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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 198 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.

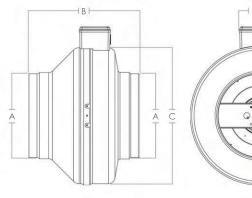
## Garage ventilation

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

#### VTX Series View & Sizes All dimensions in inches 4.0 8.5 9.5 5.0 8.5 9.5 Ø.0 10.8 6.0 10.5 13.0 VTX800L 12.0 8.0 10.5 13.0 12.2 8.0 10.5 13.0 12.4 10.0 10.5 13.0 12.0 16.0 14.4 12.3 14.6 12.0 12.3 16.0

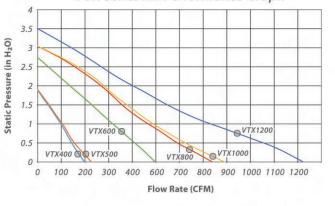


<sup>\*</sup> Represents Duct Dimension:

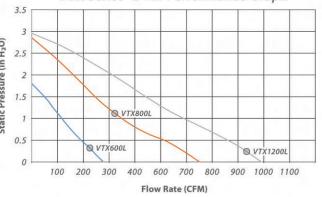




**VTX** Series Air Performance Graph



# VTX Series "L" Air Performance Graph



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

### **VTX** Series Performance Data

Duct Dia.	RPM	Volts	Rated Watts	Max Amps	Static Pressure in Inches W.G.											■ Max
					0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1"	1.25"	1.5"	2"	Ps
4"	2970	120	69	0,57	198	184	175	170	157	144	122	98	71	15		1.885"
6"	2950	120	70	0,58	278	256	244	237	215	191	152	117	82	50		1.803"
6"	3050	120	140	1,28	497	477	465	456	434	411	364	318	273	229	136	2.744"
8"	3000	120	196	1,62	651	621	602	588	555	513	416	349	294	245	162	2.856"
8"	3060	120	260	2,29	739	703	681	667	628	591	531	468	408	357	268	3.042"
10"	3070	120	273	2,28	791	748	723	706	664	624	555	489	431	378	280	3.044"
12"	2970	120	272	2,26	892	864	846	833	799	761	677	590	510	442	313	2.958"
12"	2820	120	393	3,26	1124	1090	1067	1051	1006	954	845	733	631	549	404	3.503"
	Dia. 4" 6" 6" 8" 8" 10" 12"	Dia.         RPM           4"         2970           6"         2950           6"         3050           8"         3000           8"         3060           10"         3070           12"         2970	Dia.         RPM         Volts           4"         2970         120           6"         2950         120           6"         3050         120           8"         3000         120           8"         3060         120           10"         3070         120           12"         2970         120	Dia.         RPM         Volts         Watts           4"         2970         120         69           6"         2950         120         70           6"         3050         120         140           8"         3000         120         196           8"         3060         120         260           10"         3070         120         273           12"         2970         120         272	Dia.         RPM         Volts         Watts         Amps           4"         2970         120         69         0,57           6"         2950         120         70         0,58           6"         3050         120         140         1,28           8"         3000         120         196         1,62           8"         3060         120         260         2,29           10"         3070         120         273         2,28           12"         2970         120         272         2,26	Dia.         RPM         Volts         Watts         Amps         0"           4"         2970         120         69         0,57         198           6"         2950         120         70         0,58         278           6"         3050         120         140         1,28         497           8"         3000         120         196         1,62         651           8"         3060         120         260         2,29         739           10"         3070         120         273         2,28         791           12"         2970         120         272         2,26         892	Dia.         RPM         Volts         Watts         Amps         0"         0.125"           4"         2970         120         69         0,57         198         184           6"         2950         120         70         0,58         278         256           6"         3050         120         140         1,28         497         477           8"         3000         120         196         1,62         651         621           8"         3060         120         260         2,29         739         703           10"         3070         120         273         2,28         791         748           12"         2970         120         272         2,26         892         864	Dia.         RPM         Volts         Watts         Amos         0"         0.125"         0.2"           4"         2970         120         69         0,57         198         184         175           6"         2950         120         70         0,58         278         256         244           6"         3050         120         140         1,28         497         477         465           8"         3000         120         196         1,62         651         621         602           8"         3060         120         260         2,29         739         703         681           10"         3070         120         273         2,28         791         748         723           12"         2970         120         272         2,26         892         864         846	Dia.         RPM         Volts         Watts         Amps         0"         0.125"         0.2"         0.25"           4"         2970         120         69         0,57         198         184         175         170           6"         2950         120         70         0,58         278         256         244         237           6"         3050         120         140         1,28         497         477         465         456           8"         3000         120         196         1,62         651         621         602         588           8"         3060         120         260         2,29         739         703         681         667           10"         3070         120         273         2,28         791         748         723         706           12"         2970         120         272         2,26         892         864         846         833	Dia.         RPM         Volts         Watts Watts         Amps         0"         0.125"         0.2"         0.25"         0.375"           4"         2970         120         69         0,57         198         184         175         170         157           6"         2950         120         70         0,58         278         256         244         237         215           6"         3050         120         140         1,28         497         477         465         456         434           8"         3000         120         196         1,62         651         621         602         588         555           8"         3060         120         260         2,29         739         703         681         667         628           10"         3070         120         273         2,28         791         748         723         706         664           12"         2970         120         272         2,26         892         864         846         833         799	Dia.         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RPM         Volts         Watts         Amps         0"         0.125"         0.2"         0.25"         0.375"         0.5"         0.75"           4"         2970         120         69         0,57         198         184         175         170         157         144         122           6"         2950         120         70         0,58         278         256         244         237         215         191         152           6"         3050         120         140         1,28         497         477         465         456         434         411         364           8"         3000         120         196         1,62         651         621         602         588         555         513         416           8"         3060         120         260         2,29         739         703         681         667         628         591         531           10"         3070         120         273         2,28         791         748         723         706         664         624         555           12"         2970         120         272         2,26         <	Dia.         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RPM         Volts         Watts         Amps         0"         0.125"         0.2"         0.25"         0.375"         0.5"         0.75"         1"         1.25"           4"         2970         120         69         0,57         198         184         175         170         157         144         122         98         71           6"         2950         120         70         0,58         278         256         244         237         215         191         152         117         82           6"         3050         120         140         1,28         497         477         465         456         434         411         364         318         273           8"         3000         120         196         1,62         651         621         602         588         555         513         416         349         294           8"         3060         120         260         2,29         739         703         681         667         628         591         531         468         408           10"         3070         120         273         2,28         791         <td< td=""><td>Dia.         RPM         Volts         Watts         Amps         0"         0.125"         0.2"         0.25"         0.375"         0.5"         0.75"         1"         1.25"         1.5"           4"         2970         120         69         0,57         198         184         175         170         157         144         122         98         71         15           6"         2950         120         70         0,58         278         256         244         237         215         191         152         117         82         50           6"         3050         120         140         1,28         497         477         465         456         434         411         364         318         273         229           8"         3000         120         196         1,62         651         621         602         588         555         513         416         349         294         245           8"         3060         120         260         2,29         739         703         681         667         628         591         531         468         408         357           10</td><td>Dia.         RPM Volts         Watts         Amps         0"         0.125"         0.2"         0.25"         0.375"         0.5"         0.75"         1"         1.25"         1.5"         2"           4"         2970         120         69         0,57         198         184         175         170         157         144         122         98         71         15            6"         2950         120         70         0,58         278         256         244         237         215         191         152         117         82         50            6"         3050         120         140         1,28         497         477         465         456         434         411         364         318         273         229         136           8"         3000         120         196         1,62         651         621         602         588         555         513         416         349         294         245         162           8"         3060         120         260         2,29         739         703         681         667         628         591         531         &lt;</td></td<></td></td<>	Dia.         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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







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Design and specifications subject to change without notice.