

Typical forward voltages vary by LED color

Category: Electronic

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Mbsmpro.com, LED Forward Voltage Chart, Red Green Blue White Yellow Orange, Vf Ranges, Resistor Calculation, Driver Selection

AMS1117 Voltage Regulator

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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

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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

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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

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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](#)

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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](#)

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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.