

VANO® 175CV, 250CV and 500



Removable sleeve design on 175CV and 250CV offer convenience and flexibility (see below for more information).



High volume ventilators for exhausting fumes and delivering fresh air supply. Rugged, durable design with outstanding performance.

Ideal for ventilating: Tanks, Process Vessels, Tank Cars, Manholes and other confined space areas.

MODEL 175CV: 3/4 HP, 1500 cfm (2549 m³/hr)

MODEL 250CV: 1 HP, 3000 cfm (5098 m³/hr)

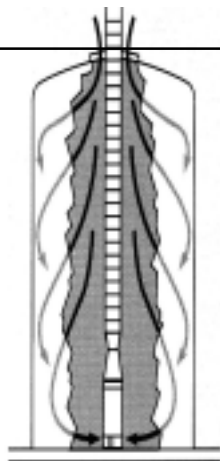
MODEL 500: 1 1/2 HP, 5000 cfm (8495 m³/hr)

FEATURES:

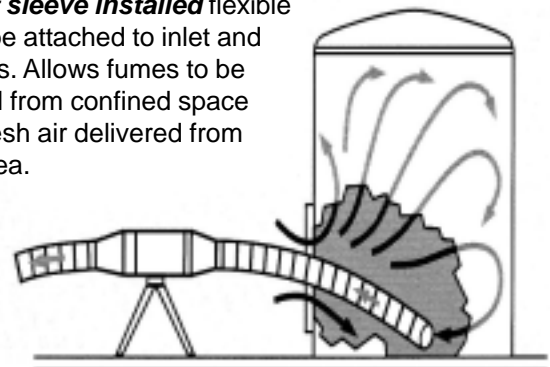
- **Patented straightening vanes for unmatched static pressure performance.**
- Accepts ducting on inlet and outlet ends.
- Available with Totally Enclosed (TE) or Explosion Proof (EP) motors (electrical cord, connections and junction box available as optional accessories for EP version, see page 6).
- Heavy duty, powder coated steel and aluminum construction.
- Spark resistant heavy duty fan blades.
- Removable sleeve on 175CV and 250CV converts inlet from accepting duct to side-cutout version for exhausting fumes from bottom of tanks (see below for more details).
- Automatic reset thermal overload protection standard on VANO 175CV and 250CV models.
- Optional Tripod and Transport Cart available for 175CV and 250CV (see Accessories on page 6).
- VANO 500 has built-in transport cart with retractable handle.

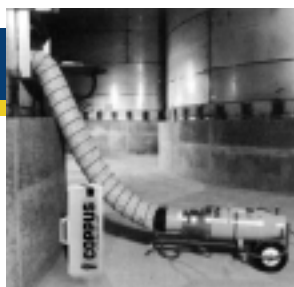
CONVERTIBLE DESIGN

With inlet sleeve removed cut-outs on inlet side of CV models are exposed for exhausting heavier than air fumes from the bottom of tanks, vats, drums or other confined spaces.

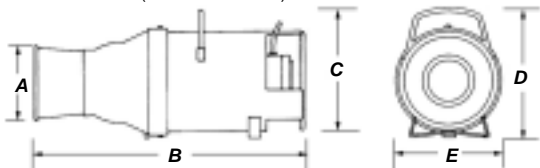


With inlet sleeve installed flexible duct can be attached to inlet and outlet ends. Allows fumes to be exhausted from confined space area or fresh air delivered from remote area.

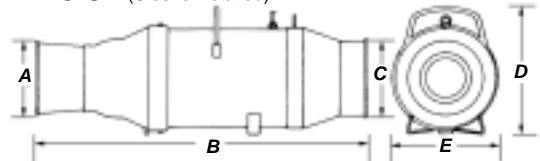




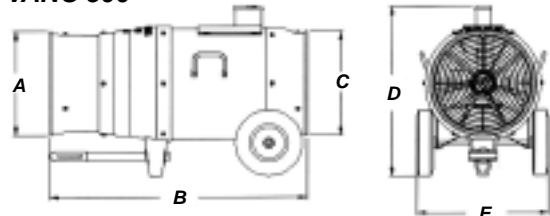
VANO CV (Sleeve removed)



VANO CV (Sleeve installed)



VANO 500



DIMENSIONS

MODEL	(IN./ mm)					(lbs/kgs)	(IN./mm)
	A	B	C	D	E	WT	Duct
175CV Sleeve Removed	8.38 213	31.88 810	10.62 270	13.75 349	11.38 289	62 28	8 203
175CV Sleeve Installed	8.38 213	38.88 988	8.38 213	13.75 349	11.38 289	73 33	8 203
250CV Sleeve Removed	12 305	33 838	12.25 311	15.62 397	13.25 337	86 39	12 305
250CV Sleeve Installed	12 305	36 914	12 305	15.62 397	13.25 337	93 41	12 305
500	15.87 403	35.46 900	15.87 403	25.88 658	19.91 506	150 68	16 406

PERFORMANCE

cfm (m³/hr) at Various Static Pressures

Model	FREE AIR		0.5 in. WG 13 mm		0.75 in. WG 19 mm		1.0 in. WG 25 mm	
	cfm	m ³ /hr	cfm	m ³ /hr	cfm	m ³ /hr	cfm	m ³ /hr
175CV	1500	2549	1350	2294	1280	2175	1230	2090
250CV	3000	5098	2620	4452	2480	4214	2300	3908
500	5000	8496	4200	7137	3700	6287	3350	5692

cfm (m³/hr) Air Flow Through Duct (Straight Runs)

Model	10 ft. 3.05 m		20 ft. 6.10 m		30 ft. 9.15 m		50 ft. 15.25 m	
	cfm	m ³ /hr	cfm	m ³ /hr	cfm	m ³ /hr	cfm	m ³ /hr
175CV	1400	2379	1300	2209	1200	2039	1080	1835
250CV	2940	5098	2620	4452	2480	4214	2300	3908
500	4835	8215	4600	7815	4450	7560	4340	7379

ELECTRICAL SPECIFICATIONS

All VANO Models are available with Totally Enclosed (TE) or Hazardous Location, aka Explosion Proof (EP), Class 1, Division 1, Group D; Class II, Division 1, Groups E, F, G motors. 175CV and 250CV models include automatic reset and thermal overload protection. 500 model includes manual reset and thermal overload protection.

MODEL	AVAILABLE VOLTAGE	SWITCHES		CORD		PLUG TYPE	
	Volt / Ph / Freq.(Hz)	TE	EP	TE	EP	TE	EP
175CV	115/1/60	Built-in	Built-in	Included	Optional	Included	Optional
175CV	230/1/60	Built-in	Built-in	Included	Optional	Optional	Optional
175CV	220/1/50*	Built-in	Built-in	Included	Optional	Optional	Optional
250CV	115/1/60	Built-in	Built-in	Included	Optional	Optional	Optional
250CV	230/1/60	Built-in	Built-in	Included	Optional	Optional	Optional
250CV	230/3/60	External	N/A	Included	Optional	Optional	Optional
250CV	460/3/60	External	N/A	Included	Optional	Optional	Optional
250CV	220/13/50*	Built-in	Built-in	Included	Optional	Optional	Optional
250CV	380/3/50*	External	N/A	Included	Optional	Optional	Optional
500	115/1/60	External	External	Included	Optional	Included	Optional

*50Hz models are not stock items. Additional delivery time required. Contact Customer Services for more information.