

EXHAUST FANS

POWERFUL AIR EXTRACTION



EXHAUST FAN 84 BD

These vital units efficiently expel stale air from your barn, making room for a continuous supply of fresh air essential for your livestock well-being. Engineered for steady performance, our Exhaust fans are built tough and are designed to carry out these critical functions without faltering all year long. Crafted with farm-tested components for lasting durability and reliable performance in demanding barn environments.

With sizes ranging from 12" to 84", we offer an Exhaust fan tailored for your application.

PEAK PERFORMANCES

Exhaust fan 36: 12 000 CFM at 0.1" W.g.
Exhaust fan 55: 21 570 CFM at 0.1" W.g.
Exhaust fan 72: 43 110 CFM at 0.1" W.g.
Exhaust fan 80: 57 620 CFM at 0.1" W.g.
Exhaust fan 84: 58 550 CFM at 0.1" W.g.

WARRANTY

3-year warranty on entire fan*
5-year warranty on blades
10-year warranty on housing

*not including belts and tighteners



EXHAUST FAN 55 DD

OPTIONS

- Regular Exhaust fans sizes

Model	55	72	80	84
Inch	55"	72"	80"	84"

- Smaller Exhaust fans from 12" to 36" are also available.
- Available in Belt Drive and Direct Drive versions
- Save electricity with our Variable speed options
- Replace the standard PVC shutter with an Insulated Roll-up door to increase fan flow & efficiency. Multiple shutters and winter accessories available.

FEATURES & BENEFITS

- Housing made of a durable fiberglass composite for UV-resistant and corrosion-free product
- Nylon blades on all direct Direct Drive and Model 72 to 84 Belt Drive. Aluminum blades on other Belt Drive models.
- Belts can be changed quickly without removing any fan parts
- cULus or CE certified motors
- Stainless Steel Hardware

PERFORMANCE

60Hz Regions

Model	Drive	Ph	Volt	Hz	HP [kW]	Amps	RPM	Speed	CFM 0"	CFM/W 0"	CFM 0.1"	CFM/W 0.1"	CFM 0.2"	CFM/W 0.2"
36	BD	3	230/460	60	1.5 [1.1]	4.6/2.3	655	100%	11 133	11.2	9 570	9.3	6 452	6.7
	DD	3	360-460	50/60	1 [0.75]	1.9	840	100%	13 478	16.6	12 000	13.9	9 910	10.9
55	BD	3	230/460	60	1.5 [1.1]	4.6/2.3	388	100%	23 066	20.7	18 487	15.2	12 140	9.7
	DD*	3	460	60	1.5 [1.1]	7.1	540	90%	22 750	28.3	19 587	20.9	15 877	15
72	BD	3	230/460	60	3 [2.2]	7.9/3.9	348	100%	47 749	20.2	43 113	17.2	36 366	13.9
	DD*	3	460	60	3 [2.2]	3.3	361	90%	39 778	25.3	34 483	19.9	28 312	15.2
80	DD*	3	460	60	4 [3.0]	5.1	400	90%	60 515	32.7	52 188	25	40 110	18.5
84	BD	3	460	60	5 [4.0]	6.6	356	100%	63 687	22.2	58 547	18.7	51 165	15.2

* EC motor with integrated variable speed control using 0-10VDC and/or Modbus communication. Also available in Single phase version.

1) All fans are tested in accordance with AMCA 210-16 standard.

2) Other motor configuration available

3) Ask your representative about our various Direct Drive models

DIMENSIONS (inch)

Model	36	55	72	80	84
Fan dia.	36"	55"	72"	80"	84"
A	47 5/8"	62 3/8"	81 7/8"	90 1/2"	90 1/2"
B	47 1/4"	63 3/8"	81 1/2"	90 1/2"	90 1/2"
C	43 1/4"	66 1/2"	84 1/2"	92 1/8"	102 3/8"
D	29 1/2"	36 1/4"	41 3/8"	47 5/8"	41 3/4"
E	23 1/4"	24"	27 1/2"	18 1/8"	27 1/2"
F	9 1/2"	9 1/2"	11 3/4"	n/a	11 3/4"
G	44 1/8"	59"	77 1/2"	86 5/8"	87"
H	44 1/8"	59 7/8"	77 1/2"	86 5/8"	86 1/4"

