
PRODUCTS

SUMMARY



 **VORTEX**[®]
POWERFANS
High Performance Inline Duct Blowers

Distributed by  **infraAIR**
HVAC

BOOSTER FANS (1 & 2)

1 — VTX 400P

The VTX400P has a built-in automatic pressure switch that detects when air flows through the ventilation duct. It automatically turns on for 10 minutes and shuts off for 1 minute, and turns back on if there is still positive pressure in the duct.

• 4" duct diameter



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

Duct Dia.	RPM	Volts	Rated Watts	Max Amps	Static Pressure in Inches W.G.											Max Ps
					0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1"	1.25"	1.5"	2"	
4"	2970	120	68	0.56	198	184	175	169	156	143	121	96	69	41	0	1.852"

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

DRYER VENTING (3, 4 & 5)

VTX DEDPV — 3

Dryer exhaust duct power ventilator that reduces drying times and energy consumption. The fan automatically turns on when the dryer begins to operate. 10-year warranty

• Certified as a DEDPV UL705 CSA C22.2 #113 Clause 12

- LED indicator panel for operation status
- Reduce drying times and energy consumption
- High temperature thermal fuse for safety
- Complies with IRC code
- All metal housing with a powder coat finish ensuring long lasting rust protection
- Quick connect duct clamps and duct section for easy maintenance
- Automatically energizes when the dryer begins to operate. No user interaction necessary!
- Minimum of 1,200 FPM air velocity

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Duct Dia.	RPM	Volts	Rated Watts	Max Amps	Static Pressure in Inches W.G.											Max Ps
					0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1"	1.25"	1.5"	2"	
4"	2970	120	68	0.56	198	184	175	169	156	143	121	96	69	41	0	1.852"

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VTX 400C ————— 2

Ideal for solving the problems caused by long duct runs, this duct booster fan is supplied with a current sensor that detects when the interlock device is turned on to activate the fan automatically. The current sensor is available with or without a turn-off time delay ranging from 0 to 15 minutes.

• 4" duct diameter

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Duct Dia.	RPM	Volts	Rated Watts	Max Amps	Static Pressure in Inches W.G.											Max Ps
					0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1"	1.25"	1.5"	2"	
4"	2970	120	68	0.56	198	184	175	169	156	143	121	96	69	41	0	1.852"

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

4 ————— DBF DEDPV

Specially designed to solve problems caused by long duct runs on clothes dryers, this fan has an integrated lint trap for more efficiency and easy cleaning. 10-year warranty

• Certified as a DEDPV UL705 CSA C22.2 #113 Clause 12



A pressure sensor is used to sense dryer operation and automatically energize the dryer booster, that reduces drying time and energy consumption. Fast and easy wall mounted installation with quicker and easier maintenance cleaning.



- A LED light on the front panel indicates proper fan operation to the dryer operator as well as notifies in the event of a problem.
- The DBF-DEDPV monitors the internal pressure, it will detect and notify the homeowner in the event of a blockage.
- A thermal fuse will shut down the fan in case of a dryer fire.
- Minimum of 1,200 FPM air velocity

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Duct Dia.	RPM	Volts	Rated Watts	Max Amps	Static Pressure in Inches W.G.											Max Ps
					0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1"	1.25"	1.5"	2"	
4"	2970	120	68	0.56	192	182	176	172	163	154	130	105	77	50	0	2.004

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

5 — LINT TRAPS

Secondary lint traps installed between the dryer and the dryer exhaust ventilator protect the fan and the ductwork of clogging issues that can become a fire hazard.

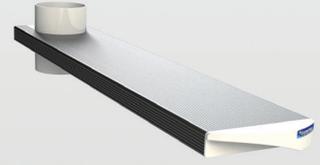
- LT4 and SLT: 4" duct diameter
- LT4S: 4" oval duct adapters, suitable for installation in a 2" x 4" wall



LT4



LT4S



SLT

LT4 & LT4S

- Powder coated 24Ga galvanized steel box
- Fast and easy installation with finishing frame
- 4" window to monitor lint accumulation
- Screen that filters the air feeding into the dryer exhaust fan and catches any airborne lint in the ductwork that isn't caught by the dryer's lint screen.

SLT

- Lint Trap for stacked dryer
- Simple and quick installation
- 41 sq. inch filtering area increases dryer efficiency
- Washable nylon filter screen
- Aluminum extrusion body
- Flexible aluminum slider
- Easy to clean



S LINE — 7

Mixed flow fans designed for residential and light commercial ventilation applications. Compact, powerful and quiet, these fans are ideally suited for either supply or exhaust ventilation systems. 10 years warranty

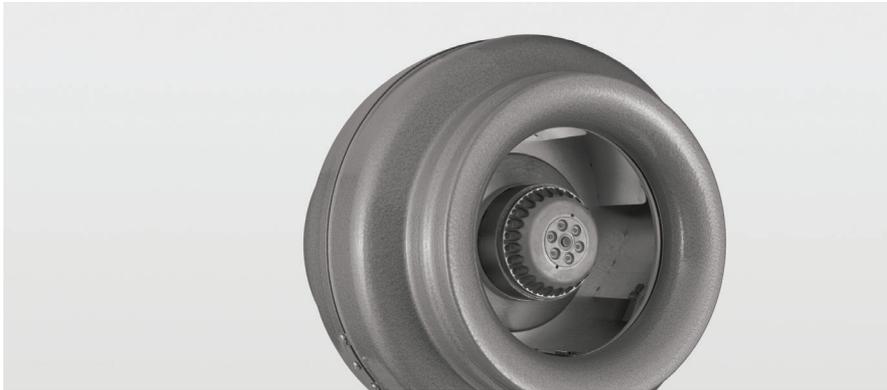
- 100% speed controllable
- 6" to 10" duct diameters
- Energy efficient variable speed motor
- Prewired with 120V powercord
- Suitable for airstream temperatures up to 140° F (60° C)

FAN MODEL	Duct Dia.	RPM	Volts	Rated Watts	Max Amps	Static Pressure in Inches W.G.										Max Ps
						0"	.125"	.2"	.25"	.375"	.5"	.75"	1.0"	1.25"	1.5"	
S-600	6"	2720	120	72	0,68	340	323	312	305	285	265	215	39	---	---	1.185
S-800	8"	3150	120	232	1,99	711	697	688	682	666	649	612	570	501	204	1.844
S-1000	10"	2970	120	232	2,12	1082	1051	1032	1019	984	946	866	781	687	197	1.766

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- Easy to install - mounting brackets included
- May be mounted in any position
- ETL listed
- AMCA air listed

(6, 7 & 8) INLINE FANS



VTX SERIES

6

High performance inline blowers with superior steel construction and a hammertone powder coat finish. The Speed controllable and balanced motors with permanently lubricated ball bearings ensure vibration-free operation. 10-year warranty

• From 198 to 1124 CFM • Prewired with 120V power cord

• 100% speed controllable easing air flow adjustment • AMCA Air Listed • 4" to 12" duct diameters

EASY INSTALLATION & MAINTENANCE FREE OPERATION

The VTX Series feature an extended collar and lip allowing easy duct hook-up and is provided with brackets for wall or ceiling mount. Their heavy gauge steel casing with a hammertone powder coat finish is making it more sound absorbing, durable and rust proof.

FAN MODEL	Duct Dia.	RPM	Volts	Rated Watts	Max Amps	Static Pressure in Inches W.G.											Max Ps
						0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1"	1.25"	1.5"	2"	
VTX400	4"	2970	120	69	0.57	198	184	175	170	157	144	122	98	71	15	---	1.885"
VTX500	5"	2940	120	69	0.57	227	210	199	191	172	155	129	105	76	48	---	1.901"
VTX600L	6"	2950	120	70	0.58	278	256	244	237	215	191	152	117	82	50	---	1.803"
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

- Aerodynamic design allowing more air flow
- External rotor motor with automatic reset thermal overload protection
- Suitable for airstream temperatures up to 140°F (60°C)
- 10 year warranty
- ETL Listed

8

V SERIES

Equipped with a mixed-flow impeller that allows for a greater air volume compared to other impeller designs, these fans operate at a lower RPM (1500 to 1700) and, consequently, are quieter.

• From 2050 to 4515 CFMs • 12" to 16" duct diameters

• Aerodynamic design allowing more air flow • Powercord included



SILENCE & POWER

The V Series feature an extended collar and lip allowing easy duct hook-up. Their heavy gauge steel casing with a hammertone powder coat finish is making it more sound absorbing and rust proof. Its high quality maintenance-free balanced motor is equipped with a mixed flow impeller.

- 100% speed controllable, easing air flow adjustment, for better balancing of the ventilation system. (optional speed control)
- Galvanized mounting brackets for horizontal or vertical installation. (sold separately)
- 3 year manufacturers warranty.

FAN MODEL	Duct Dia.	*RPM	Volts	Rated Watts	Max Amps	Static Pressure in Inches W.G.										Max Ps	Sones
						0"	.125"	.25"	.375"	.5"	.75"	1.0"	1.25"	1.5"			
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 appurtenances (Accessories)

DESTRATIFICATION FAN (9)

9 ————— D 65

Destratification fan that creates uniform air temperatures from floor to ceiling for maximum thermal comfort and energy savings up to 35% in the heating season and up to 25% in the cooling season. 10 years warranty

- Run independently of existing HVAC system
- Effective in facilities with ceiling heights from 15' to 75' high

WHERE TO USE

- Grocery Stores
- Warehouses
- Airports | Hangers
- Auto Sales and Service
- Fleet Maintenance
- Arenas | GymsRetail
- Restaurants
- Manufacturing Facilities
- Theaters | Auditoriums
- Medical Clinics | Hospitals
- Classrooms | Cafeterias

- Airflow can be directed along any vector for precision use. It is easy to angle the fan to direct airflow to hit or miss a particular area.
- Speed controllable, allowing fine-tuning for individual comfort
- Quiet, energy-efficient fans, delivering a focused, easy-to-direct column of air
- Includes 3 types of UL approved fast-mounting hardware
- ETL Listed

AVAILABLE IN
WHITE OR BLACK



(10 & 11) ACCESSORIES



BACKDRAFT DAMPERS — 10

Those spring-loaded backdraft dampers stand out due to their robustness and manufacturing quality.

- Requires from 0.04 to 0.08 inches wg pressure to open
- Gasket designed to withstand temperatures from -22 F to 180 F

- 4", 5", 6" & 8" sizes include stamped metal sleeve with center pin design
- 10" & 12" sizes include rolled metal sleeve with center post design
- Neoprene damper seal minimize leakage
- 20 gauge steel housing, aluminum spring loaded butterfly damper blades
- Exterior foam gasket assures a tight seal against duct
- Can be installed in any position

11 — CONTROLLERS



AVR-5-115

Rotary speed control with plastic wall plate 115V 5A



AVRM-5-115

Rotary speed control with metallic wall plate 115V 5A



AVRM-10-115

Rotary speed control with metallic wall plate 115V 10A



ATS-2.5-115

7 Button timer switch with plastic decora wall plate 115V 5A



ASS-2.5-115

Combination slider speed control / light switch with plastic decora wall plate 115V 5A



APS

Pressure switch with electronic cycle board 115V 3A



**ACS-0, ACS-5,
ACS-10, ACS-15**

Current-Operated Solid-State Relays for Switching AC Circuits. Available with 0 - 5 - 10 and 15-minute delays 120V 2.5A



DAT

Plug & Play speed control 115V 2.5A



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