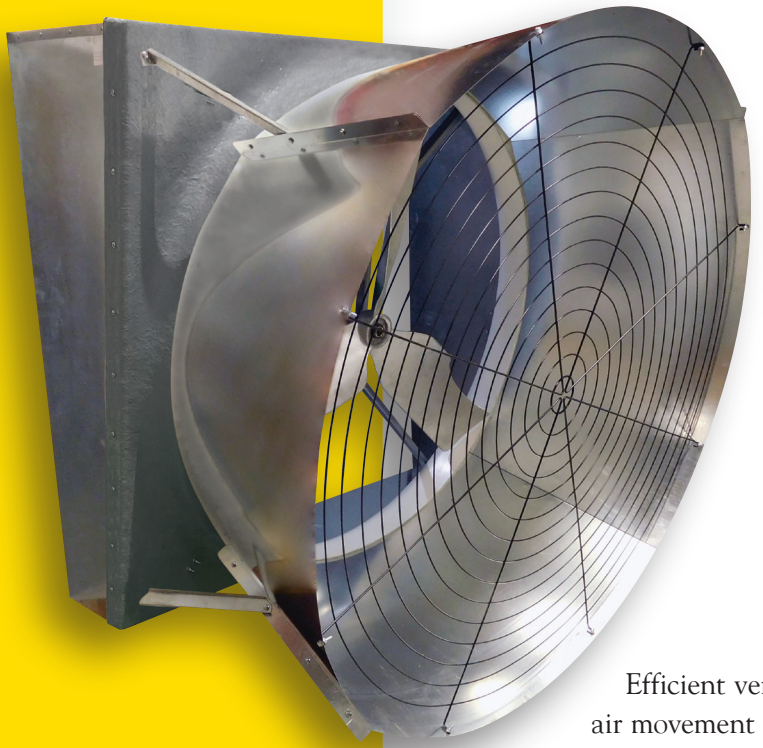
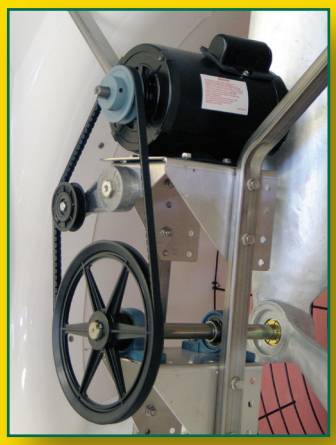


Performance & Durability Built In.

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.



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

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.

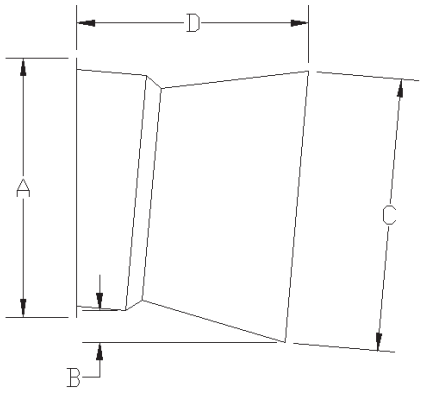
Durable Construction

- 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.

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.



VALCO®

Performance You Can Count On

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