



Short Form Catalog 2013

**Tubeaxial Cooling Fans,
Radial Blowers &
Heat Sink Fans**

Featuring

- Ball Bearing Dependability
- International Safety Standards
- Locked Rotor and Polarity Protection
- Custom Cable/Connector Assemblies
- Silent Operation

purdy®
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CORPORATION

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FAN_SFC_1211

- Long-life, ball bearing construction
- Locked rotor and polarity protection
- Silent operation
- Industry standard frames and mounting
- Meets or exceeds safety standards
- Custom cable/connector assemblies
- Sensor fans available (special order)



AC Fans

Frame Size H x W x D mm (inches)	Model	Voltage (V)	Airflow (CFM)	Input Power (Watts)	Speed (RPM)	Noise Level (dBA)	Weight (oz)	Construction	Guard Filter Cord
80 x 80 x 25 (3.2 x 3.2 x 1.0)	PM033-115-8025B-4 PM033-230-8025B-4	115 230	33	10.0	2700	33	6.8	Aluminum housing, plastic impeller, sealed ball bearing 22AWG wire leads	5508 80FP-45 5505
80 x 80 x 38 (3.2 x 3.2 x 1.5)	PM037-115-8038BT-4 PM037-230-8038BT-4	115 230	37	12.0	2700	39	10.3	Aluminum alloy housing, plastic impeller, sealed ball bearing, terminal block	5508 80FP-45 5505
92 x 92 x 25 (3.6 x 3.6 x 1.0)	PM040-115-9225BT-4 PM040-230-9225BT-4	115 230	40	12.0	2400	39	8.0	Aluminum housing, plastic impeller, sealed ball bearing, terminal block	5520 92FP-45 5505
120 x 120 x 25 (4.7 x 4.7 x 1.0)	PM053-115-1225BT-4 PM053-115-1225BT-4	115 230	53	13.0	1900	38	11.8	Aluminum alloy housing, plastic impeller, sealed ball bearing, terminal block	5504 5502 120FP-45 5505
	PM080-115-1225BT-4 PM080-230-1225BT-4	115 230	80	18.0	2300 2900	45	11.8		
120 x 120 x 38 (4.7 x 4.7 x 1.5)	PM115-115-1238BT-4 PM115-230-1238BT-4	115 230	115	20.0	3000	49	18.2	Aluminum alloy housing, plastic impeller, sealed ball bearing, terminal block	5504, 5502 120FP-45 5505
172 x 150 x 51 (6.8 x 6.0 x 2.0)	PM238-115-1751BT-4 PM238-230-1751BT-4	115 230	238	32.0 38.0	3100	55	33.3	Aluminum alloy housing, plastic impeller, sealed ball bearing, terminal block	5506 5505

AC Radial Blowers

120 x 120 x 38 (4.7 x 4.7 x 1.5)	PMB24-115-4B PMB24-230-4B	115 230	24	20.0	2300	53	23.0	Plastic housing, plastic wheel, sealed ball bearing, 20 AWG wire leads	N/A
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Accessories

Product Type	Part Number	Fan Compatibility	Construction
Finger Guards	5514	40 mm	Nickel chrome plated wire guards, spot welded
	5516	60 mm	
	5508	80 mm	
	5520	92 mm	
	5504	120 mm	
	5506	162 mm	
Filter Guards	60FGM	60 mm	Metal mesh filter
	80FGM	80 mm	
	92FGM	92 mm	
	120FGM	120 mm	
	162FGM	162 mm	
Plastic Filter Guards	40FP-45	40 mm	Plastic filter and finger guard assembly (45PPI foam filter media)
	60FP-45	60 mm	
	80FP-45	80 mm	
	92FP-45	92 mm	
	120FP-45	120 mm	
	162FP-45	162 mm	
Cords	5505	—	24" (straight) plug and cord for terminal block; blunt cut ends
	5505-45D	—	24" (45") plug and cord for terminal block; blunt cut ends



Tubeaxial Cooling Fans & Radial Blowers

DC Fans - Brushless

Frame Size H x W x D mm (inches)	Model	Voltage (V)	Airflow (CFM)	Input Power (Watts)	Input Current (mA)	Speed (RPM)	Noise Level (dBA)	Weight (oz)	Construction	Guard Filter Cord
25 x 25 x 10 (1.0 x 1.0 x 0.4)	PO002-05D-2510B-4 PO002-12D-2510B-4	5 12	2.0 2.0	0.35 0.96	80 80	10000 10000	25 25	0.3	Plastic housing and impeller, sealed ball bearing, 28 AWG wire leads	N/A
30 x 30 x 10 (1.2 x 1.2 x 0.4)	PO004-05D-3010B-4 PO004-12D-3010B-4	5 12	4.1	0.35 0.72	70 60	8000	24	0.3	Plastic housing and impeller, sealed ball bearing, 28 AWG wire leads	N/A
40 x 40 x 13 (1.6 x 1.6 x 0.5)	PO006-12D-1B-2 PO006-24D-1B-2	12 24	6.4	1.5	95 50	6000	31	1.2	Plastic housing and impeller, sealed ball bearing, 28 AWG wire leads	40FP-45
40 x 40 x 20 (1.6 x 1.6 x 0.8)	PO005-12D-1B-3 PO005-24D-1B-3	12 24	5.0	1.8 2.4	150 100	6000	34	1.2	Plastic housing and impeller, sealed ball bearing, 28 AWG wire leads	40FP-45
60 x 60 x 25 (2.4 x 2.4 x 1.0)	PO012-12D-2B-2 PO012-24D-2B-2	12 24	12	0.9	80 40	2750	23	2.7	Plastic housing and impeller, sealed ball bearing, 28 AWG wire leads	5516 60FP-45 60FGM
	PO019-12D-2B-2 PO019-24D-2B-2	12 24	19	1.8	140 80	4300	34	2.7		
62 x 62 x 15 (2.5 x 2.5 x 0.6)	PO014-12D-2B-3 PO014-24D-2B-3	12 24	14	2.4	200 100	3700	30	1.5	Plastic housing and impeller, sealed ball bearing, 28 AWG wire leads	5516 60FP-45 60FGM
80 x 80 x 25 (3.2 x 3.2 x 1.0)	PO025-12D-3B-2 PO025-24D-3B-2	12 24	27	1.0	80 40	2150	25	3.0	Plastic housing and impeller, sealed ball bearing, 28 AWG wire leads	5508 80FP-45 80FGM
	PO035-12D-3B-2 PO035-24D-3B-2	12 24	35	2.4	200 100	2950	31	3.6		
	PO042-12D-3B-2 PO042-24D-3B-2	12 24	42	2.4	160 100	3500	37	3.0		
92 x 92 x 25 (3.6 x 3.6 x 1.0)	PO045-12D-9225B-4T	12	45	2.4	170	2400	32	3.6	Plastic housing and impeller, sealed ball bearing, 28 AWG wire leads with third wire option tachometer	5520 92FP-45 92FGM
92 x 92 x 32 (3.6 x 3.6 x 1.3)	PO053-12D-3B-2 PO053-24D-3B-2	12 24	53	3.5	280 140	3200	39	5.1	Plastic housing, plastic wheel, sealed ball bearing, 20 AWG wire leads	5520 92FP-45 92FGM
120 x 120 x 25 (4.7 x 4.7 x 1.0)	PO078-12D-4B-2	12	78	4.5	370	2650	42	6.4	Plastic housing, plastic wheel, sealed ball bearing, 20 AWG wire leads	5504 5502 120FP-45
	PM082-12D-4B PM082-24D-4B	12 24	82	6.7 7.2	560 300	3200 3250	45	9.0	Die cast aluminum housing, plastic impeller, sealed ball bearing, 24 AWG wire leads	
120 x 120 x 38 (4.7 x 4.7 x 1.5)	PO106-12D-4BT-7	12	108	6.6	550	2950	43	9.2	Plastic housing, plastic wheel, sealed ball bearing, 20 AWG wire leads	5504 5502 120FP-45 5505
120 x 120 x 38.5 (4.7 x 4.7 x 1.5)	PO125-12D-1238B-2 PO125-24D-1238B-2 PO125-48D-1238B-2	12 24 48	125	10.0	710 370 210	3000	52	8.8	Plastic housing, plastic wheel, sealed ball bearing, 20 AWG wire leads	5504 5502 120FP-45 5505

AC Radial Blowers

45 x 45 x 8 (1.7 x 1.7 x 0.3)	HS-05D-4508S-4 HS-12D-4508S-4	5 12	—	0.45 0.72	90 60	8000	24 27	0.6	Plastic housing, plastic wheel, sealed ball bearing, 20 AWG wire leads	N/A
AC Radial Blowers										
97 x 97 x 33 (3.88 x 3.88 x 1.32)	POB17-24D-9733B-2	24	18	3.7	165	2450	44	3.8	Plastic housing, plastic wheel, sealed ball bearing, 20 AWG wire leads	N/A
126 x 127 x 31 (5.0 x 5.0 x 1.54)	POB28-12D-5B-2	12	28	8	490	2500	48	9.4	Plastic housing, plastic wheel, sealed ball bearing, 20 AWG wire leads	N/A
	POB28-24D-5B-2	24			280					

Purdy Electronics

The Design Engineer's Source for High Quality Component Solutions

The mission of Purdy Electronics Corporation is to provide our original equipment manufacturer (OEM) customers with the highest quality electronic components at competitive prices, supported with superior customer service and technical service and value-added enhancements.

Purdy Electronics has been providing electronic components to OEMs for over 75 years. We specialize in manufacturing a limited number of product lines including:

