

Product sheet

Aerotech Fan Series VX48, VX51, VX55

- Design awarded U.S. Patents 6,386,828; 6,616,404 and 6,953,320.
- Cast aluminum airfoil propeller
- UV resistant fiberglass housing
- Stainless steel hardware and fasteners
- High strength extruded aluminum struts
- High quality, Made in USA, pillow block greasable bearings
- Poly cone standard
- Greasable automotive style belt tensioner
- Three phase models compatible with variable frequency drives
- Optional premium efficiency motor
- Optional belled inlet shutter for added airflow

VX48, VX51, VX55

The VX series is Munters premium exhaust fan line. What distinguishes the VX fan line as a superior choice are the premium standard features. These include the renowned Aerotech cast aluminum airfoil propeller that provides high air flow and efficiency along with durability. A fiberglass housing with stainless steel components offers corrosion resistance. A belled inlet shutter providing a smooth transition for incoming air. Aerodynamic extruded aluminum support struts, combined with high efficiency motors and quality drive components, make the VX series a premium product.

Optional upgrades include a remote lubrication feature, permitting fan maintenance from outside the building. The available premium efficiency motor, with heavy duty construction, will take the Aerotech® VX to the next level of performance. Also available for the VX51 is the new patent pending four-door damper optimizing the fans spiral airflow pattern and offering a weather-tight seal for energy savings.



Munters Corporation, Business Area AgHort

4215 Legion Drive Mason, MI 48854-1036 USA / Phone: +1 517-676-7070 Fax: 517-676-7078
Email: aghort.info@munters.com / www.munters.us



Performance Information

Belt Drive Fan complete with belled inlet plastic shutter, discharge cone and outlet guard

Catalog No.	Prop Dia.	Motor HP	Prop RPM	Max. BHP	0.0" SP		0.05" SP		0.10" SP		0.15" SP		0.20" SP		AFR	BESS Lab Test
					CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt		
Single Phase Motors																
VX511F1CT	51"	1	535	1.35	28,900	26.5	27,000	23.4	25,000	20.9	22,600	18.3	19,900	15.8	0.74	11359
VX5115F1CT	51"	1.5	575	1.68	31,400	23.3	29,800	21.2	28,100	19.2	26,100	17.3	23,700	15.3	0.80	11362
VX512F1CT	51"	2	620	2.02	33,600	20.3	32,200	18.8	30,500	17.2	28,600	15.7	26,500	14.4	0.82	11363
VX5515F1CT	55"	1.5	490	1.72	32,800	22.7	30,900	20.7	28,600	18.5	26,000	16.4	23,000	14.5	0.74	11379
VX552F1CT	55"	2	540	2.37	35,400	17.6	34,100	16.5	32,400	15.3	30,800	14.3	28,300	13.1	0.83	-
Three Phase Motors																
VX511F3CT	51"	1	535	1.36	29,400	27.0	27,600	23.9	25,500	21.1	23,100	18.5	20,200	15.9	0.73	11366
VX5115F3CT	51"	1.5	575	1.72	31,200	23.1	29,700	21.1	27,700	19.0	25,600	17.0	23,300	15.1	0.78	11370
VX512F3CT	51"	2	630	2.13	34,100	20.1	32,700	18.6	31,200	17.2	29,500	15.7	27,800	14.5	0.85	11371
VX5515F3CT	55"	1.5	490	1.80	33,000	22.5	31,200	20.6	28,900	18.5	26,600	16.6	23,900	14.8	0.77	10154
VX552F3CT	55"	2	545	2.35	36,800	18.8	35,300	17.7	33,400	16.3	31,400	15.0	29,100	13.8	0.82	10150

Performance Information:

Belt Drive Fan complete with standard plastic shutter, discharge cone and outlet guard

Catalog No.	Prop Dia.	Motor HP	Prop RPM	Max. BHP	0.0" sp		0.05" sp		0.10" sp		0.15" sp		0.20" sp		AFR	BESS Lab Test
					CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt		
Single Phase Motors																
VX481F1C	48"	1	575	1.26	25,000	24.1	23,500	21.7	22,000	19.6	20,200	17.5	17,900	15.2	0.76	--
VX4815F1C	48"	1.5	635	1.69	27,500	18.8	26,100	17.2	24,800	15.9	23,300	14.5	21,600	13.2	0.79	--
VX511F1CP	51"	1	535	1.36	27,800	24.8	26,000	22.2	24,000	19.9	21,600	17.4	18,600	14.7	0.72	11360
VX5115F1CP	51"	1.5	575	1.68	30,500	21.7	29,100	20.0	27,200	18.2	25,100	16.5	22,900	14.8	0.79	11361
VX512F1CP	51"	2	620	2.05	32,700	19.3	31,200	17.7	29,500	16.3	27,700	15.0	25,600	13.7	0.82	11364
VX5515F1CP	55"	1.5	490	1.76	31,400	21.1	29,600	19.2	27,700	17.5	25,300	15.8	22,200	13.7	0.75	--
VX552F1CP	55"	2	540	2.39	33,900	16.9	32,600	15.7	31,100	14.7	29,400	13.7	27,200	12.5	0.83	--
Three Phase Motors																
VX481F3C	48"	1	575	1.26	25,000	24.1	23,500	21.7	22,000	19.6	20,200	17.5	17,900	15.2	0.76	--
VX4815F3C	48"	1.5	635	1.69	27,500	18.8	26,100	17.2	24,800	15.9	23,300	14.5	21,600	13.2	0.79	--
VX511F3CP	51"	1	535	1.37	28,500	25.2	26,700	22.6	24,700	20.2	22,100	17.6	18,700	14.6	0.70	11367
VX5115F3CP	51"	1.5	575	1.72	30,300	21.8	28,800	20.0	27,000	18.2	24,900	16.4	22,600	14.6	0.78	11369
VX512F3CP	51"	2	630	2.15	33,200	19.1	31,900	17.7	30,400	16.4	28,800	15.2	26,900	13.9	0.84	11372
VX5515F3CP	55"	1.5	490	1.81	31,700	21.6	29,900	19.8	28,000	17.9	25,700	16.1	22,900	14.1	0.77	10152
VX552F3CP	55"	2	545	2.36	35,200	18.1	33,700	16.8	32,100	15.7	30,000	14.4	28,000	13.2	0.83	10148

Aerotech Fan VX Series fans are developed and produced by Munters Corporation, Mason Michigan USA



Australia Munters Pty Limited, Phone +61 2 8843 1594, **Brazil** Munters Brasil Industria e Comercio Ltda, Phone +55 41 3317 5050, **Canada** Munters Corporation Mason, Phone +1 517 676 7070, **China** Munters Air Treatment Equipment (Beijing) Co. Ltd, Phone +86 10 80 418 000, **Denmark** Munters A/S, Phone +45 9862 3311, **India** Munters India, Phone +91 20 3052 2520, **Indonesia** Munters, Phone +62 818 739 235, **Italy** Munters Italy S.p.A., Chiusavecchia, Phone +39 0183 52 11, **Japan** Munters K.K., Phone +81 3 5970 0021, **Korea** Munters Korea Co. Ltd., Phone +82 2 761 8701, **Mexico** Munters Mexico, Phone +52 818 262 54 00, **Russia** Munters AB, Phone +7 812 448 5740, **Singapore** Munters Pte Ltd., Phone +65 744 6828, **South Africa and Sub-Sahara Countries** Munters (Pty) Ltd., Phone +27 11 997 2000, **Spain** Munters Spain S.A., Phone +34 91 640 09 02, **Sweden** Munters AB, Phone +46 8 626 63 00, **Thailand** Munters Co. Ltd., Phone +66 2 642 2670, **Turkey** Munters Form Endüstri Sistemleri A.Ş., Phone +90 262 751 3750, **USA** Munters Corporation Mason, Phone +1 517 676 7070, **Vietnam** Munters Vietnam, Phone +84 8 3825 6838, **Export & Other countries** Munters Italy S.p.A., Chiusavecchia Phone +39 0183 52 11.

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