

# [AMS1117 Voltage Regulator](#)

Category: Equipment

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 8, 2026



Mbsmpro.com, AMS1117 Voltage Regulator, Common Mistakes, Thermal Design, 1.2V-5.0V, Decoupling, Layout, Alternatives

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# [Copper Pipe Flaring: Common Mistakes and How to Avoid Them in HVAC and Plumbing Installations](#)

Category: Refrigeration

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Mbsmpro.com, Copper Pipe, Flaring, HVAC, Plumbing, R600a, Mini-Split, Leak Prevention, Soft Copper, Flaring Block, 1/4", 3/8", 1/2", 5/8", Refrigerant Line

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# [Embraco FMXY9C Compressor: R600a, 1/6 HP](#)

Category: Refrigeration

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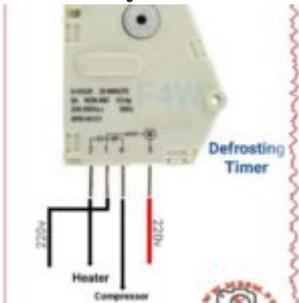
Mbsmpro.com, Compressor, FMXY9C, Embraco, R600a, 1/6 hp, Cooling, 220-240V, 1Ph 50Hz, LBP, Fullmotion, Inverter,  $-35^{\circ}\text{C}$  to  $-10^{\circ}\text{C}$ , CE UL, Austria

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## [Mechanical Defrost Timer LUFO HPT-02: Wiring](#)

Category: Refrigeration

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The LUFO HPT-02 mechanical timer alternates between defrost and cooling cycles in refrigeration systems. Rated at 120 VAC and 15A, it offers reliable control with a simple 4-terminal wiring setup.

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## [Jiaxipera VTH1113Y Compressor: R600a](#)

Category: Refrigeration

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Jiaxipera VTH1113Y is a high-efficiency inverter compressor using R600a refrigerant. Designed for

LBP applications, it operates on 220-240V and offers quiet, reliable cooling for household refrigerators.

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## [Blue Star Inverter AC Error Codes](#)

Category: Refrigeration

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 8, 2026



Blue Star inverter ACs display error codes to help technicians diagnose faults quickly. This guide covers models BO-IC312YATU, BO-IC318YBTU, and BO-IC324YATU, offering tables, comparisons, and expert advice.

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## [HVAC Valve Cores](#)

Category: Refrigeration

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Excerpt: Valve cores are vital for HVAC and refrigeration systems. This guide explores Schrader valve types, pressure ratings, material choices, and engineering tips for optimal performance and leak prevention.

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# [Flaring Tool Guide](#)

Category: Equipment

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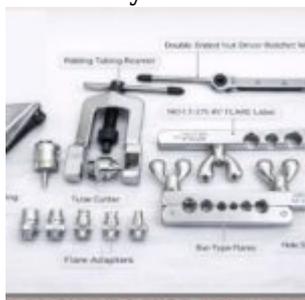
A bar-type flaring tool is essential for creating leak-proof connections in copper tubing. Its multiple size openings handle various tube diameters, while the adjustable T-handle provides precise control. This guide covers proper technique, common mistakes, and tool selection.

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# [NOCT-27545 & NRVT35-275 Tool Guide](#)

Category: Equipment

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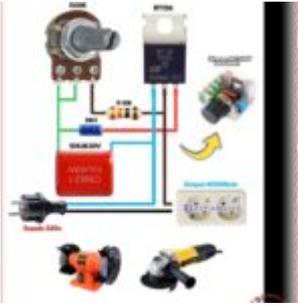
The NOCT-27545 ratchet wrench and NRVT35-275 flaring tool represent specialized HVAC instrumentation. This guide explains their functions, from creating perfect 45° flares to reaming tubing and driving fasteners in tight spaces, ensuring leak-free, professional installations.

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# [DIY 1000W AC Voltage Regulator, BT136 TRIAC](#)

Category: Electronic

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Achieve total control over your workshop machinery with the 1000 Watt AC dimmer circuit featuring the BT136 TRIAC. This professional-grade regulator is designed for 220V applications, allowing you to fine-tune the RPM of angle grinders and bench grinders. Explore our detailed component analysis and safety comparisons to build your own high-efficiency power controller today.