



COOLING FANS

SMARTCOOL

Balance Necessary Cooling With Noise Reduction.

Built-in temperature sensor keeps your system quiet when cool, speeds fan up when system heat increases.



Special Features:

- Thermal sensor keeps fan quiet at low temperatures, speeds it up as temperature rises
- 3-pin connector with fan speed monitoring, 4-pin adapter with pass through - saves power connector
- Double ball bearing design for longer life
- **SmartCool Plus** includes Remote Sensor to detect temperatures anywhere in case - ideal as thermally-controlled intake fan or hard drive fan

| Model | 120mm | 92mm | 80mm / 80mm Plus |
|---------------|---------------------|-------------------|-------------------|
| Size | 120 x 120 x 25,4 mm | 92 x 92 x 25,4 mm | 80 x 80 x 25,4 mm |
| Weight | 169 g | 87 g | 73 g |
| Input Voltage | 12 VDC | 12 VDC | 12 VDC |
| UPC # | 761345-75012-7 | 761345-75009-7 | 761345-75013-4 |

SmartCool Performance at Various Temperatures:



80mm SmartCool / 80mm SmartCool Plus

| Temperature (°C) | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|
| Speed (RPM) | 1650 | 1800 | 2000 | 2400 | 2700 | 2800 | 2850 |
| Current (Amp) | 0.090 | 0.092 | 0.109 | 0.124 | 0.142 | 0.152 | 0.159 |
| Pressure (inch/Aq) | 0.05 | 0.06 | 0.08 | 0.11 | 0.14 | 0.15 | 0.16 |
| Noise (dBA) | 21.0 | 23.0 | 24.5 | 29.0 | 32.0 | 33.0 | 34.0 |
| Air Flow (CFM) | 24.0 | 26.0 | 29.0 | 35.0 | 39.0 | 40.0 | 41.0 |



92mm SmartCool

| Temperature (°C) | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|
| Speed (RPM) | 1450 | 1560 | 1680 | 1830 | 1980 | 2040 | 2070 |
| Current (Amp) | 0.072 | 0.076 | 0.081 | 0.085 | 0.095 | 0.104 | 0.105 |
| Pressure (inch/Aq) | 0.050 | 0.058 | 0.060 | 0.080 | 0.090 | 0.100 | 0.102 |
| Noise (dBA) | 23.49 | 25.08 | 26.69 | 28.55 | 30.26 | 30.91 | 31.23 |
| Air Flow (CFM) | 28.0 | 30.0 | 33.0 | 37.0 | 38.0 | 40.0 | 40.0 |



120mm SmartCool

| Temperature (°C) | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|
| Speed (RPM) | 980 | 1020 | 1170 | 1310 | 1410 | 1560 | 1720 |
| Current (Amp) | 0.130 | 0.133 | 0.147 | 0.158 | 0.168 | 0.184 | 0.201 |
| Pressure (inch/Aq) | 0.030 | 0.033 | 0.043 | 0.040 | 0.060 | 0.076 | 0.090 |
| Noise (dBA) | 20.0 | 21.0 | 24.0 | 28.0 | 27.80 | 30.0 | 32.0 |
| Air Flow (CFM) | 34.0 | 35.0 | 41.0 | 46.0 | 49.0 | 54.0 | 60.0 |