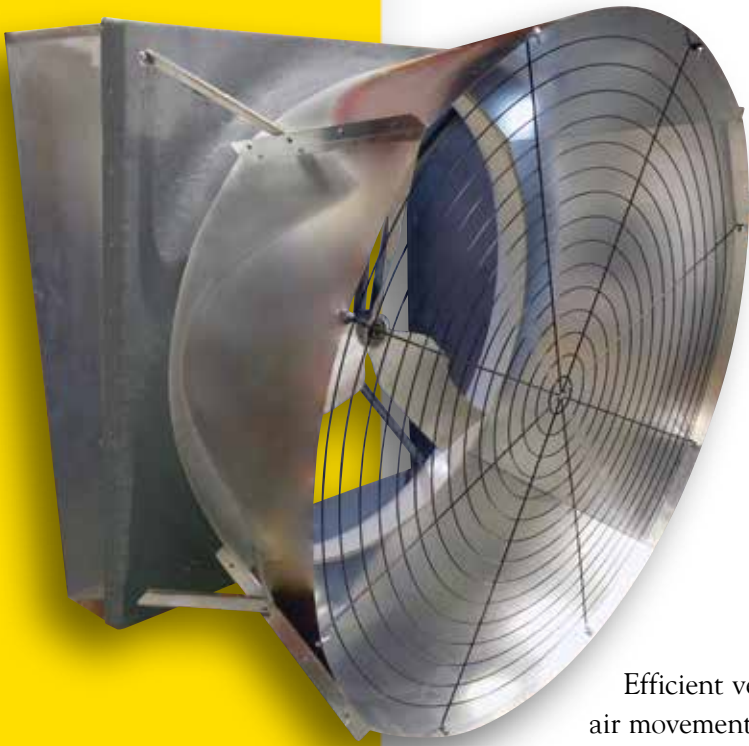




Performance & Durability Built In.

Exhaust Fans from VAL-CO®

Efficient ventilation fans from VAL-CO provide you with the proper air movement needed to keep your livestock happy and healthy. The fiberglass orifice helps provide durability and longevity.

Superior Design of the Motor and Motor Mount

- The 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.
- 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.

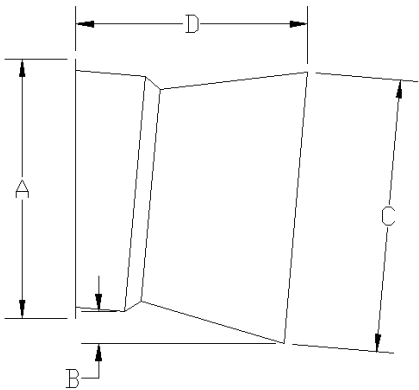


Motor mount and drive assembly utilize a rugged box frame design to increase motor life.

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

Dimensions for Exhaust Fans

	54" Fan w/26" Cone	54" Fan w/40" Cone
"A"	64"	64"
"B"	9"	11"
"C"	69"	69"
"D"	51.25"	64.5"



Rough Opening (H x W): 60.25" x 60"

CFM vs. Static Pressure (Inches WC)

Model	Blade	Motor Mount	HP	Voltage	0.05"		0.10"		0.15"		0.20"		BESS #
					CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	
54" Fans w/ 26" Cone – 50 Hz, 3 Phase													
954625-KD-B	Aluminum	Galvanized	1.5	230	26900	19.3	24800	17.3	23000	15.7	20000	13.4	23191
954635-KD-B	Galvanized	Galvanized	1.5	190	29200	21.0	27400	19.0	25900	17.5	23800	15.7	23196
954665-KD-B	Galvanized	Galvanized	1.5	380	26300	19.8	24200	17.6	22600	16.1	19900	13.8	23193
54" Fans w/ 26" Cone – 60 Hz, 1 Phase													
954630-KD-B	Galvanized	Galvanized	1.5	230	28100	21.6	26400	19.7	24700	17.8	22600	16.0	23184
954655-KD-B	Aluminum	Galvanized	1.5	230	29000	20.8	27300	18.9	25500	17.1	23100	15.1	23185
54" Fans w/ 26" Cone – 60 Hz, 3 Phase													
954650-KD-B	Galvanized	Galvanized	1.5	230	25800	20.5	23800	18.3	22000	16.5	19300	14.1	23189
954660-KD-B	Aluminum	Galvanized	1.5	230	28300	21.9	26600	19.8	24700	17.8	22100	15.6	23190
54" Fans w/ 40" Cone – 50 Hz, 3 Phase													
954670-KD-B	Galvanized	Galvanized	1.5	380	26700	20.3	25200	18.5	23200	16.6	20200	14.1	23194
954645-KD-B	Aluminum	Galvanized	1.5	230	27300	19.7	25600	17.9	23200	15.8	20300	13.6	23195

NOTE: Fans are shipped unassembled.

