

# TZ-F18C Mitsubishi 230VAC High Temp Cross Flow Fan Datasheet



**Brand:** Mitsubishi

**SKU:** [606617744149](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$672.99**

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Product Page: <https://www.equipspares.com/product/tz-f18c-mitsubishi-230vac-high-temp-cross-flow-fan>

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## Product Description

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The Mitsubishi TZ-F18C is a specialized Cross Flow Fan designed for rigorous industrial thermal management and precision machinery cooling. Engineered with a robust AC motor architecture, this unit delivers consistent airflow with optimized static pressure capabilities, essential for maintaining thermal equilibrium in sensitive equipment. The device features a high-temperature resistant construction, ensuring operational stability under extreme thermal loads typical of electrical discharge machining (EDM) environments. Its aerodynamic impeller design minimizes turbulence while maintaining high volumetric efficiency. The structural rigidity of the housing prevents deformation, guaranteeing long-term reliability and reduced mechanical vibration in heavy-duty applications.

Model Number: TZ-F18C

Brand: Mitsubishi Electric

Product Type: Cross Flow Fan

Rated Voltage: 230 VAC

Rated Current: 2.4 A

Power Consumption: Approx. 550 W

Bearing Type: High Precision Ball Bearing

Motor Type: AC Induction Motor

Cooling Method: Air Cooling

Housing Material: Metal Alloy

Blade Material: High Temperature Resistant Metal

Mounting Orientation: Horizontal/Vertical

Application: EDM Wire Cut Machines

Feature: High Temperature Resistance


Phase: Single Phase

This cooling solution is predominantly utilized in high-precision industrial machinery, specifically within Mitsubishi Wire Cut EDM systems where thermal regulation is critical for machining accuracy. The TZ-F18C ensures that internal electronic components and power supplies remain within safe operating temperature ranges during prolonged manufacturing cycles. Operators frequently deploy the TZ-F18C in heavy-duty control cabinets and industrial power units requiring substantial airflow to dissipate heat generated by high-voltage discharge processes.

## Supplemental Images

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<b>BLOWER</b>			
TYPE	TZ-F18C	RATING S1	AIR FLOW 20 m <sup>3</sup> /min
	200V 2.4A		STATIC PRESS 392Pa
		3350 r/min	SERIAL M201001141
MASS	13.5kg	DATE	2010.01.14
LEAD COLOR U : RED, V : WHITE, W : BLACK			
 <b>mitsubishi</b> ELECTRIC CORPORATION JAPAN			
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