



Product sheet
VX Series with Munters Drive

- Reduce fan energy costs up to 40%
- Maintenance FREE
 - No bearing maintenance
 - No belts to replace
- Reduce your carbon footprint
- Optional modes HE, HR, HO providing increased ventilation and savings
- Qualifies for energy rebates
- Patent Pending

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VX 36", 48", 51" and 55" with Munters Drive

Munters has engineered the latest advancement in motor technology by developing this unique motor drive system. It is designed for high performance and low energy consumption. The revolutionary motor offers up to a 40% reduction in electrical usage and is nearly maintenance free, helping to reduce your carbon foot print, save money and usher in a "greener" approach to agricultural and horticultural ventilation.

The motor drive system offers three different airflow and efficiency options, allowing for a customized approach to ventilation. Options include High Efficiency (HE) for minimum ventilation, 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 motor technology is an excellent addition to Munters' already innovative product lines, offering significant advantages that include energy reduction, no maintenance of belts and bearings, lower installation costs, no variable frequency drive or thermal overloads are required and a soft start-up, eliminating energy spikes. The motor runs cool and quiet, for longer motor and bearing life. The motor is designed to be easily retrofitted to your existing traditional Munters/Aerotech fans. All these savings add up to a powerful return on investment (ROI) and an improved ventilation system.



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Performance Information: 55" VX, Three Phase - 460 Volt Motor and Drive

	0.00" SP			0.05" SP		0.10" SP		0.15" SP		0.20" SP		
	RPM	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	BESS Lab Test
High Efficiency -HE	490	33,000	27.2	31,100	24.1	28,900	21.4	26,600	18.9	23,000	16.1	12797
High Rebate - HR	495	33,500	26.5	31,600	23.7	29,500	21.1	27,200	18.8	23,900	16.1	12798
High Output - HO	555	37,900	21.5	36,100	19.4	34,400	17.7	32,600	16.2	30,300	14.5	12799

Performance Information: 51" VX, Three Phase - 460 Volt Motor and Drive

	0.00" SP			0.05" SP		0.10" SP		0.15" SP		0.20" SP		
	RPM	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	BESS Lab Test
High Efficiency -HE	540	28,300	30.4	26,700	27.1	24,700	23.9	22,500	20.9	19,900	18.0	12679
High Rebate - HR	595	31,200	25.8	29,900	23.3	28,200	21.1	26,300	18.9	24,100	16.7	12680
High Output - HO	655	34,800	21.1	33,300	19.4	31,900	17.7	30,400	16.2	28,700	14.8	12681

Performance Information: 51" VX, Three Phase - 460 Volt Motor and Drive

	0.00" SP			0.05" SP		0.10" SP		BESS Lab Test
	RPM	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	
1/2 Airflow	405	19,900	47.7	17,200	38.1	14,000	29.8	12205

Performance Information: 55" Vortex, Three Phase - 460 Volt Motor and Drive

	0.00" SP			0.05" SP		0.10" SP		BESS Lab Test
	RPM	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	
1/2 Airflow	375	23,300	41.8	20,500	34.4	16,500	27.0	12200

Performance Information: 48" VX, Three Phase - 460 Volt Motor and Drive

	0.00" SP			0.05" SP		0.10" SP		0.15" SP		0.20" SP		
	RPM	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	BESS Lab Test
High Efficiency -HE	594	25,000	25.4	23,500	22.7	21,900	20.5	20,100	18.2	18,000	15.9	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	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	13414

Performance Information: 36" VX, Single Phase - 230 Volt Motor and Drive

	0.00" SP			0.05" SP		0.10" SP		0.15" SP		0.20" SP		
	RPM	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	BESS Lab Test
High Efficiency -HE	796	12,550	26.1	11,690	22.9	10,840	19.9	9,770	17.4	8,400	14.9	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	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	15380



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