VORTEX®
POWERFANS
High Performance Inline Duct Blowers

DESIGNED FOR SILENCE, BUILT FOR POWER

Atmosphere's Vortex Powerfans V-Series *combine high performance and quiet operation. These fans are equipped with a mixed-flow impeller allowing more air volume than any other comparable impeller design. Furthermore, the* ***V-Series*** *fans operate at lower RPM (1500 to 1700) making them even quieter. These fans are available in configurations from 12" to 16" ranging from 2050 to 4515 CFMs.*

V
SERIES

12" *V-12XL*
2050 ***CFM***

14" *V-14XL*
2905 ***CFM***

16" *V-16XL*
4515 ***CFM***

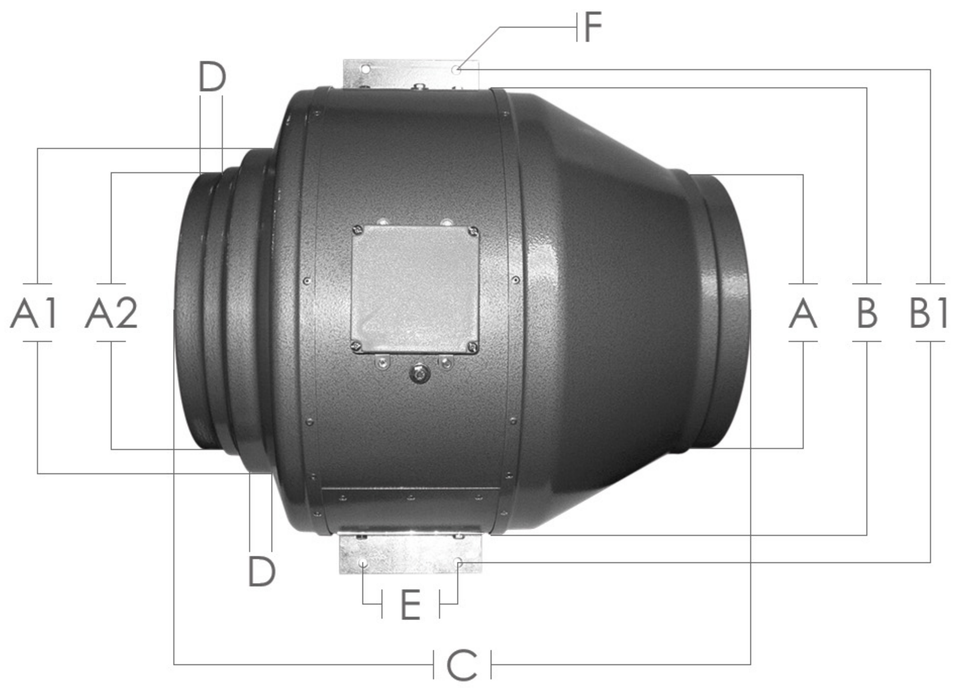
Features and Benefits

- *Aerodynamic design allowing more air flow.*
- *Heavy gage steel casing with a Hammertone powder coat finish, making it more sound absorbing and rustproof.*
- *High quality maintenance-free balanced motor, equipped with a mixed flow impeller, allowing an extremely quiet operation.*
- *100% speed controllable, easing air flow adjustment, for better balancing of the ventilation system. (optional speed control)*
- *Extended collar and lip, allowing easy duct hook-up.*
- *Permanently lubricated maintenance-free ball bearing motor.*
- *Galvanized mounting brackets for horizontal or vertical installation. (sold separately)*
- *3 year manufacturers warranty.*
- *Power cord included.*

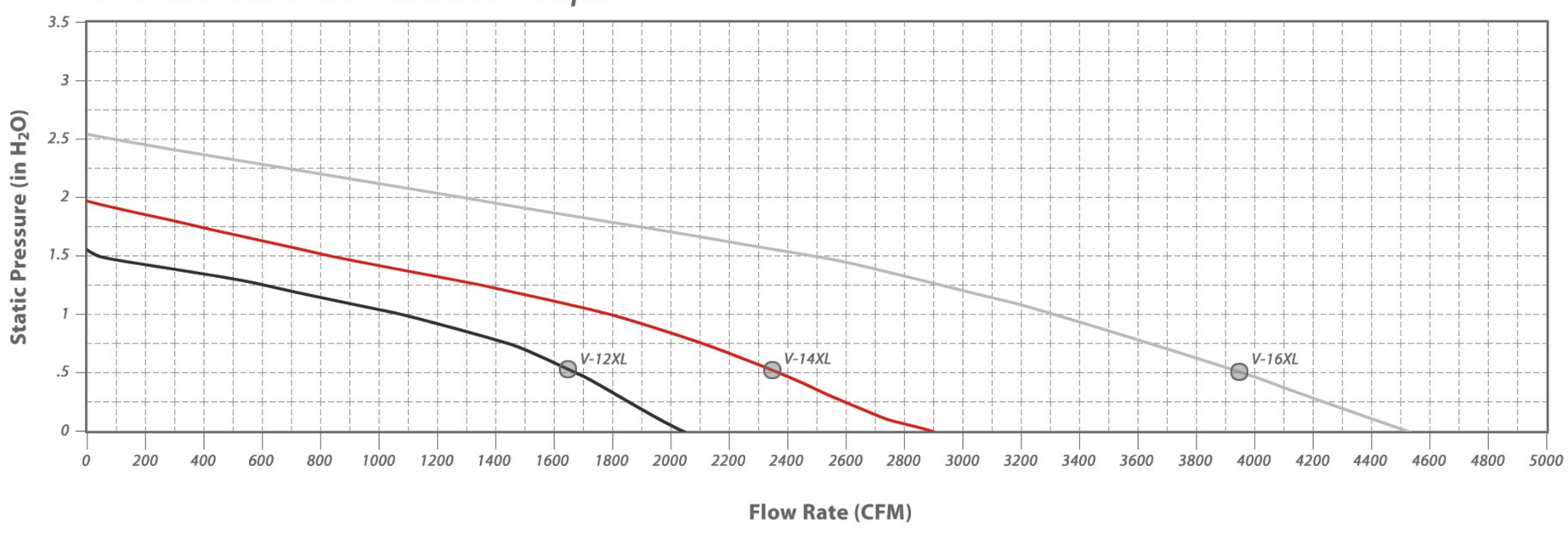
V-Series View & Sizes

All dimensions in inches

FAN MODEL	Weight (lbs)	A	A1	A2	B	B1	C	D	E	F
V-12XL	38.2	11 7/8	13 7/8	11 7/8	18 7/8	21 1/4	21 3/4	1.0	4.0	1/2
V-14XL	43.6	13 7/8	15 7/8	13 7/8	21.0	23 3/8	22 1/2	1.0	4.0	1/2
V-16XL	65.6	15 7/8	17 7/8	15 7/8	22.0	24 3/8	24 1/2	1.0	4.0	1/2



V-Series Air Performance Graph



V-Series Performance Data

FAN MODEL	Duct Dia.	*RPM	Volts	Rated Watts	Max Amps	Static Pressure in Inches W.G. 0″	.125″	.25″	.375″	.5″	.75″	1.0″	1.25″	1.5″	Max Ps	Sones
V-12XL	12″	1700	120	540	4.8	2050	1951	1862	1774	1675	1445	1083	615	43	1.54	19.1
V-14XL	14″	1500	120	860	7.5	2905	2728	2607	2492	2381	2117	1799	1362	837	1.97	20.4
V-16XL	16″	1600	230	1550	6.6	4515	4374	4238	4097	3952	3645	3312	2950	2512	2.55	23.2

** Speed (RPM) shown is nominal*

Performance ratings are based on installation type D - Ducted inlet, Ducted outlet
Performance ratings do not include the effects of appurturenances (Accessories)

PERFORMANCE 3 year WARRANTY

ATMOSPHERE

WHERE INNOVATION IS A STANDARD

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CONFORMS TO
***UL 507** and*
CSA C22.2 no.113

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Intertek