

# 04028RA-12R-AU-02 NMB 12V 0.75A 4-wire axial fan

**SKU:** 04028RA-12R-AU-02

**Price:** \$9.99

**Categories:** Fans

**Tags:** NMB

**Product Link:**

<https://www.electspares.com/product/04028ra-12r-au-02-nmb-12v-0-75a-4-wire-axial-fan/>

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## Product Description

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The NMB 04028RA-12R-AU-02, specified with a 0.75A current, represents an extremely powerful 12V DC axial cooling fan from NMB Technologies, engineered for the most demanding thermal management applications where space is critically limited. Measuring a compact 40x40x28mm, this fan draws 0.75A (9.0W) to achieve an astonishing estimated speed of 22,000 RPM, delivering an immense 25.0 CFM airflow and an impressive 2.80 inch-H2O of static pressure. Equipped with durable ball bearings, it maintains a substantial life expectancy of 70,000 hours at 40°C. With 4-wire leads, it offers advanced control via PWM for precise speed regulation and includes a tachometer output for real-time monitoring, making it an essential component for high-density servers, specialized industrial electronics, and other systems requiring maximum cooling performance despite its 62.0 dBA noise level.

Model Number: 04028RA-12R-AU-02

Manufacturer: NMB Technologies

Type: DC Axial Cooling Fan

Rated Voltage: 12V DC

Operating Voltage Range: 10.8V to 13.2V DC

Rated Current: 0.75A

Rated Power: 9.0W

Speed: 22,000 RPM (estimated for this current draw)

Airflow: 25.0 CFM (estimated for this current draw)

Static Pressure: 2.80 inch-H2O (estimated for this current draw)

Noise Level: 62.0 dBA (estimated for this current draw)

Dimensions: 40mm (Length) x 40mm (Height) x 28mm (Depth/Thickness)

Connector: 4-Wire Leads (Red: +, Black: -, Yellow: Tachometer Output, Blue/White: PWM

Control - typical for high-end NMB fans with advanced features)

Bearing Type: Ball Bearing

Life Expectancy: 70,000 hours at 40°C

Operating Temperature: -10°C to 70°C

Frame Material: Plastic

Impeller Material: Plastic

Features: Auto Restart, PWM Control, Speed Sensor (Tachometer Output), Locked Rotor Protection

## Product Images

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