

"Welding fan" typically refers to either an **internal cooling fan** used to keep welding machines from overheating, or an **external exhaust/fume extraction fan** used to protect welders from inhaling hazardous metal fumes. [[1](#), [2](#), [3](#), [4](#), [5](#)]

Depending on your specific requirement, you can choose from these highly-rated options:

Internal Replacement Cooling Fans

These are compact, heavy-duty axial fans mounted inside your MIG, TIG, or stick welder to prevent thermal failure. [[1](#), [2](#)]

- **[Samnantools Welding Machine Cooling Fan Air flow Heatsink Cooler](#)**: A 120x120x38mm AC axial fan operating at 220-240V and 2600 RPM. This dual-purpose fan functions as a cooling intake or an exhaust fan to maintain optimal system temperatures. It is available directly from Samnantools. [[1](#), [2](#), [3](#)]
- **METAPOD 8 Inch 3-Phase Cooling Fan**: A robust industrial-grade cooling fan engineered with a 100% copper motor winding to ensure reliable long-term performance under demanding workshop conditions. It operates on 415V AC power, making it perfect for heavy-duty inverter welding machines. You can read user specifications and purchase it on [Amazon India](#). [[1](#), [2](#)]
- **NGWELD 380v/6inch Oval Fan**: Featuring an oval frame format designed to maximize airflow and distribution compared to standard square enclosures. It serves as a strong choice for panel ventilation and welding machine exhausts. Available for purchase on Amazon India. [[1](#), [2](#)]