

# CF12038A3HS Chen Feng 380VAC 120x120x38mm Axial Fan Datasheet



SKU: [873055486330](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

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Product Page:

<https://www.equipspares.com/product/cf12038a3hs-chen-feng-380vac-120x120x38mm-axial-fan>

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## Product Description

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The Chen Feng CF12038A3HS is a robust AC axial fan engineered for high-voltage industrial applications requiring consistent thermal management and reliability. Designed with a durable die-cast aluminum frame architecture, this unit operates at a rated 380VAC, delivering optimized airflow to mitigate thermal impedance in densely packed enclosures. The motor assembly features a specialized impedance-protected stator design that ensures stable torque delivery across 50/60Hz frequencies, while the aerodynamic thermoplastic impeller reduces turbulence and noise generation. Constructed to maintain structural rigidity under continuous operation, the CF12038A3HS is an ideal solution for maintaining equilibrium in critical electrical cabinets and machinery. Its simplified 2-wire termination facilitates seamless integration into existing high-voltage industrial circuits.

Model Number: CF12038A3HS

Brand: CHEN FENG

Product Type: AC Axial Fan

Rated Voltage: 380 VAC

Frequency: 50/60 Hz

Voltage Range: 342 - 418 VAC

Rated Current: 0.08 A

Input Power: 21.0 W

Rated Speed: 2600 / 2900 RPM

Bearing Type: Sleeve Bearing  
Max. Air Flow: 95.0 CFM (161.4 m<sup>3</sup>/h / 2.69 m<sup>3</sup>/min)  
Max. Static Pressure: 7.62 mmH<sub>2</sub>O (74.7 Pa / 0.30 inH<sub>2</sub>O)  
Dimensions: 120 x 120 x 38 mm  
Weight: 530 g  
Life Expectancy: 30,000 Hours at 25°C  
Noise Level: 42 / 45 dBA  
Frame Material: Die-Cast Aluminum Alloy  
Blade Material: Thermoplastic PBT (UL94V-0)  
Ingress Protection: IP20  
Insulation Class: Class B  
Motor Type: Shaded Pole Induction Motor  
Termination: 2-Wire Lead (300mm)  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +70°C  
Mounting Orientation: Vertical or Horizontal  
Protection: Impedance Protected  
Dielectric Strength: 1500VAC for 1 Minute

This cooling solution is specifically calibrated for high-voltage industrial environments such as power distribution cabinets, CNC machinery, and heavy-duty automation equipment. The CF12038A3HS excels in venting heat from server racks and telecommunications infrastructure where 380V power sources are standard. By ensuring continuous air exchange, the CF12038A3HS protects sensitive components from overheating in manufacturing plants and control panels, ensuring operational continuity in demanding settings.

## Supplemental Images

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