

# PTF & PTDD SERIES

## Smart Inline Duct Fans with Wired Control



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

Each fan includes smart wired technology that can detect the environmental temperature and adjust the motor speed from Low, Medium, and High. It also includes a room temperature display and a timer setting that can be set from 1-30 minutes.

Service life is enhanced by a relay switch that has been tested for greater than 100,000 times.

**Temperature Display Accuracy:** +/- 1°C

**Power Consumption:** <1W

**Output Current:** 6A (Resistive) / 3A (inductive load)

**Panel:** PC + ABS flame-retardent plastic

**Dimensions:** 86x86x15mm

**Mounting Distance:** 60mm (standard)

**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 (inH₂O)	Pressure (mmAq)	Pressure (Pa)	Noise (dBA)	Weight (kg)
PTF-100PMZC	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-125PMZC	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-150PWPC	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-200PMZC	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	
PTF-250PMZC	H/M/L	220~240V 50Hz	1.20	225	2450	827	1405	1.96	49.78	487.73	66	7.5
			0.97	195	2150	727	1235	1.73	43.94	430.49	62	
			0.75	165	1850	626	1064	1.49	37.85	370.77	58	
PTF-315PMZC	H/M/L	220~240V 50Hz	1.90	390	2350	1298	2206	2.78	70.61	691.78	69	11.0
			1.70	333	2000	1148	1950	2.27	57.66	564.87	65	
			1.40	275	1650	1030	1750	1.75	44.45	435.47	61	
PTDD-100/125PMZC	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-150PWZC	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-200PMZC	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	