

## Centrifugal Fans

### Inline Centrifugal Ventilation Fans - WhisperLine™



- Remote mounted inline ventilation fans for single or multiple inlets
- Galvanized steel housing is insulated, reducing noise
- Tapered duct adapter for easy connection
- Super quiet and energy efficient motor rated for continuous run
- Motor equipped with thermal cut off fuse
- 5 positions for installation
- Includes brackets for joist/truss attachment & suspension brackets
- Low profile family grille design
- cUL listed for tub/shower enclosure when GFCI protected

**Panasonic** *WhisperLine™*  
VENTILATION FAN



	FV20NLF1			FV30NLF1			FV40NLF1		
	0.2	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.4
Static Pressure in inches w.g.	0.2	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.4
Air Volume (CFM)	240	225	200	340	322	302	440	425	408
Noise (Sones)	1.4	1.4	1.4	1.7	1.7	1.7	2.1	2.1	2.1
Power Rating	120 V / 60 Hz			120 V / 60 Hz			120 V / 60 Hz		
Motor Type	Condenser			Condenser			Condenser		
Energy Star Qualified	Yes			No			No		
Duct Diameter	6"			6"			8"		
Grille Size	9 1/2" Square			9 1/2" Square			9 1/2" Square		
Gross Weight	17 lbs			24 lbs			26 lbs		

### Inline Multi-Port Centrifugal Exhaust System



- Galvanized steel housing
- External rotor motor with backward-curved centrifugal fan wheel constructed of high-density polyamide, easily removable from housing for service without disturbing the installation
- Internal scroll for maximum air performance
- Well-designed inlet venture for optimum efficiency
- Permanently lubricated sealed ball bearings
- 100% speed controllable for highly efficient and economical airflow
- Suitable for airstream temperatures up to 140°F
- 5 year warranty

 fantech

RPM	Volts	Rated Watts	Watt Range	Max Amps	CFM Vs. Static Pressure in Inches WG							Max Ps	Duct Diameter	Brand	Part Number
					0"	.2"	.4"	.6"	.8"	1.0"	1.5"				
2550	115	92	78-93	0.79	245	220	192	171	147	126	34	1.72"	5"	Fantech	CVS275A
2500	115	123	110-123	1.07	355	320	283	249	215	180	79	1.76"	4"	Fantech	CVS300A
2950	115	156	130-158	1.41	404	380	352	324	299	274	204	2.30"	4"	Fantech	CVS400A

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- Airtight galvanized steel housings meet code requirements for both residential and commercial applications
- High quality ebm-papst external rotor motorized impeller for excellent heat dissipation, even at low RPM
- Fans are prewired and include bracket for mounting to wall or ceiling
- Straight through airflow allows fans to be installed at any angle at any point along the ductwork
- Permanently lubricated sealed ball bearings for maintenance-free operation
- Automatic reset thermal overload protection
- Suitable for airstream temperatures up to 140°F (60°C)
- 100% speed controllable
- Rated for outdoor use
- UL Listed
- 5 year warranty



Volts	Max RPM	Rated Watts	Max Amps	CFM							Max P <sub>s</sub>	Duct Diameter		Brand	Part Number
				0.0 P <sub>s</sub> "	0.2 P <sub>s</sub> "	0.4 P <sub>s</sub> "	0.6 P <sub>s</sub> "	0.8 P <sub>s</sub> "	1.0 P <sub>s</sub> "	1.5 P <sub>s</sub> "					
120	3000	20	0.19	135	110	83	55	25	-	-	0.94"	4"	●	Fantech	FG4
120	2700	71	0.66	170	150	134	119	103	86	40	1.98"	4"		Fantech	FG4XL
120	3000	20	0.19	156	130	99	66	33	-	-	0.99"	5"	●	Fantech	FG5
120	2700	73	0.68	220	190	160	135	112	91	41	1.89"	5"		Fantech	FG5XL
120	2700	72	0.58	303	287	230	232	196	164	58	1.88"	6"	●	Fantech	FG6
120	2900	153	1.48	483	450	409	369	329	289	201	2.41"	6"		Fantech	FG6XL
120	2550	119	1.14	461	410	351	295	243	191	97	2.11"	8"		Fantech	FG8
120	2950	142	1.45	502	470	428	388	351	313	218	2.40"	8"		Fantech	FG8XL
120	3000	138	1.43	513	480	444	407	366	324	216	2.36"	10"		Fantech	FG10
120	3100	196	1.96	589	560	531	503	472	441	355	3.02"	10"		Fantech	FG10XL
120	2600	181	1.87	741	680	601	515	434	363	236	2.99"	12"		Fantech	FG12
120	2900	301	3.01	940	880	819	746	670	596	425	2.74"	12"		Fantech	FG12XL

Performance shown is for installation type D (ducted inlet, ducted outlet). Speed (RPM) shown is nominal. Performance is based on actual speed of test. Performance ratings do not include the effects of accessories).




# Centrifugal Fans

## Inline Centrifugal Ventilation Exhaust Fans



- Approved for residential and commercial applications and in wet locations
- Can be used for multiple point exhaust applications, crawl space venting, make-up air supply and used as booster fans to move air from one room or area to another
- Fused, single piece housing is air tight
- Plastic housing constructed of UL recognized UV protected thermoplastic resin allowing the fan to be mounted outdoors and in wet locations
- Pre-wired and supplied with a mounting bracket
- Suitable for air stream temperatures up to 140°F
- Easy connection using external wiring box with waterproof gasket
- 100% speed controllable
- UL listed
- 5 year warranty



Volts	Rated Watts	Max Amps	CFM							Max P <sub>s</sub>	Duct Diameter		Brand	Part Number
			0.0 P <sub>s</sub> "	0.2 P <sub>s</sub> "	0.4 P <sub>s</sub> "	0.6 P <sub>s</sub> "	0.8 P <sub>s</sub> "	1.0 P <sub>s</sub> "	1.5 P <sub>s</sub> "					
120	19	0.17	150	122	93	62	17	-	-	0.9"	4"	●	Fantech	FR100
115	80	0.72	187	167	147	128	111	87	50	2.0"	4"		Fantech	FR110
115	19	0.17	171	137	96	60	-	-	-	0.85"	5"	●	Fantech	FR125
115	61	0.53	214	190	162	132	99	46	-	1.15"	6"	●	Fantech	FR140
120	68	0.59	323	286	243	199	160	122	38	1.7"	6"	●	Fantech	FR150
115	116	0.99	341	295	249	198	160	130	76	2.0"	6"		Fantech	FR160
115	122	1.11	408	360	308	259	213	173	72	2.14"	8"		Fantech	FR200
115	137	1.35	429	400	366	332	297	260	168	2.48"	8"		Fantech	FR225
115	241	2.40	649	600	553	506	454	403	297	2.58"	10"		Fantech	FR250

Performance shown is for installation type D (ducted inlet, ducted outlet). Performance is based on actual speed of test. Performance ratings do not include the effects of accessories).

