



Munters Vortex Series

VX36, VX48, VX51, VX55 - Belt Drive

The Vortex fan series is Munters premium exhaust fan line.

Features

- 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



Vortex

The Vortex series is Munters premium exhaust fan line. What distinguishes the Vortex fan line as a superior choice are the premium standard features. These include the 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 Munters Vortex to the next level of performance. Also available for the VX51 is the four-door damper optimizing the fans spiral airflow pattern and offering a weather-tight seal for energy savings.

Munters Vortex Series

Performance Information VX36, VX48, VX51, VX55 - Belt Drive

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 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		
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

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 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		
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	--
Single 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

Fan complete with discharge cone, guard and inlet shutter. Formerly AT series - Replace VX for AT when searching Bess lab. AT Advantage fans are part of the VX Series as of 2014

Catalog No.	Prop Dia.	Motor HP	Prop RPM	Max. BHP	0.0" SP		0.05" SP		0.10" SP		0.15" SP		Drive Type	BESS Test
					CFM	CFM Watt	CFM	CFM Watt	CFM	CFM Watt	CFM	CFM Watt		
AT36ZC	36"	.5	850	0.60	12,620	21.0	11,870	18.7	10,920	16.6	9,950	14.7	Direct	96151
AT365ZC	36"	.5	770	0.67	12,570	21.4	11,800	19.4	10,880	17.1	9,890	15.2	Belt	93239
AT361ZC	36"	1	1010	1.35	15,850	13.4	15,150	12.4	14,560	11.7	13,930	11.0	Belt	04084
AT3615ZC	36"	1.5	1075	1.63	16,910	11.8	16,260	11.0	15,700	10.4	15,110	9.8	Belt	04085

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