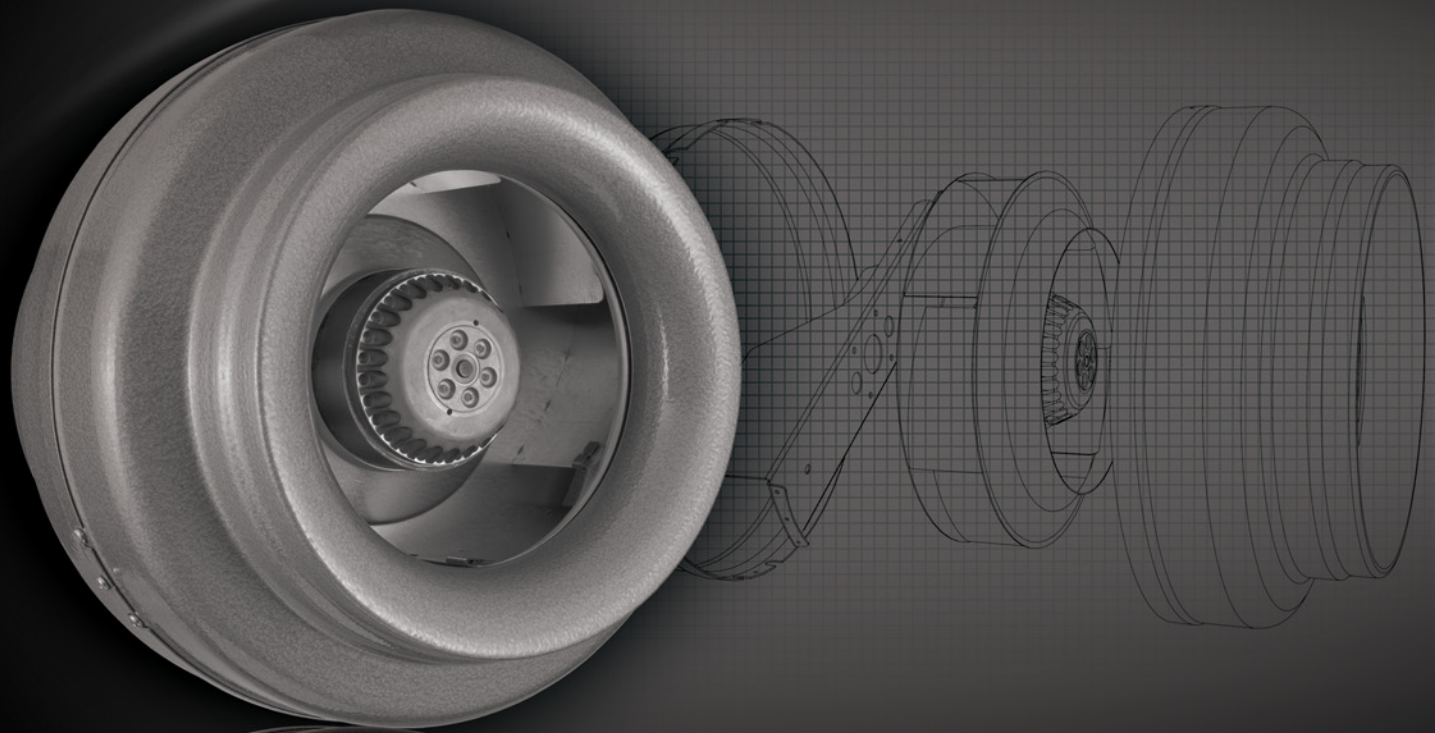
VORTEX® POWERFANS

High Performance Inline Duct Blowers

VTX Series



III POWERFULLY ENGINEERED III

VORTEX® POWERFANS
High Performance Inline Duct Blowers

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INDUSTRY'S MOST POWERFUL INLINE FANS

*When these high performance inline duct blowers were conceived, reliability and efficiency were the main goals. Its' more powerful motor combined with its' aerodynamically designed shape make **Vortex Powerfans** the performance leader in its' category.*

*Never seen in the ventilation industry, the **Vortex Powerfan VTX Series** feature a 10 year warranty.*

Easy installation

*The **VTX** Series feature an extended collar and lip allowing easy duct hook-up.*

- *Brackets included for wall or ceiling mount*

Maintenance Free Operation

*All **VTX** Series are made of heavy gauge steel casing with a hammertone powder coat finish making it more sound absorbing, durable and rust proof.*

- *Permanently lubricated sealed bearings*
- *External rotor motor with automatic reset thermal overload protection*
- *Suitable for airstream temperatures up to 140°F (60°C)*
- *10 year warranty*
- *ETL Listed*

Features and Benefits

- *4" to 12" duct diameters*
- *From 220 to 1124 CFM*
- *Aerodynamic design allowing more air flow*
- *100% speed controllable easing air flow adjustment*
- *Prewired with 120V power cord*
- *AMCA Air Listed*

Typical Residential Applications

Inline fans enhance air quality and reduce point source pollutants in a variety of indoor spaces, such as damp basements, crawl spaces, attics, etc.

Kitchen ventilation

Proper kitchen ventilation is the key to reduce cooking odors, smoke, contaminants and moisture. An inline fan connected to your range hood will increase exhaust performance and ensure clean air in the kitchen area.

Bathroom ventilation

*Moisture buildup can create structural damages and cause growth of mold mildew and bacteria. The **VTX** Series is an efficient and quiet solution for proper bathroom ventilation.*

Duct boosting

Inline Fans are ideal for ventilating a new addition or for improving the efficiency of an existing air system.

Garage ventilation

Inline Fans are ideal for removing harmful car fumes and pollutants.

Dryer booster

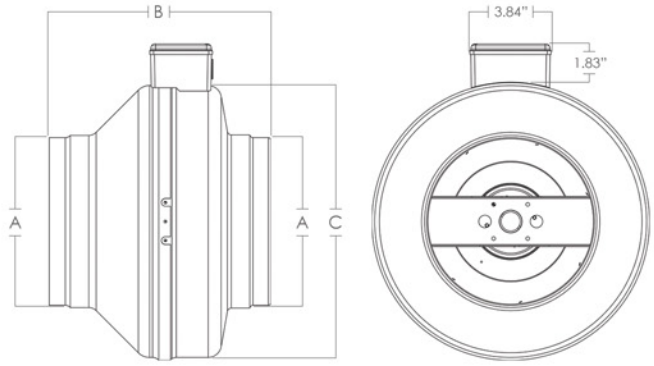
Ideal clothing dryer venting arrangements with short duct length are often not possible. An inline vent boosting blower is a common solution to this problem.

VTX Series View & Sizes

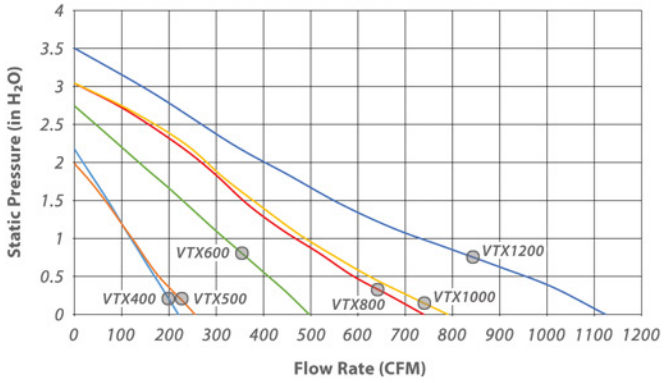
All dimensions in inches

FAN MODEL	Weight (lbs)**	A*	B	C
VTX400	7.4	4.0	8.5	9.5
VTX500	7.0	5.0	8.5	9.5
VTX600L	6.8	6.0	8.5	9.5
VTX600	10.8	6.0	10.5	13.0
VTX800L	12.0	8.0	10.5	13.0
VTX800	12.2	8.0	10.5	13.0
VTX1000	12.4	10.0	10.5	13.0
VTX1200L	14.4	12.0	12.3	16.0
VTX1200	14.6	12.0	12.3	16.0

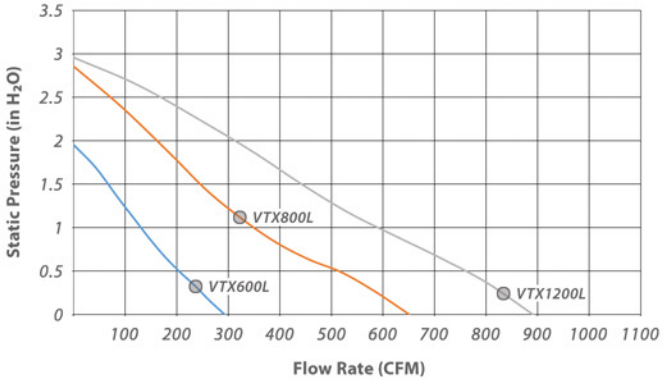
*** Mounting Brackets included* *** Represents Duct Dimensions*



VTX Series Air Performance Graph



VTX "L" Series Air Performance Graph



*ALL **VTX** PRODUCTS INCORPORATE MOTORS SUITABLE FOR 120 Volts AC 60Hz ELECTRICAL SUPPLY ONLY*

VTX Series Performance Data

FAN MODEL	Duct Dia.	RPM	Volts	Rated Watts	Max Amps	Static Pressure in Inches W.G. 0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1"	1.25"	1.5"	2"	Max Ps
VTX400	4"	2970	120	80	0,75	220	208	200	195	183	170	144	119	95	70	18	2.175"
VTX500	5"	2940	120	80	0,77	255	237	225	217	197	179	149	122	93	65	---	1.986"
VTX600L	6"	2950	120	80	0,77	293	270	257	249	227	204	164	131	98	67	---	1.953"
VTX600	6"	3050	120	140	1,28	497	477	465	456	434	411	364	318	273	229	136	2.744"
VTX800L	8"	3000	120	196	1,62	651	621	602	588	555	513	416	349	294	245	162	2.856"
VTX800	8"	3060	120	260	2,29	739	703	681	667	628	591	531	468	408	357	268	3.042"
VTX1000	10"	3070	120	273	2,28	791	748	723	706	664	624	555	489	431	378	280	3.044"
VTX1200L	12"	2970	120	272	2,26	892	864	846	833	799	761	677	590	510	442	313	2.958"
VTX1200	12"	2820	120	393	3,26	1124	1090	1067	1051	1006	954	845	733	631	549	404	3.503"

Performance certified is for installation type D - Ducted inlet, Ducted outlet. Speed (RPM) shown is nominal. Performance is based on actual speed of test. Performance ratings include the effects of appurtenances (accessories) Inlet Duct, Inlet Bell, Outlet Duct

Atmosphere Inc. certify that the models shown herein are licensed to bear the AMCA Seal. The ratings are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

ATMOSPHERE

WHERE INNOVATION IS A STANDARD

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10 year PERFORMANCE WARRANTY

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

Intertek

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