



Munters Vortex Series

VX55, VX51, VX48, VX36 with Munters Drive

The Vortex series is our premium line of exhaust fans

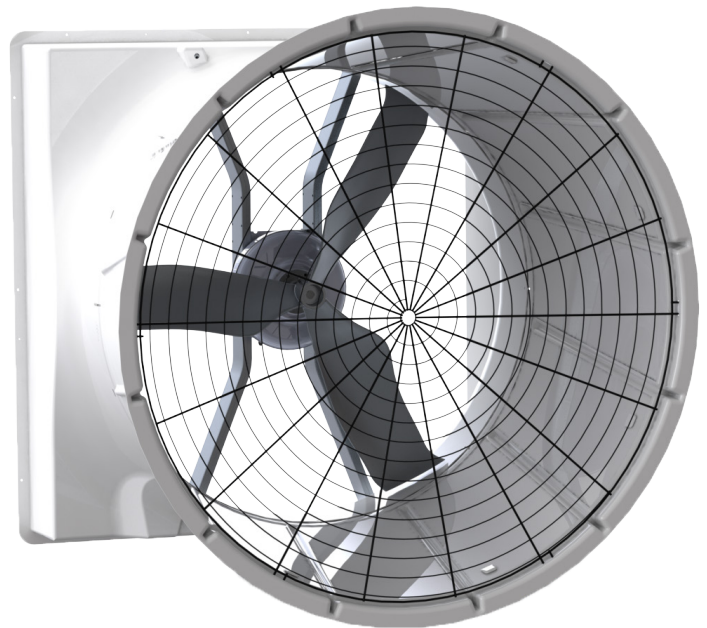
Features

- Lowers electrical usage—save up to 40% annually
- May qualify for rebates from utility companies
- 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

Vortex series with Munters Drive pairs the agriculture industry's leading ventilation system with the leading EC motor to provide the ultimate in controlled climates.

Munters Drive gives dairy, swine, poultry, and greenhouse producers more control of performance, maintenance and energy costs, animal comfort, and emissions. Built using Electronically Commutated (EC) technology, the motor completely modernizes how buildings are ventilated and saves you money in the long run—because that's exactly what the Munters Drive was made for.

More than 30,000 Munters Drive units are in use at over 1,400 farms worldwide, with the first Drives installed exceeding 100,000 hours of continuous operation. 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.



Belled mount, discharge cone and outlet guard improves airflow



Munters Drive direct drive motor

Munters Vortex Series

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Performance

		VX55 Three Phase, 460V High Efficiency - HE	VX55 Three Phase, 460V High Rebate - HR	VX55 Three Phase, 460V High Output - HO	VX51 Three Phase, 460V High Efficiency - HE	VX51 Three Phase, 460V High Rebate - HR	VX51 Three Phase, 460V High Output - HO
	RPM	490	496	556	540	593	655
0.00" SP	CFM	33,000	33,500	37,900	28,300	31,200	34,800
	CFM/Watt	27.2	26.5	21.5	30.4	25.8	21.2
	CFM	31,100	31,600	36,100	26,700	29,900	33,300
0.05" SP	CFM/Watt	24.1	23.7	19.4	27.1	23.3	19.4
	CFM	29,900	29,500	34,400	24,700	28,200	31,900
0.10" SP	CFM/Watt	21.4	21.1	17.7	23.9	21.1	17.7
	CFM	26,600	27,200	32,600	22,500	26,300	30,400
0.15" SP	CFM/Watt	18.9	18.8	16.2	20.9	18.8	16.2
	CFM	23,300	23,900	30,300	19,900	24,100	28,700
0.20" SP	CFM/Watt	16.1	16.1	14.5	18.0	16.7	14.8
	Airflow Ratio	0.73	0.76	0.84	0.75	0.81	0.86
	BESS Lab Test	12797	12798	12799	12679	12680	12681

		VX48 Three Phase, 460V High Efficiency - HE	VX48 Three Phase, 460V High Rebate - HR	VX48 Three Phase, 460V High Output - HO	VX36 Three Phase, 460V High Efficiency - HE	VX36 Three Phase, 460V High Rebate - HR	VX36 Three Phase, 460V High Output - HO
	RPM	594	649	688	796	876	992
0.00" SP	CFM	25,000	27,500	29,300	12,550	13,950	15,970
	CFM/Watt	25.4	21.6	19.4	26.1	22.8	17.8
	CFM	23,500	26,300	27,900	11,690	13,210	15,420
0.05" SP	CFM/Watt	22.7	19.8	17.7	22.9	20.3	16.7
	CFM	21,900	24,800	26,600	10,840	12,460	14,790
0.10" SP	CFM/Watt	18.2	18.0	16.4	19.9	18.2	15.3
	CFM	20,100	23,300	25,200	9,770	11,670	14,090
0.15" SP	CFM/Watt	18.2	16.4	15.0	17.4	16.3	14.1
	CFM	18,000	21,400	23,700	8,400	10,770	13,350
0.20" SP	CFM/Watt	15.9	14.7	13.7	14.9	14.6	13.0
	Airflow Ratio	0.77	0.81	0.85	0.67	0.82	0.83
	BESS Lab Test	13412	13413	13414	15382	18145	15380

		VX55 Three Phase, 460V Low Airflow	VX51 Three Phase, 460V Low Airflow
	RPM	375	405
0.00" SP	CFM	23,300	19,900
	CFM/Watt	41.8	47.7
	CFM	20,500	17,200
0.05" SP	CFM/Watt	34.4	38.1
	CFM	16,500	14,000
0.10" SP	CFM/Watt	27.0	29.8
	BESS Lab Test	12200	12205

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