Product sheet

Munters Aerotech Vortex Series 36-55

Exhaust Fan - VX36, VX48, VX51, VX55 with Belt Drive

Built to perform in the most demanding environments, the Vortex premium exhaust fan line is engineered with durability, efficiency, and long-term value in mind. Designed by experts who understand the challenges of corrosive gases, intense sunlight, and extreme heat, these fans feature a rugged fiberglass housing and stainless steel components that resist wear from both internal and external conditions.

Features

- Cast aluminum airfoil propeller
- UV resistant fiberglass housing
- Stainless steel hardware and fasteners
- High strength extruded aluminum struts
- High quaility, Made in USA, pillow block greasable bearings
- Poly cone standard on 36", 48", 51" and 55" fans
- Greasable automotive style belt tensioner
- Three phase models compatible with variable frequency drives
- Optional belled inlet shutter for added airflow



Vortex Fan Series

At the core of their performance is the renowned cast aluminum airfoil propeller, delivering exceptional airflow and energy efficiency while maintaining structural integrity over time.

What truly sets the Vortex series apart are its premium standard features. Aerodynamic extruded aluminum support struts enhance stability and airflow, while belled inlet shutters ensure a smooth transition for incoming air, reducing turbulence and improving overall system efficiency. High-efficiency motors and precision drive components contribute to reliable, low-maintenance operation, making these fans a smart choice for agricultural, industrial, and commercial ventilation needs.



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Munters Aerotech Vortex 36-55

Exhaust Fan - VX36, VX48, VX51, VX55 with Belt Drive

Performance			0.0 SP		0.05 SP		0.10 SP		0.15 SP		0.20 SP		Air Flow Ratio	BESS Test
Model	Prop Dia.	Prop RPM	CFM	CFM Watt	CFM	CFM Watt	CFM	CFM Watt	CFM	CFM Watt	CFM	CFM Watt		
Standard inlet plastic shutter, discharge cone and outlet guard														
VX552F3CP Three Phase, 2HP	55″	545	35200	18.1	**33700**	**16.8**	**32100**	**15.7**	**30000**	**14.4**	28000	13.2	0.83	10148
VX5515F3CP Three Phase, 1.5HP	55″	490	31700	21.6	**29900**	**19.8**	**28000**	**17.9**	**25700**	**16.1**	22900	14.1	0.77	10152
VX552F1CP Single Phase, 2 HP	55″	540	33900	16.9	**32600**	**15.7**	**31100**	**14.7**	**29400**	**13.7**	27200	12.5	0.83	--
VX5515F1CP Single Phase, 1.5 HP	55″	490	31400	21.1	**29600**	**19.2**	**27700**	**17.5**	**25300**	**15.8**	22200	13.7	0.75	--
VX512F3CP Three Phase, 2HP	51″	630	33200	19.1	**31900**	**17.7**	**30400**	**16.4**	**28800**	**15.2**	26900	13.9	0.84	11372
VX5115F3CP Three Phase, 1.5 HP	51″	575	30300	21.8	**28800**	**20.0**	**27000**	**18.2**	**24900**	**16.4**	22600	14.6	0.78	11369
VX511F3CP Three Phase, 1 HP	51″	535	28500	25.2	**26700**	**22.6**	**24700**	**20.2**	**22100**	**17.6**	18700	14.6	0.70	11367
VX512F1CP Single Phase, 2 HP	51″	620	32700	19.3	**31200**	**17.7**	**29500**	**16.3**	**27700**	**15.0**	25600	13.7	0.82	11364
VX5115F1CP Single Phase, 1.5 HP	51″	575	30500	21.7	**29100**	**20.0**	**27200**	**18.2**	**25100**	**16.5**	22900	14.8	0.79	11361
VX511F1CP Single Phase, 1 HP	51″	535	27800	24.8	**26000**	**22.2**	**24000**	**19.9**	**21600**	**17.4**	18600	14.7	0.72	11360
VX4815F3CP Three Phase, 1.5 HP	48″	635	27500	18.8	**26100**	**17.2**	**24800**	**15.9**	**23300**	**14.5**	21600	13.2	0.79	--
VX481F3CP Three Phase, 1 HP	48″	575	25000	24.1	**23500**	**21.7**	**22000**	**19.6**	**20200**	**17.5**	17900	15.2	0.76	--
VX4815F1CP Single Phase, 1.5 HP	48″	635	27500	18.8	**26100**	**17.2**	**24800**	**15.9**	**23300**	**14.5**	21600	13.2	0.79	--
VX481F1CP Single Phase, 1 HP	48″	575	25000	24.1	**23500**	**21.7**	**22000**	**19.6**	**20200**	**17.5**	17900	15.2	0.76	--
VX365ZCP Single Phase, 1.5 HP	36″	1075	16910	11.8	**16260**	**11.0**	**15700**	**10.4**	**15110**	**9.8**	--	--	--	4085
VX361ZCP Single Phasee, 1 HP	36″	1010	15850	13.4	**15150**	**12.4**	**14560**	**11.7**	**13930**	**11.0**	--	--	--	4084
VX365ZCP Single Phase, 0.5 HP	36″	770	12570	21.4	**11800**	**19.4**	**10880**	**17.1**	**9890**	**15.2**	--	--	--	93239
VX36ZCP Direct Drive, Single Phase, 0.5 HP	36″	850	12620	21.0	**11870**	**18.7**	**10920**	**16.6**	**9950**	**14.7**	--	--	--	96151
Belled inlet plastic shutter, discharge cone and outlet guard														
VX552F3CT Three Phase, 2 HP	55″	545	36,800	18.8	**35,500**	**17.7**	**33,400**	**16.3**	**31,400**	**15.0**	29,100	13.8	0.82	10150
VX5515F3CT Three Phase, 1.5 HP	55″	490	33,000	22.5	**31,200**	**20.6**	**28,900**	**18.5**	**26,600**	**16.6**	23,900	14.8	0.77	10154
VX552F1CT Single Phase, 2 HP	55″	540	35,400	17.6	**34,100**	**16.5**	**32,400**	**15.3**	**30,800**	**14.3**	28,300	13.1	0.83	--
VX5515F1CT Single Phase, 1.5 HP	55″	490	32,800	22.7	**30,900**	**20.7**	**28,600**	**18.5**	**26,000**	**16.4**	23,000	14.5	0.74	11379
VX512F3CT Three Phase, 2HP	51″	630	34,100	20.1	**32,700**	**18.6**	**31,200**	**17.2**	**29,500**	**15.7**	27,800	14.5	0.85	11371
VX5115F3CT Three Phase, 1.5HP	51″	575	31,200	23.1	**29,700**	**21.1**	**27,700**	**19.0**	**25,600**	**17.0**	23,300	15.1	0.78	11370
VX511F3CT Three Phase, 1HP	51″	535	29,400	27.0	**27,600**	**23.9**	**25,500**	**21.1**	**23,100**	**18.5**	20,200	15.9	0.73	11366
VX512F1CT Single Phase, 2 HP	51″	620	33,600	20.3	**32,200**	**18.8**	**30,500**	**17.2**	**28,600**	**15.7**	26,500	14.4	0.82	11363
VX5115F1CT Single Phase, 1.5 HP	51″	575	31,400	23.3	**29,800**	**21.2**	**28,100**	**19.2**	**26,100**	**17.3**	23,700	15.3	0.8	11362
VX511F1CT Single Phase, 1 HP	51″	535	28,900	26.5	**27,000**	**23.4**	**25,000**	**20.9**	**22,600**	**18.3**	19,900	15.8	0.74	11359