

AIR FLOW RATIO DIRECT DRIVE FANS

AGRICULTURAL

PRODUCT HIGHLIGHTS

FEATURES:

- Available in 12", 16", 20", 24" and 36"
- Quiet operation on all speeds
- Totally enclosed, maintenance free, high efficiency direct drive motors
- Shipped fully assembled except for discharge cones and guards
- 12-20" models come with poly blades
- 24" - 36" models come with 3 galvanized blades
- OSHA compliant intake guards
- Shutters come standard with PVC louvers in an aluminium frame.
- 2 year warranty on motor, limited lifetime warranty on fiberglass housing and 1 year limited warranty on all other parts

IDEAL APPLICATIONS:

- Our fiberglass fan series are ideal for tunnel or exhaust ventilation in dairy, poultry, swine, greenhouse, factories and warehouses.



VES is thrilled to announce our next generation AFRAir™ exhaust direct drive fiberglass fan series. Superior performance, efficiency and Air Flow Ratio. A recognized industry expert in ventilation states that important criteria when choosing an exhaust fan are Air Flow Ratio, Air Moving Capacity and Energy Efficiency. The full line of direct drive exhaust fans meet all of these criteria and more!



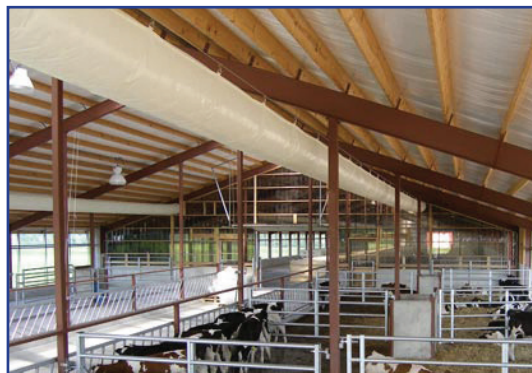
BENEFITS

- Used in conjunction with calf tube systems for positive pressure (call VES for a custom quote on calf tube options)
- Exhaust unwanted fumes from maintenance rooms
- Air exchange exhaust fan for small areas such as milking parlors or utility rooms
- Industry leading performance, efficiency and Air Flow Ratio (AFR)



ACCESSORIES

- Winter Inserts
- Calf Tube System: VES polyethylene vent ducting was designed to prevent recirculation of air, creating a clean environment free of airborne bacteria. The vent ducting is available in custom lengths from 20' to 300' and diameter ranging from 8" to 48".



**Environmental
Solutions, LLC.**
vesenviro.com

8296 Commerce Pkwy,
Chippewa Falls, WI 54729 USA
Toll Free Tel.: (888) 622-2999
Tel.: (715) 720-0800
info@vesenviro.com

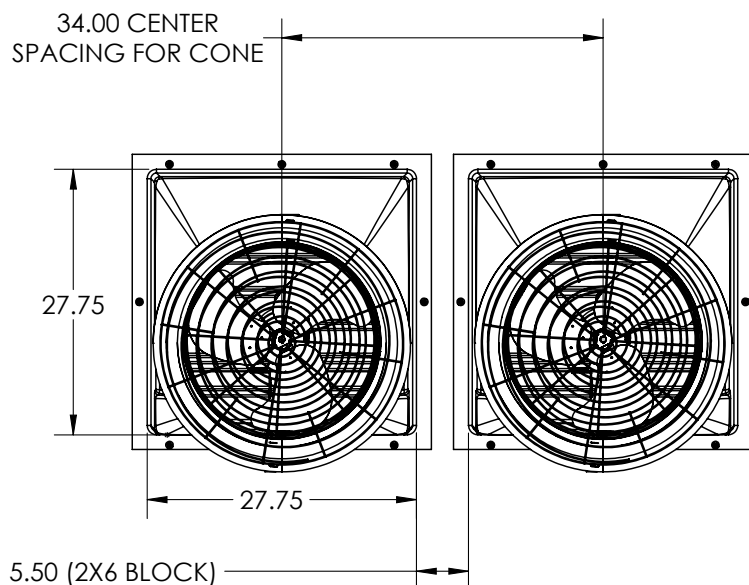
AIR FLOW RATIO DIRECT DRIVE FANS



Part#	Size	HP	Voltage	PH	AMP	RPM	CFM 0" SP	CFM Watt	CFM/ .05" SP	CFM Watt	CFM/ .10" SP	CFM Watt	CFM/ .15" SP	CFM Watt	CFM .20" SP	CFM/ Watt	AFR
Direct Drive Models																	
AFR12115230	12"	1/10	115/230	1	1.35/1.68	1725	1,600	11.9	1,530	10.9	1,440	9.9	1,350	8.8	1,220	7.9	80%
AFR16115230	16"	1/3	115/230	1	4.21/2.10	1725	3,110	8.4	2,990	8	2,870	7.6	2,760	7.2	2,620	6.9	88%
AFR20115230	20"	1/3	115/230	1	4.21/2.10	1725	4,150	10.5	3,990	9.9	3,780	9.3	3,560	8.6	3,260	7.9	82%
AFR241152303-825	24"	1/2	115/230	1	5.8/2.9	825	6,500	15	5,850	14	5,558	13	5,300	11	4,900	9	83%
AFR242304603-825	24"	1/2	230/460	3	2.6/1.3	825	6,500	15	5,850	14	5,558	13	5,300	11	4,900	9	83%
AFR36115230	36"	1/2	115/230	1	5.78/2.89	825	11,700	19.7	10,980	17.7	10,110	15.6	9,190	13.6	8,030	11.4	73%
AFR36230460	36"	1/2	230/461	3	2.6/1.3	825	11,700	22	11,040	19.7	10,330	17.5	9,480	15.3	8,600	13.3	78%

Data based on testing performed by an independent accredited lab using ANSI/AMCA 210-07 standards.
 *VES continues to strive for the most accurate test data available. As additional independent accredited lab results become available we may need to revise information stated above.

Example of Cone Spacing



Cone	Rough Opening	Min. Cone Spacing on Center
12"	20" x 20"	26"
16"	23.75" x 24.25"	30"
20"	27.75" x 27.75"	34"
24"	31.75" x 31.75"	38"
36"	43.75" x 43.75"	50"



20" AFR MINIMUM SPACING