## MasterFan MF120 S3



MasterFan MF120 S3, a new series to the MasterFan family mainly target system builders, provides a specific air cooling solution ideal for CPU coolers and chassis in-take

fans. With Tri Loop Addressable RGB Lighting ensuring the most vibrant display of color for your coverage and generate high pressure airflow. MF120 S series is fitted with multiple layers of our exclusive noise reduction technologies and a perfect blend of fan blade design that put together work in harmony to cool your entire case and its components in silence.

### Features

#### Tri Loop Addressable RGB Lighting-

Individually Controlled ARGB LEDs Divided Into 3 Rings Ensuring the Most Vibrant Display of Color for Your.

**Silent Cooling Technology -** A Mixture of Noise Reduction Technology and Sound Absorbing Materials Offering Peaceful Cooling Solution Even When Under Load.

**Hybrid Fan Blade Design-** Air Balance Fan Blade Combined with Wave Shape Blades, Inspired by Jet Engine and Helicopter Blade Gives Your System Static Air Pressure Without Compromising Airflow.

**Wide Range of Compatibility-** Addressable RGB that is Certified Compatible with Asus Aura, ASRock RGB and MSI RGB.

## **Specifications & Packing Information**

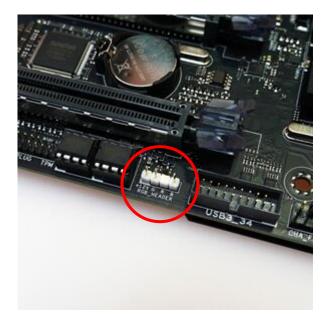
| Product Name                      | MasterFan MF120 S3              |  |
|-----------------------------------|---------------------------------|--|
| Product Number                    | MFW-B2DN-18NPA-S3               |  |
| Profile                           | ARGB                            |  |
| Fan Speed (RPM)                   | 650~1800 RPM ± 10%              |  |
| Airflow (CFM)                     | 52 CFM (Max)                    |  |
| Air Pressure (mmH <sub>2</sub> O) | 1.82 mmH <sub>2</sub> 0 (Max)   |  |
| Fan Noise Level (dBA)             | 8~27 dBA                        |  |
| Dimensions (mm)                   | 120 x 120 x 25 (4.7 x 4.7 x 1") |  |
| MTTF (hours)                      | 160,000                         |  |
| Bearing                           | Rifle                           |  |
| Connector                         | 4-Pin (PWM)                     |  |
| Rated Voltage                     | 12 VDC                          |  |
| Rated Current                     | 0.22 A                          |  |
| Safety Current                    | 0.37 A                          |  |
| RGB Connector                     | 3-pin ARGB                      |  |
| RGB Rated Voltage                 | 5 VDC                           |  |
| RGB rated Current                 | 0.65A                           |  |
| Power Consumption                 | 2.64 W                          |  |
| Weight                            | 156 g ( 0.34 lbs)               |  |
| Warranty                          | 2 years                         |  |

| EAN code                       | 4719512110119   |
|--------------------------------|-----------------|
| UPC code                       | 884102082429    |
| Net weight (Kg)                | 0.16            |
| Gross weight (Kg)              | 0.19            |
| Carton dimension (L x W x H)cm | 12.6 x 3.2 x 14 |
| Unit/Carton                    | 40pcs           |

| Cont. | W/ Pallet | Carton/ Pallet | W/O Pallet |
|-------|-----------|----------------|------------|
| 20′   | 30240     | 63             | N/A        |
| 40′   | 60480     | 63             | N/A        |
| 40 HQ | 69120     | 72             | N/A        |
| 45 HQ | ~         | ~              | N/A        |



# **System requirements**



• 1) Require motherboard with ARGB header to enable RGB lighting



• Or 2) Or 2) require WIRED ARGB CONTROLLER (sold separately)



Cooler Master MasterFan RGB series is certified compatible with most of Aaddressable RGB capable motherboards.