



BTFENIX®

SPECTRE PRO



Following the success of our Spectre™ Fan Series, Spectre Pro™ ups the ante with an all-new design and enhanced performance. The high pressure and CFM design produces wicked cooling and is also perfect for watercooling setups. Its dual ring construction not only looks great, but also helps to dampen vibrations that cause unnecessary noise. Reinforced fan blades prevent warping at high RPM levels, while focused airflow ensures cool air can reach all of your installed components. With FDB technology for low noise and long life, availability in both LED and non-LED varieties, and on-the-fly light switching, Spectre Pro is the new gold standard in performance case fans.

Harness the fury with the Spectre Pro Fan Series.

Highlights

- **High Pressure/CFM Design** - Engineered for maximum pressure and airflow
- **Dual Ring Construction** - Vibration dampening and a unique look
- **Reinforced Fan Blades** - Resists warping even when spinning at high speeds for maximum cooling performance
- **Focused Airflow** - Directs airflow in a focused column, minimizing diffusion and allowing cool air to reach components
- **Silent Operation and Long Life** - Fluid dynamic bearing technology for minimum noise and maximum operating life
- **LED and Non-LED Versions** - Choose the look you want
- **On-the-Fly Light Switching** - Push-button convenience with BitFenix Survivor and compatible accessories





LED and Non-LED Versions



Dual Ring Construction



Reinforced Fan Blades



Multiple Sizes and Colors Available



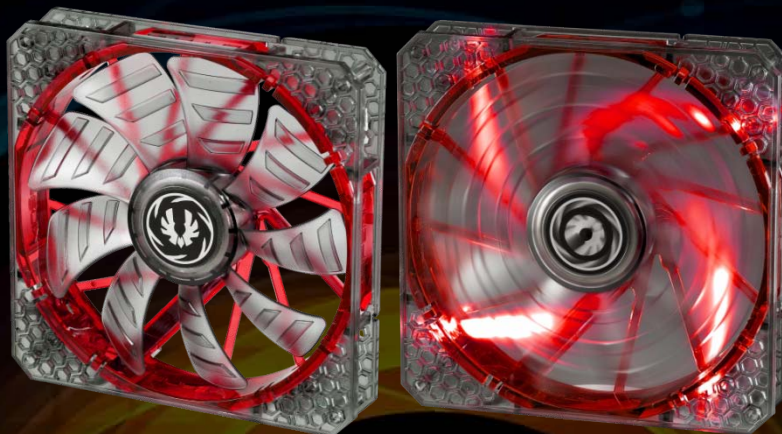
120mm



Specifications	120mm
Materials	PC & PBT
Available Colors	Tinted Transparent Black/Red Tinted Transparent Black/Blue Tinted Transparent Black/White All Black
Dimensions	120x120x25mm
Operating Voltage	12VDC
Starting Voltage	5VDC
Current	LED: 0.18A \pm 10% Non-LED: 0.11A \pm 10%
Speed	1200 RPM \pm 10%
Airflow	56.22 CFM \pm 10%
Air Pressure	1.24 mmH2O
Noise	18.9 dB(A)
Bearing Type	Fluid Dynamic Bearings (FDB)
P/N	LED Red: BFF-LPRO-12025R-RP LED Blue: BFF-LPRO-12025B-RP LED White: BFF-LPRO-12025W-RP All Black: BFF-SPRO-12025KK-RP
EAN	LED Red: 4716779447538 LED Blue: 4716779447477 LED White: 4716779447934 All Black: 4716779444780
UPC	LED Red: 886027006986 LED Blue: 886027006818 LED White: 886027006740 All Black: 886027008546
Package Dimensions	137x124x29
Carton Dimensions	460x265x306
QTY / Box	10
QTY / Carton	60



140mm



Specifications	140mm
Materials	PC & PBT
Available Colors	Tinted Transparent Black/Red Tinted Transparent Black/Blue Tinted Transparent Black/White All Black
Dimensions	140x140x25mm
Operating Voltage	12VDC
Starting Voltage	5VDC
Current	LED: 0.25A \pm 10% Non-LED: 0.18A \pm 10%
Speed	1200 RPM \pm 10%
Airflow	86.73 CFM \pm 10%
Air Pressure	1.38 mmH ₂ O
Noise	22.8 dB(A)
Bearing Type	Fluid Dynamic Bearings (FDB)
P/N	LED Red: BFF-LPRO-14025R-RP LED Blue: BFF-LPRO-14025B-RP LED White: BFF-LPRO-14025W-RP All Black: BFF-SPRO-14025KK-RP
EAN	LED Red: 4716779447576 LED Blue: 4716779447453 LED White: 4716779447941 All Black: 4716779446357
UPC	LED Red: 886027006986 LED Blue: 886027006818 LED White: 886027006740 All Black: 886027008546
Package Dimensions	158x145x30
Carton Dimensions	460x303x346
QTY / Box	10
QTY / Carton	60



200mm



Specifications	200mm
Materials	PC & PBT
Available Colors	Tinted Transparent Black/Red Tinted Transparent Black/Blue Tinted Transparent Black/White All Black
Dimensions	200x200x25mm
Operating Voltage	12VDC
Starting Voltage	5VDC
Current	LED: 0.33A \pm 10% Non-LED: 0.28A \pm 10%
Speed	900 RPM \pm 10%
Airflow	148.72 CFM \pm 10%
Air Pressure	1.26 mmH ₂ O
Noise	27.5 dB(A)
Bearing Type	Fluid Dynamic Bearings (FDB)
P/N	LED Red: BFF-LPRO-20025R-RP LED Blue: BFF-LPRO-20025B-RP LED White: BFF-LPRO-20025W-RP All Black: BFF-SPRO-20025KK-RP
EAN	LED Red: 4716779447545 LED Blue: 4716779447446 LED White: 4716779447958 All Black: 4716779447866
UPC	LED Red: 886027004845 LED Blue: 886027006832 LED White: 886027006764 All Black: 886027006948
Package Dimensions	207x204x27
Carton Dimensions	460x415x232
QTY / Box	10
QTY / Carton	30



BIFENIX®

230mm



Specifications	230mm
Materials	PC & PBT
Available Colors	Tinted Transparent Black/Red Tinted Transparent Black/Blue Tinted Transparent Black/White All Black
Dimensions	230x200x30mm
Operating Voltage	12VDC
Starting Voltage	5VDC
Current	LED: 0.41A \pm 10% Non-LED: 0.38A \pm 10%
Speed	900 RPM \pm 10%
Airflow	156.27 CFM \pm 10%
Air Pressure	1.81 mmH ₂ O
Noise	25.6 dB(A)
Bearing Type	Fluid Dynamic Bearings (FDB)
P/N	LED Red: BFF-LPRO-23030R-RP LED Blue: BFF-LPRO-23030B-RP LED White: BFF-LPRO-23030W-RP All Black: BFF-SPRO-23030KK-RP
EAN	LED Red: 4716779447521 LED Blue: 4716779447460 LED White: 4716779447965 All Black: 4716779447583
UPC	LED Red: 886027006979 LED Blue: 886027004494 LED White: 886027006771 All Black: 886027004555
Package Dimensions	235x210x32
Carton Dimensions	480x340x236
QTY / Box	10
QTY / Carton	20

