **48"** - 55.5" x 55.5" / **54"** - 60.25" x 60"

CFM vs. Static Pressure (Inches WC)

Model	Blade	Motor Mount	HP	Voltage	HZ	PH	0.05"		0.10"		0.15"		0.20"		BESS #
							CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	
36" Fans															
936200	Galvanized	Galvanized	0.5	208-230	60	1	10720	17.5	10010	15.8	9210	14.0	8290	12.1	17092
936150*	Galvanized	Galvanized	0.5	230	60	1	11200	19.4	10300	17.0	8800	13.7	5400	7.7	17087
936250*	Galvanized	Galvanized	1.5	230	60	1	16100	13.7	15400	12.6	14800	11.7	14100	10.8	17088
936270*	Galvanized	Galvanized	1.0	200-230/460	60	3	13600	15.5	12900	14.1	12200	12.8	11300	11.5	17089
936290*	Galvanized	Galvanized	1.0	190/380	50	3	13300	15.8	12500	14.2	11700	12.9	10700	11.3	17091
48" Fans															
HGS48G340NGAT	Galvanized	Galvanized	1.5	230	60	1	23600	21.7	22200	19.8	20600	17.9	18600	15.8	12705
948200*	Galvanized	Galvanized	1.5	230	60	1	24400	20.7	23200	19.0	21600	17.2	19900	15.5	12704
HGS48G340MGAT	Galvanized	Galvanized	1.5	230	60	1	25200	20.2	23900	17.7	22600	16.9	20900	15.1	12703
HGS48G650LGAT	Galvanized	Galvanized	1.5	200-230/460	60	3	24800	20.3	23500	18.2	22200	16.4	20700	14.6	05208
54" Fans w/ 26" Cone															
954290*	Galvanized	Galvanized	1.5	230	60	1	28200	22.8	26500	20.8	24600	18.9	22400	16.8	16534
954350*	Galvanized	Galvanized	1.5	230	60	1	29900	20.6	28100	18.7	26200	17.0	24300	15.5	16535
954310*	Galvanized	Galvanized	1.5	208-230/460	60	3	29800	21.0	28300	19.4	26300	17.5	24500	15.9	16532
954400*	Galvanized	Galvanized	1.5	190/380	50	3	28800	21.8	26900	19.6	24900	17.6	22900	16.0	16533
54" Fans w/ 40" Cone															
954710	Galvanized	Galvanized	1.5	230	60	1	28700	23.8	27000	21.6	24700	19.1	22500	17.1	16539
954720	Galvanized	Galvanized	1.5	230	60	1	30500	21.4	29000	19.6	27100	17.7	24900	15.9	16538
954730	Galvanized	Galvanized	1.5	208-230/460	60	3	30400	21.9	29000	20.2	27100	18.3	25100	16.5	16531
954750*	Galvanized	Galvanized	1.5	190/380	50	3	28900	21.9	27100	19.7	25400	18.0	23200	16.1	16540
954770	Galvanized	Galvanized	2.0	208-230/460	60	3	33700	18.2	32200	16.9	30800	15.7	29100	14.5	16529

NOTE: Fans available as unassembled units are noted with "*" at the end of the catalog number. To order, add "-KD" to the catalog number.

Call your local VAL-CO representative or distributor for more information on this and other fine quality products.



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