

Accessories - continued

Finger Guards and Filters - continued

| Finger Guards | Order Code | Price Each | | | | | |
|---|------------|------------|----------|----------|----------|----|----|
| | | 1+ | 10+ | 25+ | 50+ | + | + |
| 119mm, Metal | 112-4762 | 241.00 | 218.00 | 205.00 | 194.00 | -- | -- |
| 119mm, Plastic | 112-4772 | 191.00 | 174.00 | 156.00 | 137.00 | -- | -- |
| 127mm, Metal | 112-4773 | 323.00 | 280.00 | 234.00 | 203.00 | -- | -- |
| 135mm, Metal | 117-1803 | 359.00 | 316.00 | 285.00 | 264.00 | -- | -- |
| 160mm, Metal | 112-4763 | 295.00 | 274.00 | 262.00 | 250.00 | -- | -- |
| Filters | | | | | | | |
| 60/62mm | 117-1799 | 986.00 | 882.00 | 830.00 | 751.00 | -- | -- |
| 80mm | 117-1791 | 1,261.00 | 1,235.00 | 1,198.00 | 1,134.00 | -- | -- |
| 119mm | 117-1796 | 1,050.00 | 1,028.00 | 998.00 | 918.00 | -- | -- |
| 160mm | 117-1808 | 1,429.00 | 1,279.00 | 1,185.00 | 1,046.00 | -- | -- |
| Price Per Pack | | | | | | | |
| | | 1+ | 10+ | 25+ | 50+ | + | + |
| Replacement Filters (5 Per Pack) | | | | | | | |
| 60/62mm | 117-1801 | 95.00 | 86.00 | 78.00 | 78.00 | -- | -- |
| 80mm | 117-1797 | 112.00 | 98.00 | 92.00 | 90.00 | -- | -- |
| 119mm | 117-1798 | 140.00 | 125.00 | 116.00 | 108.00 | -- | -- |
| 160mm | 117-1809 | 208.00 | 188.00 | 167.00 | 152.00 | -- | -- |

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Fans

Filter Assemblies



- Assemblies consist of guard, polyurethane foam filter, and media retainer
- Manufactured from UL94-V0 high impact plastic

204318

| Filter Assemblies | Order Code | Price Each/Per Pack | | | | |
|---|------------|---------------------|--------|--------|--------|----|
| | | 1+ | 10+ | 25+ | 50+ | + |
| 80mm | 112-4764 | 342.00 | 318.00 | 294.00 | 246.00 | -- |
| 92mm | 112-4765 | 370.00 | 344.00 | 317.00 | 264.00 | -- |
| 119mm | 112-4767 | 409.00 | 381.00 | 351.00 | 294.00 | -- |
| Replacement Filters (5 Per Pack) | | | | | | |
| 80mm | 112-4768 | 189.00 | 184.00 | 168.00 | 139.00 | -- |
| 92mm | 112-4769 | 199.00 | 179.00 | 165.00 | 130.00 | -- |
| 119mm | 112-4770 | 222.00 | 192.00 | 177.00 | 148.00 | -- |

EMC Screened Filters



- High efficiency EMC screened axial fan filters/finger guards
- One piece welded mesh construction
- Excellent overall screening effectiveness over fan aperture
- Only 1% airflow reduction, compared with 20% from a conventional woven mesh filter

| Size | Average screening effectiveness (dB) 40MHz 1GHz/1.1 GHz - 4GHz | Mfrs. List No. | Order Code |
|---------|---|----------------|------------|
| 40mm | — | PRF40. | 341-4530 |
| 60/62mm | 14.05/15.40 | PRF60. | 593-631 |
| 80mm | 23.05/25.80 | PRF80 | 117-1805 |
| 92mm | 24.74/25.14 | PRF90. | 593-655 |
| 119mm | 31.79/22.95 | PRF120. | 593-667 |

204305

| Size | Order Code | Price Each | | | | |
|---------|------------|------------|--------|--------|--------|----|
| | | 1+ | 10+ | 25+ | 50+ | + |
| 40mm | 117-1826 | 504.00 | -- | -- | -- | -- |
| 60/62mm | 117-1804 | 819.00 | 707.00 | 672.00 | 471.00 | -- |
| 80mm | 117-1805 | 789.00 | 680.00 | 647.00 | 444.00 | -- |
| 92mm | 117-1806 | 857.00 | 740.00 | 703.00 | 481.00 | -- |
| 119mm | 117-1807 | 888.00 | 766.00 | 728.00 | 551.00 | -- |

Mixed Flow Fans

Low Voltage DC, 172mm
High Airflow Pressure



- Combines the structural features of axial and radial fans
- Generates greater static pressure than a standard axial fan
- Metal housing with glass reinforced plastic impeller
- Fully integrated commutation electronics, electronic protection against reverse polarity and blocking

| Voltage | Dimensions Dia D | Power Watts | Air Flow cu ft/min | ltrs/sec | Noise dBA | Mfrs. List No. | Order Code |
|---------|---------------------|----------------|-----------------------|----------|--------------|----------------|------------|
| 24V dc | 172 51 | 37 | 317.8 | 149.9 | 63 | DV6224 | 960-0604 |

204353

| Dimensions Dia D | Voltage | Order Code | Price Each | | | | |
|---------------------|---------|------------|------------|----------|----------|----------|----|
| | | | 1+ | 10+ | 25+ | 50+ | + |
| 172 51 | 24V dc | 960-0604 | 5,589.00 | 5,309.00 | 5,030.00 | 4,756.00 | -- |

Backward Curved Fans

Backward Curved Centrifugal Fan
230V ac



- Ideal for sucking applications against pressure systems, example: extraction from hoods and cabinets
- Non-overloading characteristics
- Utilises external rotor motors
- Built-in thermal protection
- Maintenance-free ball bearings
- Operation possible without scroll

| Impeller Dia (mm) | Air Flow (l/s) | Noise level (dB) | Mfrs. List No. | Order Code |
|-------------------|----------------|------------------|--------------------|------------|
| 133 | 72 | 55 | R2S133-AE17-05 | 960-1228 |
| 175 | 119 | 56 | R2S175-AB56-01 | 960-1236 |
| 190 | 576 | 63 | R2E190-A026-05 | 960-1244 |
| 220 | 860 | 74 | R2E220-AA40-05 | 101-1723 |
| 225 | 850 | 70 | R2E225-AT51-05+CAP | 960-1252 |

213834

| Air Flow (l/s) | Mfrs. List No. | Order Code | Price Each | |
|----------------|--------------------|------------|------------|----------|
| | | | 1+ | 5+ |
| 72 | R2S133-AE17-05 | 960-1228 | 3,778.00 | 3,590.00 |
| 119 | R2S175-AB56-01 | 960-1236 | 5,028.00 | 4,776.00 |
| 160 | R2E190-A026-05 | 960-1244 | 6,270.00 | 6,079.00 |
| 900 | R2E220-AA40-05 | 101-1723 | 6,334.00 | 5,678.00 |
| 236 | R2E225-AT51-05+CAP | 960-1252 | 8,603.00 | 7,742.00 |

Flatpack Fans

High Static Pressure for Crowded Enclosures



- Durable construction - fibreglass blower wheel and housing mounted on galvanised steel plate
- Electronic protection against reverse polarity and thermal overload
- Air flows into axis of rotation and exhausts through port on one edge
- Supplied with two connecting leads approx 300mm long with stripped and tinned ends
- Advanced ball bearing design for very long operational life, 121mm ac fans have sleeved bearings

| Dimensions | | Power | Air Flow | Noise | Mfrs. | Order Code | |
|------------|--------|---------|-----------|-------|----------|----------------|----------|
| H | W D | Watts | cu ft/min | dBA | List No. | | |
| 121 | 121 37 | 115V ac | 19.5 | 24.7 | 11.7 | 56 RL90-18/00. | 311-1570 |
| 121 | 121 37 | 230V ac | 20 | 23.5 | 11.1 | 56 RL90-18/50. | 311-1581 |

| Dimensions H W D | Voltage | Order Code | Price Each | | | |
|---------------------|---------|------------|------------|----------|----------|----------|
| | | | 1+ | 10+ | 25+ | 50+ |
| 121 121 37 | 115V ac | 311-1570 | 3,272.00 | 3,110.00 | 2,945.00 | 2,619.00 |
| 121 121 37 | 230V ac | 311-1581 | 3,272.00 | 3,110.00 | 2,945.00 | 2,619.00 |

| Dimensions H W D | Voltage | Power Watts | Air Flow cu ft/min | Noise ltrs/sec | Noise dBA | Mfrs. | Order Code |
|---------------------|---------|----------------|-----------------------|-------------------|--------------|-------------|------------|
| | | | | | | List No. | |
| 121 121 37 | 12V dc | 5.5 | 23.5 | 11 | 58 | RL90-18/12N | 959-9932 |
| 121 121 37 | 24V dc | 5 | 23.5 | 11 | 58 | RL90-18/14N | 959-9940 |
| 121 121 37 | 115V ac | 19.5 | 24.7 | 11.7 | 56 | RL90-18/00 | 960-0230 |
| 121 121 37 | 230V ac | 20 | 23.5 | 11.1 | 56 | RL90-18/50 | 960-0248 |
| 135 135 38 | 24V dc | 5.5 | 32.4 | 15.2 | 55 | RG90-18/14N | 959-9959 |