



Incredibly Durable.

HyperMAX™ Fiberglass Fans – 36" & 50"

High Performance - Maximum Value

The tested and proven designs of VAL-CO® deliver superior performance and value.



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

Superior Design of the Motor and Motor Mount

- The HyperMAX motor mount and drive assembly utilizes a rugged box frame design to improve performance, efficiency, increase motor life and provide quiet operation.
- An auto 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 60 Hz and various operating voltages.
- Unique four-point, galvanized or stainless steel motor mount design provides minimum air restriction and vibration-free performance.

Engineered Blade Design

- Computer design orifice-blade-cone-motor combination assures optimum use of the motor power curve while reducing starting and running amps.
- Blade options include rust resistant stainless steel, cast aluminum or galvanized.
- Matching blades and energy-efficient motors provide maximum CFM/watt of electrical power.

Durable Construction

- Corrosion-resistant, high quality housing construction of molded fiberglass providing superior durability and long life.
- Performance enhancing exhaust cones are available in fiberglass or poly.
- Slant wall design provides reduced weather intrusion, easy cleaning, water drainage and improved performance.
- Full 1" diameter drive shaft, with rust-resistant coating, is square keyed for non-slip operation.
- Pre-lubricated industrial grade pillow block bearings are self-aligning, low maintenance and extend life.
- High quality shutters are available in aluminum or black or white PVC.
- Tough rust proof shutter clips are designed with stay-put features.
- Energy doors are available.

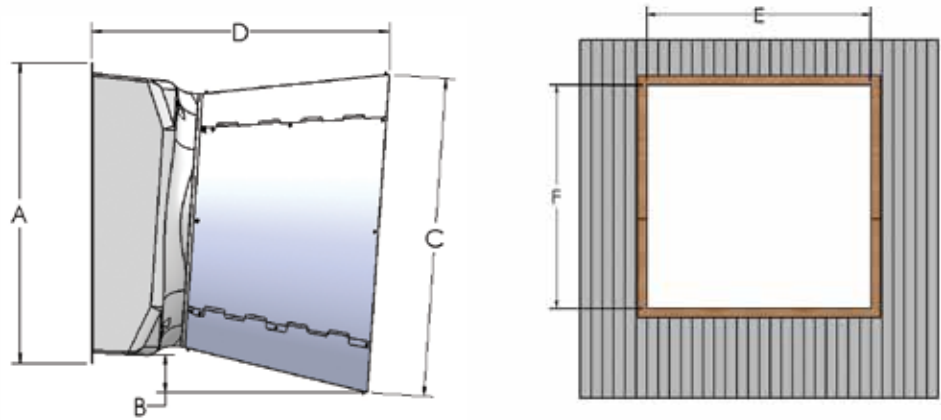
**HyperMAX
Fiberglass Fan
Housings are backed
by VAL-CO's
lifetime warranty.**



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

Dimensions for HyperMAX™ Fiberglass Fans

	"A"	"B"	"C"	"D"	"E"	"F"
36" w/936174 cone	48.5	3.75	44.5	47	44.5	44.5
36" w/PC36L(B or W) cone	48.5	7	50.25	47	44.5	44.5
50" w/PC50S(B or W) cone	62.25	8.5	59	39.25	56	58
50" w/FC50LW cone	62.25	8.5	64.5	49.25	56	58



36" Models

CFM vs. Static Pressure (Inches WC)

Model	Blade	Motor Mount	HP	Voltage	HZ	Phase	0.05		0.10		0.15		0.20		BESS #
							CFM	Cfm/Watt	CFM	Cfm/Watt	CFM	Cfm/Watt	CFM	Cfm/Watt	
HPM36W280MGA	Galvanized	Galvanized	0.5	208-230	60	1	10800	18.1	10200	16.3	9300	14.2	8100	11.9	17085
936350	Galvanized	Galvanized	1.0	208-230	60	1	11500	18.6	10730	16.5	9960	14.8	8880	12.6	18081
HPM36W280MCA	Aluminum	Stainless Steel	0.5	208-230	60	1	10880	17.2	9890	15.2	8760	13.3	7250	10.8	18078
936370	Aluminum	Galvanized	1.0	208-230	60	1	11410	17.7	10570	16.0	9540	14.1	8210	12.0	18079
936370-SC		Stainless Steel													
HPM36W280MSA	Stainless Steel	Stainless Steel	0.5	208-230	60	1	11300	17.6	10500	15.5	9600	13.6	8500	11.5	17086
936360-SC	Stainless Steel	Stainless Steel	1.0	208-230	60	1	11840	17.8	11120	16.0	10360	14.3	9430	12.5	18080
936310	Stainless Steel	Stainless Steel	1.5	230	60	1	16100	13.7	15200	12.6	14300	11.4	13300	10.3	17095
HPM36W340LNAT	Aluminum	Galvanized	1.5	230	60	1	14330	12.9	13760	12.2	13340	11.6	12740	10.9	12718
HPM36W340LGAT	Galvanized	Galvanized	1.5	230	60	1	16600	14.8	15800	13.4	15100	12.3	14300	11.2	17096
HPM36W600LNAT	Aluminum	Galvanized	1.0	200-230/460	60	3	13630	12.8	13000	11.9	12540	11.3	11860	10.5	12719
HPM36W760MGAT	Galvanized	Galvanized	0.5	230	60	1	11700	20.2	10500	17.0	8700	13.1	5200	7.4	17093
HPM36W760MNAT	Aluminum	Galvanized	0.5	230	60	1	10500	19.0	9600	16.7	8500	14.5	7100	12.0	17094
HPM36W760MCAT		Stainless Steel													

50" Models

CFM vs. Static Pressure (Inches WC)

Model	Blade	Motor Mount	HP	Voltage	HZ	Phase	0.05		0.10		0.15		0.20		BESS #
							CFM	Cfm/Watt	CFM	Cfm/Watt	CFM	Cfm/Watt	CFM	Cfm/Watt	
HPM50W340MCAT	Aluminum	Stainless Steel	1.5	230	60	1	23800	22.1	22300	20.0	20500	17.8	18700	15.8	10470
HPM50W340MNAT		Galvanized													
HPM50W340MSAT	Stainless Steel	Stainless Steel	1.5	230	60	1	23600	19.8	22200	18.0	20700	16.2	19000	14.6	12710
HPM50W340NCAT	Aluminum	Stainless Steel	1.5	230	60	1	21000	22.1	19200	19.7	16900	17.2	13100	13.5	12714
HPM50W420LCAT	Aluminum	Stainless Steel	1.5	230	60	1	24300	18.9	22900	17.4	21200	15.9	19200	14.2	12712
HPM50W420LNAT		Galvanized													
HPM50W600MCAT	Aluminum	Stainless Steel	1.0	200-230/460	60	3	24400	23.4	22600	20.9	20500	18.4	18100	15.9	02242
HPM50W600MNAT		Galvanized													
HPM50W650LNAT	Aluminum	Galvanized	1.5	200-230/460	60	3	27400	19.6	25900	18.1	23700	16.4	21100	14.1	02244
HPM50W650LCAT		Stainless Steel													
HPM50W610MNAT	Aluminum	Galvanized	1.0	190/380	50	3	22800	23.8	20800	20.9	18700	18.4	15900	15.4	05128
HPM50W610MCAT		Stainless Steel													



Performance You Can Count On

www.val-co.com

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

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