

PTF-P SERIES

Mixed-Flow Inline Duct Fans

PTF-P series Mixed-Flow Inline Duct Fans are well suited for indoor exhaust fresh air systems, ventilation, and humidification.

Mixed-Flow technology delivers a high flow rate in a small space against a high back pressure and provides a low power and low noise solution that can be used in almost any high-density cooling application.

Each fan is designed with a special integrated housing with innovative joints for easy installation and maintenance. The fan housing is made of high endurance and lightweight PP material.

The fans can operate from -20°C to 60°C and also includes dual ball bearings for long-life operation up to 50,000 hours.

Protection Class:IP44.



High performance hydromechanical fan blades



Sealing ring in connection box, protection class Ip44



Hydromechanical wind ring designed to achieve maximum efficiency



Mounting base designed for safety and easy installation

Easy to mount:



1 Fix the support

2 Couple the ducts

3 Fix the fan body

4 Make the connections

Optional:

- Three-speed motor (high, medium, low)
- Timer, temperature sensor, humidity sensor, and other customizable functions.
- Customizable Color

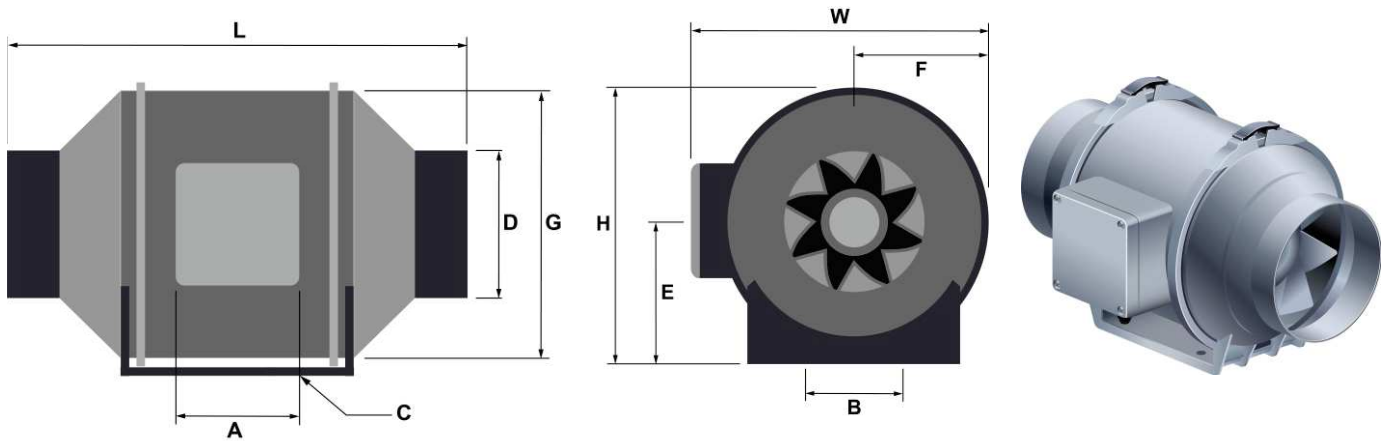
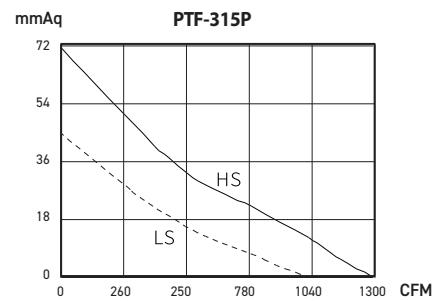
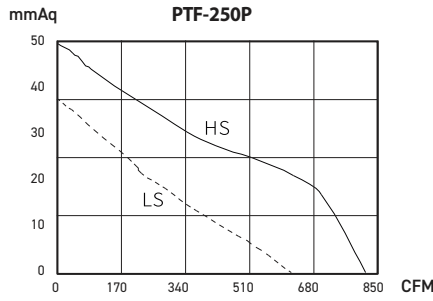
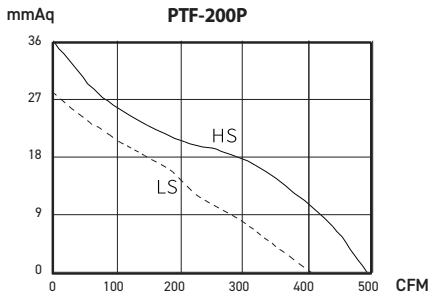
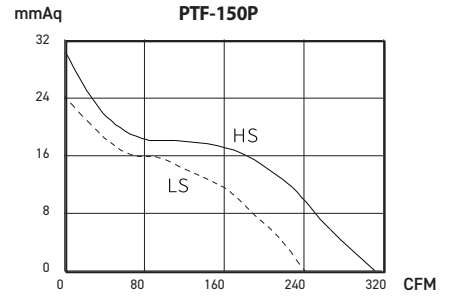
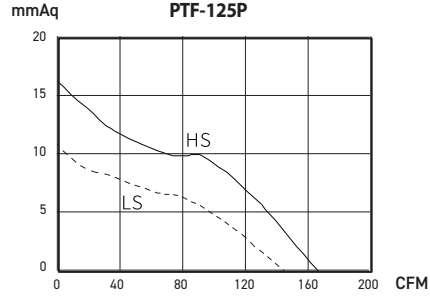
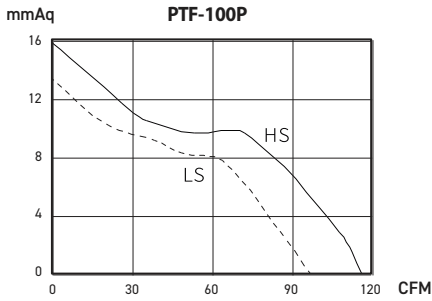
Model	Speed	Voltage/Freq (V/Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Airflow (m³/h)	Pressure (inH ₂ O)	Pressure (mmA)	Pressure (Pa)	Noise (dBA)	Weight (kg)
PTF-100P	H	220~240V	0.12	26	2250	117	198	0.63	16.00	156.77	31	1.5
	L	50Hz	0.11	23	1850	97	165	0.53	13.46	131.89	26	
PTF-125P	H	100~120V	0.24	30	2250	117	198	0.63	16.00	156.77	31	1.5
	L	60Hz	0.22	28	1850	97	165	0.53	13.46	131.89	26	
PTF-150P	H	220~240V	0.14	33	2250	167	284	0.64	16.26	159.26	31	2.6
	L	50Hz	0.13	28	1850	141	248	0.43	10.92	107.00	26	
PTF-200P	H	100~120V	0.30	32	2250	167	284	0.64	16.26	159.26	31	4.0
	L	60Hz	0.26	27	1850	141	248	0.43	10.92	107.00	26	
PTF-250P	H	220~240V	0.22	54	2550	312	530	1.21	30.73	301.10	33	7.5
	L	50Hz	0.19	44	1850	241	410	0.96	24.38	238.89	29	
PTF-315P	H	100~120V	0.58	65	2550	312	530	1.21	30.73	301.10	33	11.0
	L	60Hz	0.49	53	1850	241	410	0.96	24.38	238.89	29	
PTF-100P	H	220~240V	0.53	128	2450	494	840	1.41	35.81	350.87	63	4.0
	L	50Hz	0.52	123	1950	406	690	1.10	27.94	273.72	55	
PTF-125P	H	100~120V	1.47	162	2450	494	840	1.41	35.81	350.87	63	7.5
	L	60Hz	1.27	146	1950	406	690	1.10	27.94	273.72	55	
PTF-150P	H	220~240V	1.20	225	2450	827	1405	1.96	49.78	487.73	66	11.0
	L	50Hz	0.75	165	1850	626	1064	1.49	37.85	370.77	58	
PTF-200P	H	100~120V	2.10	240	2450	827	1405	1.96	49.78	487.73	66	11.0
	L	60Hz	1.50	166	1850	626	1064	1.49	37.85	370.77	58	
PTF-250P	H	220~240V	1.90	390	2350	1298	2206	2.78	70.61	691.78	69	11.0
	L	50Hz	1.40	275	1650	1030	1750	1.75	44.45	435.47	61	
PTF-315P	H	100~120V	3.70	412	2350	1298	2206	2.78	70.61	691.78	69	11.0
	L	60Hz	2.90	306	1650	1030	1750	1.75	44.45	435.47	61	

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HS: High Speed
LS: Low Speed

Dry air at 20°C and 760 mmHg
Performance data in accordance with
ISO 5801 and AMCA 210-99 Standards



MODEL	A	B	C	D	E	F	G	L	W	H
PTF-100P	80 (3.15)	60 (2.36)	4-4.5	97 (3.82)	99 (3.90)	116 (4.57)	163 (6.42)	302 (11.89)	204 (8.03)	195 (7.68)
PTF-125P	80 (3.15)	60 (2.36)	4-4.5	123 (4.84)	99 (3.90)	116 (4.57)	163 (6.42)	257 (10.12)	204 (8.03)	195 (7.68)
PTF-150P	80 (3.15)	60 (2.36)	4-5.0	147 (5.79)	109 (4.29)	127 (5.00)	187 (7.36)	313 (12.32)	227 (8.94)	208 (8.19)
PTF-200P	100 (3.94)	94 (3.70)	4-5.5	197 (7.76)	125 (4.92)	137 (5.39)	205 (8.07)	302 (11.89)	249 (9.80)	237 (9.33)
PTF-250P	150 (5.91)	150 (5.91)	4-8*11	247 (9.72)	150 (5.91)	174 (6.85)	261 (10.28)	383 (15.08)	310 (12.20)	286 (11.26)
PTF-315P	181 (7.13)	178 (7.00)	4-8*11	312 (12.28)	187 (7.36)	216 (8.50)	325 (12.80)	446 (17.56)	386 (15.20)	357 (14.06)