

BLAST FANS

AGRICULTURAL

PRODUCT HIGHLIGHTS

FEATURES

- On low speed you get an incredible 80 CFM per watt
- Easy to clean and has no corners for dirt or disease build-up
- Designed for optimum air throw and coverage
- Rebates available in many states
- Most powerful fans in the market today based on size and motor horsepower
- **NEW** Quick change belt
- Well balanced and strong blade design for years of trouble free service
- Motors are totally enclosed, high efficiency with sealed ball bearings.
- Fiberglass corrosion-resistant housing
- 2 year warranty on motor, limited lifetime warranty on fiberglass housing and 1 year limited warranty on all other parts

OPTIONS

- Variable Frequency Drive
- Front/Rear guards
- Hanging bracket for steel or wood post



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VES Blast Fan series of fiberglass housing re-circulating fans are the most powerful and efficient fans available in the market today. Our smooth bell shaped intake is designed for optimum performance and has a balanced exhaust opening for maximum air velocity and distance coverage. This lightweight fan is easier to handle than heavy metal housing fans and is designed for the harshest environments. Using ECVAir™ technology, this fan was designed for performance, efficiency and ECV.



MOTOR FEATURES FOR 50" BLAST Fans

- Motor is CSA/CSA-US approved
- Can run at 50 or 60 hz
- Complies with Nema standards for either 48 or 56 frame
- Rotors have been balanced to reduce noise vibration and prolong life
- Rotors and stators are silicon steel
- Copper Windings
- Bearing Specifications/ -40° C to 140° C
- Capacitor rating 450/vac, 10,000 hours for extended life
- 50" 3 PH Motor is 1.5 HP



MOTOR FEATURES FOR 72" BLAST Fans

- 72" 3PH Motor is 3 HP or 2.2KW on high and .3KW on low 230/460 VAC, Amps 8.2/4.1
- On low speed you get an incredible 80 CFM per watt

IDEAL APPLICATIONS

- Exceptional air velocity is ideal for animal cooling in dairy or in environments needing corrosion resistance like swine and poultry
- People cooling in factories, warehouses and sporting events
- Air de-stratification in buildings can reduce heating and cooling bills by up to 35%.
- Create a consistent air temperature in buildings or greenhouses
- Insect control
- Create an air exchange when placed in a wall
- Used to change the air in shipping trucks and containers when loading or unloading
- High velocity air pattern can develop an air curtain
- Machine and compressor cooling
- Surface drying for wet floors, golf greens and animal bedding
- Heat stress relief inside and outside



Environmental Solutions, LLC.

BLAST FANS



Check with your local Cooperative or Electric Company for possible rebates on the BLT models!



Part#	Size	Drive	HP	Voltage	PH	AMP	RPM	Speed	Housing Depth
*BLT503230460V	50"	BD	1.5	230/460	3	4.3/2.12	385	Variable	6.0"
BLT501230	50"	BD	1	230	1	6.8	385	Single	6.0"
*BLT503230460VWL	50"	BD	1	230/460	3	4.3/2.12	385	Variable	6.0"
BLT721230	72"	BD	3	230	1	15.5	350	Variable	12.0"
BLT723230460	72"	BD	3	230/460	3	8.2/4.1	350	Variable	12.0"

***Red data based on testing performed by an independent accredited lab using ANSI/AMCA 230-07 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.*

Additional AMCA testing Results:

Part#	Size	HP	RPM	Voltage	AMP	CFM	WATT	CFM Thrust	LBF/KW	LBF KW
*BLT503230460V	50"	1.5	385	230/460	4.3/2.12	25,523	20.76	29.862	24.3	1.2296
*BLT503230460VWL	50"	1	385	230/460	3.3/1.8	23,373	20.86	25.545	22.8	1.120
BLT723230460	72"	3	350	230/460	8.2/4.1	47,109	22.41	48.76	23.2	2.102
BLT723230460	72"	3	310	230/460	8.2/4.1	41,470	27.6	37.79	25.16	1.5



VES Environmental Solutions, LLC. certifies that the BLT503230460V, BLT503230460VWL and BLT723230460 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to airflow rate at free delivery only. Speed (rpm) shown is nominal. Performance is based on actual speed of test.