

# R40W12BS1NL9-07AA41 Nidec 12VDC 40x40x56mm Dual Axial Fan Datasheet



**Brand:** Nidec

**SKU:** 953389615138

**Category:** Axial & Centrifugal Fans

**Price:** **\$17.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/r40w12bs1nl9-07aa41-nidec-12vdc-40x40x56mm-dual-axial-fan>

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## Product Description

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The Nidec R40W12BS1NL9-07AA41 is a high-static pressure Dual Axial Fan engineered for critical thermal management within the UltraFlo series. Utilizing advanced DC motor technology and a counter-rotating blade architecture, this unit optimizes aerodynamic efficiency to overcome significant backpressure in restricted environments. The robust housing design ensures structural rigidity and minimizes vibration during operation, while the dual-motor configuration significantly reduces thermal impedance compared to single-stage alternatives. This component is specifically calibrated for reliability in continuous-duty industrial and enterprise applications.

Model Number: R40W12BS1NL9-07AA41

Brand: Nidec

Series: UltraFlo

Product Type: Dual Axial Fan (Counter-Rotating)

Rated Voltage: 12VDC

Rated Current: 3.20A

Power Consumption: 38.4W

Dimensions: 40x40x56mm

Bearing Type: Dual Ball Bearing

Motor Type: Brushless DC

Airflow Direction: Intake over struts

Housing Material: Reinforced Plastic (UL94V-0)  
Impeller Material: Reinforced Plastic (UL94V-0)  
Termination: Wire Leads with Original Connector  
Speed Control: PWM Support  
Ingress Protection: IP Rating Standard  
Operating Temperature: -10 to +70 Degrees Celsius  
Application: Server/Industrial Cooling  
Condition: New

The R40W12BS1NL9-07AA41 is extensively utilized in high-density computing environments, specifically within 1U server racks and blade chassis where space is at a premium. Its high-pressure capabilities make it ideal for cooling CPU heatsinks and power supply units in data centers. Additionally, the R40W12BS1NL9-07AA41 serves as a critical component in telecommunications equipment and network switches, ensuring optimal operating temperatures for sensitive electronics under heavy load.

## Supplemental Images

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