



# 54" Fans Deliver High Performance.

## HyperMAX™ G-Series Fans

### *High Performance - Maximum Value*

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

Also available in 48".



The orifice, blade, cone and motor combination optimizes the use of the motor's power curve.

### **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.
- An auto belt tensioner reduces maintenance.
- Standard with auto tensioner or optional reverse drive (no tensioner) is available.
- Energy efficient, waterproof 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 or stainless steel 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 and cast aluminum 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.
- Pre-lubricated industrial grade pillow block bearings are self-aligning, low maintenance and add longer life.
- High quality shutters are available in aluminum or black or white PVC.
- Tough corrosion resistant shutter clips are designed with stay-put features.
- Stainless steel self-locking fasteners are corrosion resistant.
- Corrosion resistant fan guard.

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

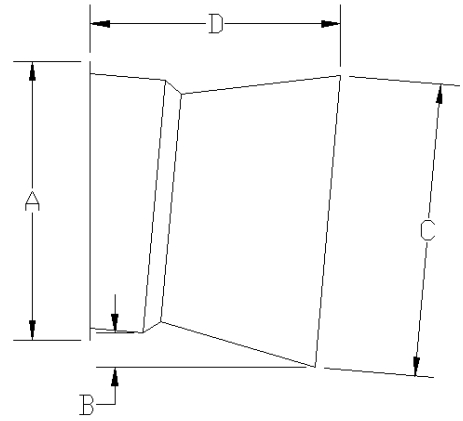


**Performance You Can Count On**

## Dimensions for 54" HyperMAX™ Fans

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

HyperMAX™ 54" Fan	
"A"	61"
"B"	10"
"C"	69"
"D"	51.5"



Rough Opening: 60.25" x 60"

Model Number	Blade	HP	Volts	Hertz	Phase
HGS54G340MGAT	Galv. Steel	1.0	115/230	60	1
HGS54G340NGAT	Galv. Steel	1.0	115/230	60	1
HGS54G830LGAT	Galv. Steel	1.5	230	60	1
HGS54G600MGAT	Galv. Steel	1.0	200-230/460	60	3
HGS54G610MGAT	Galv. Steel	1.0	380	50	3
HGS54G600NGAT	Galv. Steel	1.0	200-230/460	60	3
HGS54G610NGAT	Galv. Steel	1.0	380	50	3
HGS54G650LGAT	Galv. Steel	1.5	200-230/460	60	3
HGS54G730LGAT	Galv. Steel	1.5	380	50	3

## CFM vs. Static Pressure (Inches WC)

Model Number	0.00		0.05		0.10		0.15		BESS Test #
	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	
HGS54G340MGAT	30,200	26.0	28,400	23.3	26,500	20.6	24,200	18.0	05121
HGS54G340NGAT	28,200	29.6	26,500	26.0	24,200	22.7	21,600	19.2	05122
HGS54G830LGAT	-	-	30,900	20.5	29,300	18.8	27,500	17.0	-
HGS54G600MGAT	29,100	26.9	27,200	23.8	25,000	21.0	22,400	17.9	05125
HGS54G610MGAT	28,600	27.1	26,400	24.1	23,900	20.8	21,000	17.5	05127
HGS54G600NGAT	27,300	29.6	25,400	26.0	23,000	22.4	20,000	18.5	05126
HGS54G610NGAT	27,300	29.6	25,400	26.0	23,000	22.4	20,000	18.5	-
HGS54G650LGAT	-	-	30,500	20.3	28,900	18.3	26,900	16.5	05124
HGS54G730LGAT	-	-	30,500	20.3	28,900	18.3	26,900	16.5	-



**Performance You Can Count On**  
www.val-co.com

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

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