

PTF & PTDD SERIES

Smart Inline Duct Fans with Wireless Control



PTF & PTDD series wireless control Inline Duct Fans are well suited for indoor exhaust fresh air systems, ventilation, and humidification.

Each fan includes smart wireless technology that can adjust the motor speed and can also turn ON/OFF automatically by sensing the changes in environmental temperature, humidity, and air quality VOC value.

Each fan also has a Fan AUTO/Manual mode with optional Low, Medium, and High air speeds.

Operating Voltage: 100~240VAC 50/60Hz

Radio Frequency: 868Mhz Transmission

Humidity Setting Range: 1% to 99%

VOC Value Setting Range: 1-20 PPM.

Temperature Display Accuracy: 0.1°C

Control Accuracy: 0.5°C

Timer: 1-30 minute setting

Protection Class: IP30

Model	Speed	Voltage/Freq (V/Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Airflow (m³/h)	Pressure (inH ₂ O)	Pressure (mmAq)	Pressure (Pa)	Noise (dBA)	Weight (kg)
PTF-100PMZI	H/M/L	220~240V 50Hz	0.16	35	2600	141	240	0.77	19.56	191.61	35	1.5
			0.12	26	2200	117	198	0.63	16.00	156.77	31	
			0.11	23	1850	97	165	0.53	13.46	131.89	26	
PTF-125PMZI	H/M/L	220~240V 50Hz	0.16	36	2600	182	310	0.71	18.03	176.68	35	1.5
			0.14	33	2250	167	284	0.64	16.26	159.26	31	
			0.13	28	1850	146	248	0.43	10.92	107.00	26	
PTF-150PWPI	H/M/L	220~240V 50Hz	0.22	54	2550	312	530	1.21	30.73	301.10	33	2.6
			0.20	48	2150	277	470	1.09	27.69	271.24	31	
			0.19	44	1850	241	410	0.96	24.38	238.89	29	
PTF-200PMZI	H/M/L	220~240V 50Hz	0.54	128	2450	494	840	1.41	35.81	350.86	63	4.9
			0.52	125	2200	450	765	1.26	32.00	313.54	59	
			0.49	123	1950	406	690	1.10	27.94	273.72	55	
PTDD-100/125PMZI	H/M/L	220~240V 50Hz	0.16	37	2600	182	310	0.71	18.03	176.68	29	2.8
			0.14	33	2250	167	284	0.64	16.26	159.26	25	
			0.13	28	1850	146	248	0.43	10.92	107.00	22	
PTDD-150PWZI	H/M/L	220~240V 50Hz	0.25	50	2550	312	530	1.21	30.73	301.10	31	4.0
			0.22	46	2200	277	470	1.09	27.69	271.24	29	
			0.20	43	1850	241	410	0.96	24.38	238.89	26	
PTDD-200PWZI	H/M/L	220~240V 50Hz	0.57	128	2450	494	840	1.41	35.81	350.86	35	5.9
			0.54	125	2200	450	765	1.26	32.00	313.54	32	
			0.52	123	1950	406	690	1.10	27.94	273.72	29	