Mitsubishi Ashiki MUY-JX22VF electrical technical data interpretation

Category: Air Conditioner
written by www.mbsmpro.com | January 9, 2026

Master the skill of reading AC nameplate specifications with this comprehensive technical guide. Learn to decode model numbers, interpret voltage and amperage ratings, identify refrigerant types, calculate cooling capacity, determine tonnage, and understand all electrical information displayed on your air conditioning unit nameplate.

ORIENT Inverter AC Error Codes

Category: Air Conditioner
written by www.mbsmpro.com | January 9, 2026

Discover comprehensive troubleshooting for ORIENT inverter AC systems. This complete error code guide covers E-series, F-series, P-series, and L-series fault codes with detailed solutions for sensor issues, communication failures, compressor problems, and electrical protection systems affecting your cooling performance.

MicroSD cards connect to microcontrollers

over SPI or SDIO

Category: Electronic
written by www.mbsmpro.com | January 9, 2026

Mbsmpro.com, MicroSD Interface, SPI Wiring, CS MOSI MISO SCK, 3.3V Level Shifter, Pinout, Data Logging

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Typical forward voltages vary by LED color

Category: Electronic
written by www.mbsmpro.com | January 9, 2026

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

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LM317 Voltage Regulator

Category: Electronic
written by www.mbsmpro.com | January 9, 2026

Mbsmpro.com, LM317 Voltage Regulator, TO-220, 1.2–37V, 40V IN, Pinout, Application Circuit, Thermal Design

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AMS1117 Voltage Regulator

Category: Equipment
written by www.mbsmpro.com | January 9, 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
written by www.mbsmpro.com | January 9, 2026

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
written by www.mbsmpro.com | January 9, 2026

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

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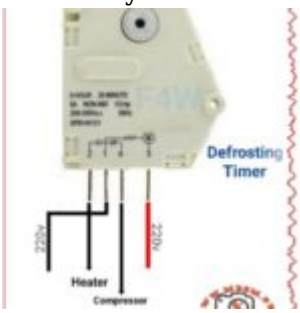
Mechanical Defrost Timer LUFO HPT-02: Wiring

Category: Refrigeration
written by www.mbsmpro.com | January 9, 2026



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
written by www.mbsmpro.com | January 9, 2026

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.