

[AMS1117 Voltage Regulator](#)

Category: Equipment

written by www.mbsmpro.com | January 8, 2026

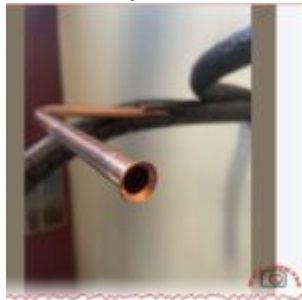


Mbsmpro.com, AMS1117 Voltage Regulator, Common Mistakes, Thermal Design, 1.2V-5.0V, Decoupling, Layout, Alternatives

[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

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

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Mbsmpro.com, Compressor, FMXY9C, Embraco, R600a, 1/6 hp, Cooling, 220-240V, 1Ph 50Hz, LBP, Fullmotion, Inverter, -35°C to -10°C, CE UL, Austria

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.

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.

[Blue Star Inverter AC Error Codes](#)

Category: Refrigeration

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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.

[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.

Flaring Tool Guide

Category: Equipment

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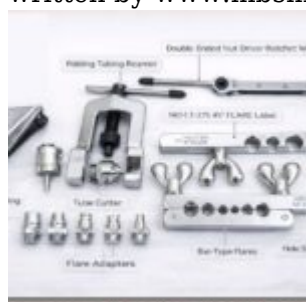


A bar-type flaring tool is essential for creating leak-proof connections in copper tubing. Its multiple size openings handle various tube diameters, while the adjustable T-handle provides precise control. This guide covers proper technique, common mistakes, and tool selection.

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.

DIY 1000W AC Voltage Regulator, BT136 TRIAC

Category: Electronic

written by www.mbsmpro.com | January 8, 2026



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.