

CO-9050188-WW

Corsair RS120 120mm PWM fans Single pack - Black

Product Overview

Corsair RS120 120mm PWM fans single pack - Black, Fan size is 120mm x 25mm, Speed ranges from 420 to 2100 rpm, Airflow is between 13.3 and 72.8 CFM, Features PWM Control capability, Supports Zero rpm mode for Silent Operation at low loads, Includes AirGuide Technology with stator vanes to Focus Airflow, Uses Magnetic Dome bearings to Minimize friction and noise, Allows direct-to-motherboard connection via single 4 pin PWM Connector, Enables daisy-chain connections between fans in sequence.





Specifications

Overview Summary:

Upgrade your PC cooling system with the Corsair RS120 120mm PWM Fan, engineered for South African buyers who demand high performance and silence. This single-pack black fan features AirGuide technology to maximize airflow efficiency while the Magnetic Dome bearings ensure near-silent operation and extended longevity.

Designed for direct-to-motherboard connection via daisy-chaining, this fan simplifies your build by reducing cable clutter without sacrificing power. With adjustable speeds up to 2100 RPM and a Zero RPM mode for noise-free idle times, it is perfect for both high-performance gaming rigs and quiet home workstations. Shop now to experience superior cooling with minimal acoustic footprint.

Performance tier:High

Uses:PC case ventilation, radiator cooling, system airflow optimization, silent computing, thermal management

Overview:

The Corsair RS120 120mm PWM fan, identified by part number CO-9050188-WW, is engineered to streamline your PC build with superior cooling efficiency and near-silent operation. This single-pack unit integrates daisy-chain connectivity, allowing you to connect multiple fans directly to the motherboard without the need for extra hubs or tangled cables. By utilizing AirGuide technology and advanced bearing systems, this fan delivers exceptional airflow and static pressure, making it an ideal choice for both case ventilation and high-performance radiator cooling.

Description:

The Corsair RS120 PWM Fan combines precision engineering with user-friendly design to deliver top-tier thermal management. Key benefits include a direct-to-motherboard daisy-chain interface that simplifies cable management, optimized airfoil blades for maximum airflow efficiency, and a magnetic dome bearing system that minimizes friction, noise, and wear. The fan supports Zero RPM mode, ensuring it stops completely during low-load scenarios to eliminate acoustic distraction while maintaining peak performance when cooling demands are high.

Features:

Simplified Cable Management

The RS Series fans feature a unique daisy-chain design that allows you to skip traditional fan hubs entirely. You can connect multiple units in sequence and control the entire chain through a single 4-pin PWM connector on your motherboard,

significantly reducing clutter inside your chassis.

Airflow and Static Pressure

Designed to excel at both general airflow and high-pressure scenarios, this fan utilizes specific engineering techniques to move air effectively. The optimized angle of attack, combined with an airfoil blade shape and precise edge curvature, ensures maximum efficiency. Additionally, the housing supports the largest possible blade radius for its size limit, while stator vanes focus the exhaust cone to improve coverage over radiator fins.

Quiet Operation and Durability

At the heart of this fan lies a Magnetic Dome bearing that minimizes mechanical friction and noise. This design choice not only reduces the acoustic footprint but also extends the lifespan of the unit by reducing wear on moving parts. The PWM control allows for precise speed adjustments between 420 and 2100 RPM, including a Zero RPM mode where fans stop spinning entirely when system loads are low.

This single-pack cooling solution has undergone extensive testing to guarantee reliable performance across its full range of speeds. It is perfect for users seeking a balance between high thermal output and quiet operation without the need for RGB lighting or proprietary software integration.

Technical Specifications:

- Fan Size: 120mm x 25mm
- Airflow Range: 13.3 - 72.8 CFM
- RPM Speed: 420 - 2100 RPM +/-10%
- Sound Level: 10 - 36 dBA
- Fan Static Pressure: 0.2 - 4.15 mm-H2O
- Power Draw: 0.4A
- PWM Control: Yes
- Flow Type: Static Pressure
- LED Color: None
- Weight: 0.239 kg

What's in the box

- Corsair RS120 PWM Fan (Single Unit)
- Daisy-chain cable for connecting additional fans
- Screws and fan clips for installation

Specifications:

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Specifications	
Product Code	CO-9050188-WW
Weight	0.239
Fan Size	120mm x 25mm
LED Color	NONE
Package Quantity	1
Power Draw	0.4A

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Product Specification Sheet

PWM Control	Yes
Sound Level	10 - 36 dBA
Fan Static Pressure	0.2 - 4.15 mm-H ₂ O
LINK Compatibility	None
Fan Airflow	13.3 - 72.8 CFM
Flow Type	STATIC PRESSURE
Speed	420 - 2100 RPM +/-10%

FAQ

Does the Corsair RS120 fan include LED lighting?

No, this single pack of fans does not feature any LED lights.

How do I connect multiple fans without using a hub?

You can use the daisy-chain connection to link fans in sequence and control them all with a single 4-pin PWM connector on your motherboard.

Can these fans stop spinning completely when the PC is idle?

Yes, the RS120 supports Zero RPM mode via PWM control, allowing the fans to stop spinning entirely at low loads to eliminate noise.

What are the physical dimensions and airflow capacity of this fan?

The fan measures 120mm x 25mm with an airflow range of 13.3 to 72.8 CFM at speeds between 420 and 2100 RPM.

Is this fan suitable for use with radiators or restricted spaces?

Absolutely, the RS Series is engineered for static pressure with AirGuide technology that focuses airflow to improve heat dissipation on radiator fins.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/CO-9050188-WW-Corsair-RS120-120mm-PWM-fans-Single-pack-Buy-p-341525.php>

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