

# Control the Airflow.

## HyperMAX™ Galvanized Butterfly Damper Straight Wall 48" Fan

### Performance Second to None

VAL-CO's new line of premium fans and fan accessories include state-of-the-art features designed for maximum efficiency and long-lasting performance.

#### The VAL-CO Family

- Watering Systems
- Feed Bins, Fill Systems
  - Feeders
- Nest & Egg Collection Systems
  - Cage Equipment
  - Lighting
- Brooders & Heaters
- Evaporative Cooling
- Fans & Other Ventilation
- Whole House Controllers™
  - Incinerators
  - Alarms
  - Flooring

#### Features include:

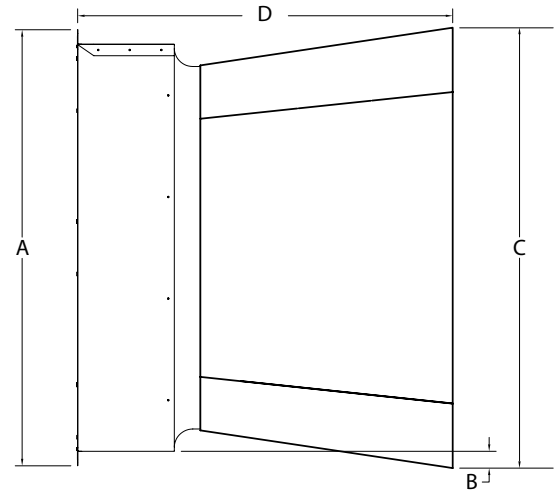
- Computer design orifice-blade-cone-motor combination assures optimum use of the motor power curve while reducing starting and running amps.
- Heavy duty galvanized steel blades or cast aluminum.
- Matching blades and energy-efficient motors provide maximum CFM/watt of electrical power.
- Energy efficient, 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 motor mount design provides minimum air restriction and vibration-free performance.
- New motor mount assembly utilizes a rugged box frame design to improve performance, efficiency, increase motor life and provide quiet operation.
- An auto belt tensioner reduces maintenance.
- VAL-CO's tradition of high quality galvanized steel fan housing & components.
- Full 1" diameter drive shaft, with rust proof coating, is square keyed for non-slip operation.
- Pre-lubricated industrial grade pillow block bearings are self-aligning, low maintenance and add longer life.
- Stainless steel self-locking fasteners are corrosion resistant.
- Energy doors available.

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

## Dimensions for 48" HyperMAX™ Fans

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

HyperMAX™ 48" Damper Fan	
"A"	59"
"B"	2.5"
"C"	60.25"
"D"	51"



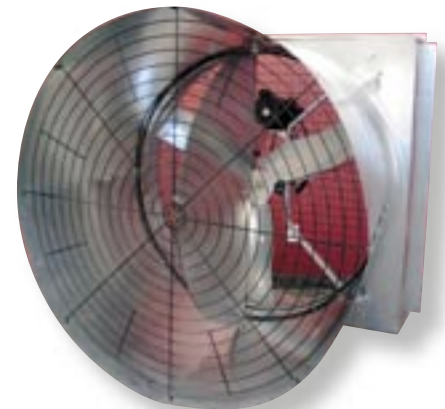
Model Number	Blade	HP	Voltage	Amps	RPM
HGD48G340MGA	Steel	1	115/230	5.5	636
HGD48G340MNA	Aluminum	1	115/230	5.4	601
HGD48G420LGA	Steel	1.5	115/230	7.1	676
HGD48G600MSA	Steel	1	230/400	3.2	615
HGD48G610MSA	Steel	1	200/400 (50Hz)	1.8	606

## CFM vs. Static Pressure (Inches WG)

Model Number	0		0.05		0.1		0.15		BESS Test #
	CFM	Cfm/Watt	CFM	Cfm/Watt	CFM	Cfm/Watt	CFM	Cfm/Watt	
HGD48G340MGA	26500	25.4	25000	22.2	23500	19.5	21800	17.0	06038
HGD48G340MNA	25900	24.9	24400	22.2	22800	19.8	21100	17.6	06039
HGD48G420LGA	27900	21.1	26600	18.7	25200	16.7	23700	15.0	06037
HGD48G600MSA	25800	26.8	24300	23.2	22500	20.0	20800	17.5	06040
HGD48G610MSA	25600	26.2	23900	22.5	22000	19.3	20000	16.8	06041

## VAL-CO Galvanized Fans - Superior Technology, Durability and Value

The Butterfly Damper Fan has been tested and proven. The numbers speak for themselves. High CFM and efficiency ratings make the HyperMAX™ Damper Fan a top performer.



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

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