



Short Form Catalog 2012

**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

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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 | 115 | 33 | 10.0 | 2700 | 33 | 6.8 | Aluminum housing, plastic impeller, sealed ball bearing 22AWG wire leads | 5508 80FP-45 5505 |
| | PM033-230-8025B-4 | 230 | | | | | | | |
| 80 x 80 x 38 (3.2 x 3.2 x 1.5) | PM037-115-8038BT-4 | 115 | 37 | 12.0 | 2700 | 39 | 10.3 | Aluminum alloy housing, plastic impeller, sealed ball bearing, terminal block | 5508 80FP-45 5505 |
| | PM037-230-8038BT-4 | 230 | | | | | | | |
| 92 x 92 x 25 (3.6 x 3.6 x 1.0) | PM040-115-9225BT-4 | 115 | 40 | 12.0 | 2400 | 39 | 8.0 | Aluminum housing, plastic impeller, sealed ball bearing, terminal block | 5520 92FP-45 5505 |
| | PM040-230-9225BT-4 | 230 | | | | | | | |
| 120 x 120 x 25 (4.7 x 4.7 x 1.0) | PM053-115-1225BT-4 | 115 | 53 | 13.0 | 1900 | 38 | 11.8 | Aluminum alloy housing, plastic impeller, sealed ball bearing, terminal block | 5504 5502 |
| | PM053-115-1225BT-4 | 230 | | | | | | | |
| | PM080-115-1225BT-4 | 115 | 80 | 18.0 | 2300 2900 | 45 | 11.8 | | 120FP-45 5505 |
| | PM080-230-1225BT-4 | 230 | | | | | | | |
| 120 x 120 x 38 (4.7 x 4.7 x 1.5) | PM115-115-1238BT-4 | 115 | 115 | 20.0 | 3000 | 49 | 18.2 | Aluminum alloy housing, plastic impeller, sealed ball bearing, terminal block | 5504, 5502 120FP-45 5505 |
| | PM115-230-1238BT-4 | 230 | | | | | | | |
| 172 x 150 x 38 (6.8 x 6.0 x 1.5) | PM220-115-1738BT-4 | 115 | 220 | 32.0 38.0 | 3100 | 52 | 31.0 | Aluminum alloy housing, plastic impeller, sealed ball bearing, terminal block | 5506 5505 |
| | PM220-230-1738BT-4 | 230 | | | | | | | |
| 172 x 150 x 51 (6.8 x 6.0 x 2.0) | PM238-115-1751BT-4 | 115 | 238 | 32.0 38.0 | 3100 | 55 | 33.3 | Aluminum alloy housing, plastic impeller, sealed ball bearing, terminal block | 5506 5505 |
| | PM238-230-1751BT-4 | 230 | | | | | | | |

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 |
|-------------------------------------|------------------------------|------------|----|------|------|----|------|---|-----|

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

AC Radial Blowers

| | | | | | | | | | | |
|----------------------------------|----------------|----|---|------|----|------|----|-----|--|-----|
| 45 x 45 x 8 (1.7 x 1.7 x 0.3) | HS-05D-4508S-4 | 5 | — | 0.45 | 90 | 8000 | 24 | 0.6 | Plastic housing, plastic wheel, sealed ball bearing, 20 AWG wire leads | N/A |
| | HS-12D-4508S-4 | 12 | | 0.72 | 60 | | 27 | | | |

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

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