

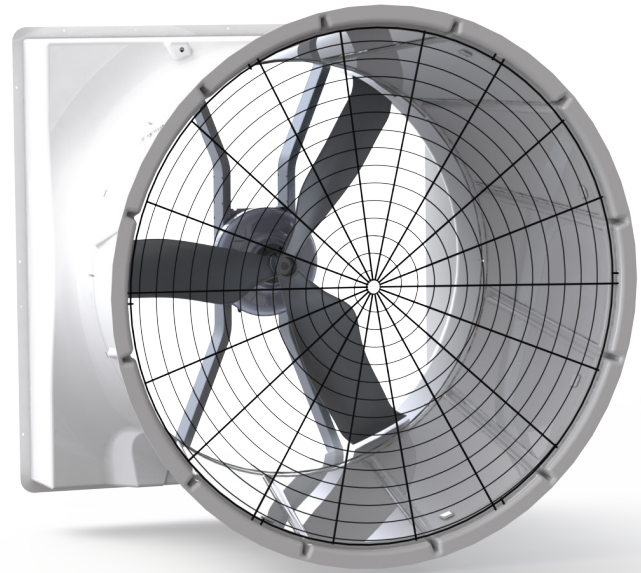


Munters Vortex Series

VX36, VX48, VX51, VX55 with Munters Drive

Features

- Reduces energy consumption by up-to 40%
- Maintenance-free bearings and no belts or tensioners
- Variable speed or custom modes delivers optimal ventilation for your operation
- Industry leading 5-year warranty
- Custom ventilation modes delivering optimal ventilation
- IP66 rated drive enclosure and wash down motor designed specifically for the tough Agricultural Environment
- Qualifies for energy rebates with local utilities



Vortex

Munters premium exhaust fan line

Munters set the bar with its patented Munters Drive motor technology. Today, Munters leads the EC motor market with more than 25,000 units in the field. Engineered for high performance and low energy consumption, Vortex series fans equipped with Munters Drive can reduce electric energy consumption by 40%, are nearly maintenance free, lower energy costs, and are part of a sustainable system design.

The Munters Drive motor system offers three different airflow and efficiency options, for a customized approach to ventilation. Options include High Efficiency (HE) for the lowest energy consumption, High Output (HO) to move a large volume of air, High Rebate (HR) that will maximize output while qualifying for regional energy efficiency rebates.

This EC motor technology is an excellent addition to Munters already innovative product lines. Munters Drive offers significant advantages including: energy reduction, no maintenance of belts and bearings, lower installation costs, no additional variable frequency drive or thermal overloads are required, and a soft start-up eliminates energy spikes. The motor is designed to be easily retrofitted to your existing traditional Munters fans.

All of these savings add up to a powerful return on investment (ROI) and an improved ventilation system. With a 5-year industry leading warranty, Munters stands behind its products. Munters has been building ventilation systems for over 75 years. Sustainability is at the heart of our business.



Munters Drive

Munters Vortex Series

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Performance Information

VX55	Prop RPM	0.0" SP		0.05" SP		0.10" SP		0.15" SP		0.20" SP		AFR	BESS Test
		CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt		
Three Phase - 460V													
High Efficiency - HE	490	33,000	27.2	31,100	24.1	28,900	21.4	26,600	18.9	23,000	16.1	0.73	12797
High Rebate - HR	496	33,500	26.5	31,600	23.7	29,500	21.1	27,200	18.8	23,900	16.1	0.76	12798
High Output - HO	556	37,900	21.5	36,100	19.4	34,400	17.7	32,600	16.2	30,300	14.5	0.84	12799

VX55	RPM	0.0" SP		0.05" SP		0.10" SP		AFR	BESS Test
		CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt		
Three Phase - 460V									
Low Airflow	375	23,300	41.8	20,500	34.4	16,500	27.0		12200

VX51	RPM	0.0" SP		0.05" SP		0.10" SP		0.15" SP		0.20" SP		AFR	BESS Test
		CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt		
Three Phase - 460V													
High Efficiency - HE	540	28,300	30.4	26,700	27.1	24,700	23.9	22,500	20.9	19,900	18.0	0.75	12679
High Rebate - HR	593	31,200	25.8	29,900	23.3	28,200	21.1	26,300	18.8	24,100	16.7	0.81	12680
High Output - HO	655	34,800	21.2	33,300	19.4	31,900	17.7	30,400	16.2	28,700	14.8	0.86	12681

VX51	RPM	0.0" SP		0.05" SP		0.10" SP		AFR	BESS Test
		CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt		
Three Phase - 460V									
Low Airflow	405	19,900	47.7	17,200	38.1	14,000	29.8		12205

VX48	RPM	0.0" SP		0.05" SP		0.10" SP		0.15" SP		0.20" SP		AFR	BESS Test
		CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt		
Three Phase - 460V													
High Efficiency - HE	594	25,000	25.4	23,500	22.7	21,900	18.2	20,100	18.2	18,000	15.9	0.77	13412
High Rebate - HR	649	27,500	21.6	26,300	19.8	24,800	18.0	23,300	16.4	21,400	14.7	0.81	13413
High Output - HO	688	29,300	19.4	27,900	17.7	26,600	16.4	25,200	15.0	23,700	13.7	0.85	13414

VX36	RPM	0.0" SP		0.05" SP		0.10" SP		0.15" SP		0.20" SP		AFR	BESS Test
		CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt	CFM	<u>CFM</u> Watt		
Three Phase - 460V													
High Efficiency - HE	796	12,550	26.1	11,690	22.9	10,840	19.9	9,770	17.4	8,400	14.9	0.67	15382
High Rebate - HR	876	13,950	22.8	13,210	20.3	12,460	18.2	11,670	16.3	10,770	14.6	0.82	15145
High Output - HO	992	15,970	17.8	15,420	16.7	14,790	15.3	14,090	14.1	13,350	13.0	0.83	15380

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