

# Brass Male Flare Union Fittings for Refrigeration and HVAC Systems

Category: Mbsmpro

written by [www.mbsm.pro](http://www.mbsm.pro) | 10 January 2026

What is it called



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Brass male flare union fittings are essential components in refrigeration and HVAC systems, providing reliable mechanical connections between flared copper tubes without the need for brazing. These brass flare unions support a wide operating temperature range and are widely used for service connections, line extensions, and removable joints in air-conditioning and refrigeration installations.

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## Electrical unit conversion reference table: HP to watts, KVA to amps, tons

# refrigeration to kW

Category: Global Electric

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1 HP	746 WATT
1 AMPS	240 WATT, {V=240}
1 HW	1000 WATT
1 KW	0.746 KW
1 KVA	1.74 AMPS, {P.F=0.8}
1 AMPS	0.8 KW
1 KW	0.24 KW, [V=240]
1 KW	1.25 KVA
1 UNITS	1.341 HP
1 UNITS	0.7188 KVA [V=415]
1 GΩ	1 KWH
1 kΩ	1000 WATTS
1 KW	1000 WH
1 WATT	0.001 KVA
1 kΩ	1000 Ω
1 kΩ	1000 kΩ
1 M	100,000 Ω
1 Ω	1.001 KW
1 KVA	1.391 AMPS
1 TON	3.517 KW
1 KVA	1000 VA
1 M	1.74 AMPS
1 kΩ	1000 Ω
1 kΩ	1000 kΩ
1 Ω	0.000001 MΩ
1 KVA	1.391 AMPS
1 TON	3.517 KW
1 KVA	1000 VA



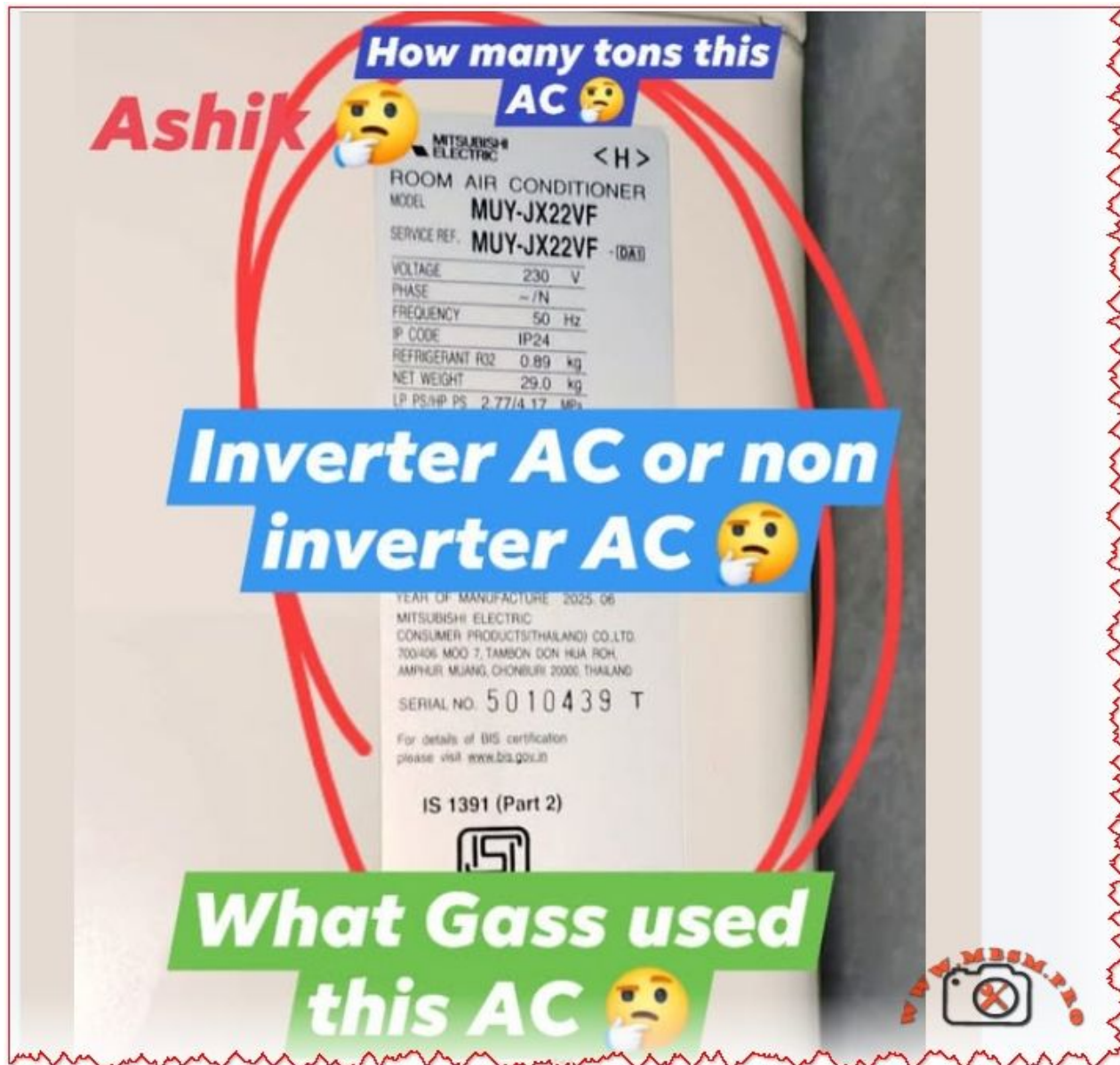
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Electrical unit conversions are essential knowledge for HVAC technicians and refrigeration engineers. This comprehensive reference guide provides quick access to conversion formulas, technical specifications, and practical examples for comparing power ratings, calculating system requirements, and optimizing equipment selection across different measurement standards.

# Mitsubishi Ashiki MUY-JX22VF electrical technical data interpretation

Category: air conditioner

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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

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## Model : Inverter AC

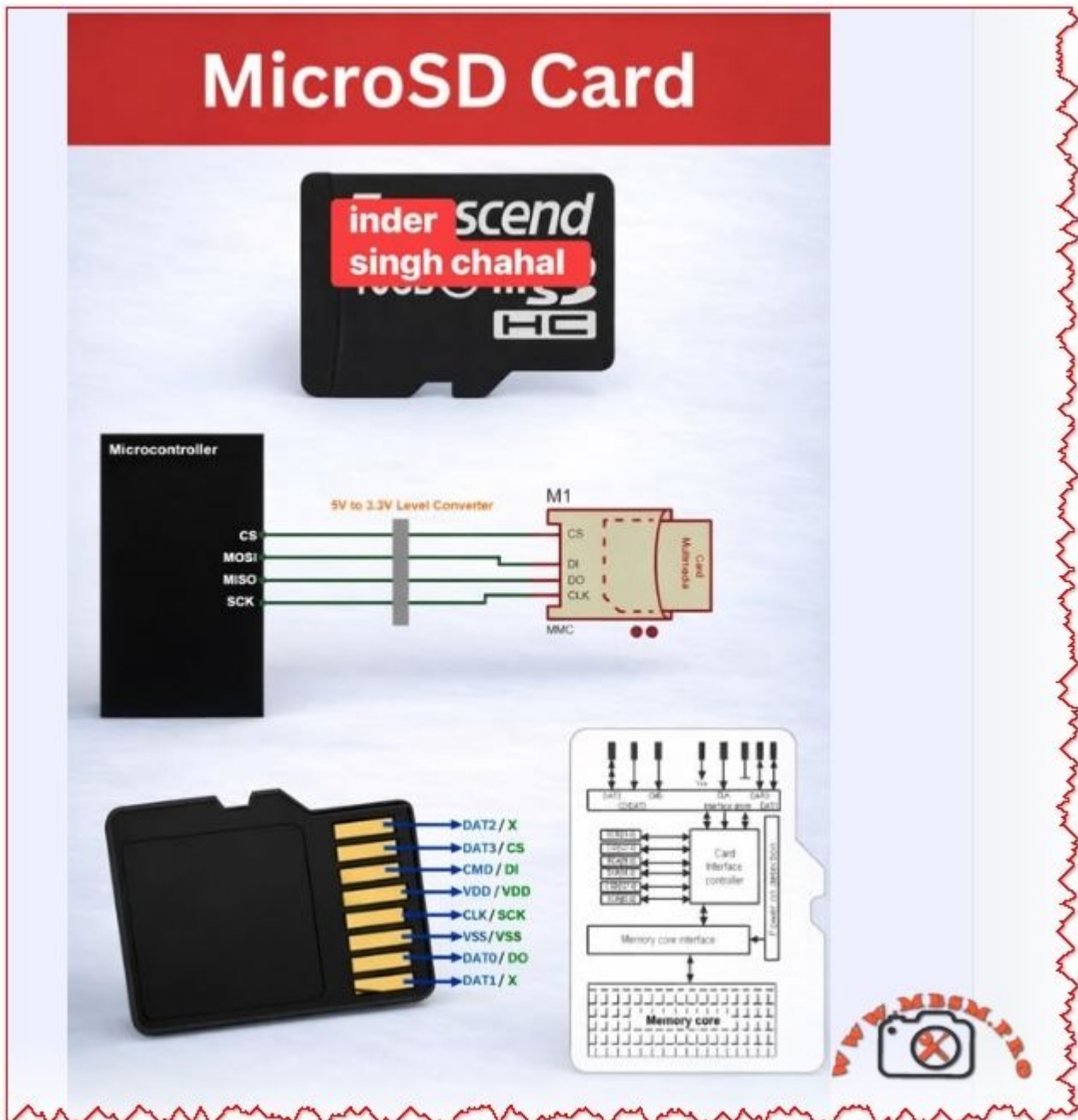
Error Code	Faults
E1	Room Temperature sensor faulty
E2	Outdoor coil temperature sensor fault
E3	Indoor coil temperature sensor fault
E4	Indoor fan motor or DC Motor feedback fault
E5	Indoor & Outdoor communication error
E6	Sliding door fault
E8	Display board and main control board communication error
E9	Humidity sensor failure
EA	Indoor fan zero crossing detection fault
Eb	Indoor EEPROM fault
F0	Outdoor DC Fan motor fault
F1	IPM modular fault
F2	PFC modular fault
F3	Compressor operation fault
F4	Exhaust temperature sensor fault
F5	Compressor top cover protection
F6	Outdoor ambient temperature sensor fault
F7	Over / under voltage protection
F8	Outdoor modular communication fault
F9	Outdoor EEPROM fault
FA	Suction temperature sensor fault
Fb	Indoor DC motor fault (Floor standing)
FC	Four way valve switching fault
Fd	Outdoor fan zero crossing detection fault
P2	High voltage protection
P3	Lack of fluid protection
P4	Outdoor coil prevent overload protection
P5	Exhaust protection
P6	Protection from high temperature
P7	Anti freezing protection

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

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[Mbsmpro.com](http://Mbsmpro.com), MicroSD Interface, SPI Wiring, CS MOSI MISO SCK, 3.3V Level

# Typical forward voltages vary by LED color

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[Mbsmpro.com](http://Mbsmpro.com), LED Forward Voltage Chart, Red Green Blue White Yellow Orange, Vf Ranges, Resistor Calculation, Driver Selection

# LM317 Voltage Regulator

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

# AMS1117 Voltage Regulator

Category: Equipment

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## IC REGULATOR – AMS1117



Adjustable Voltage Version



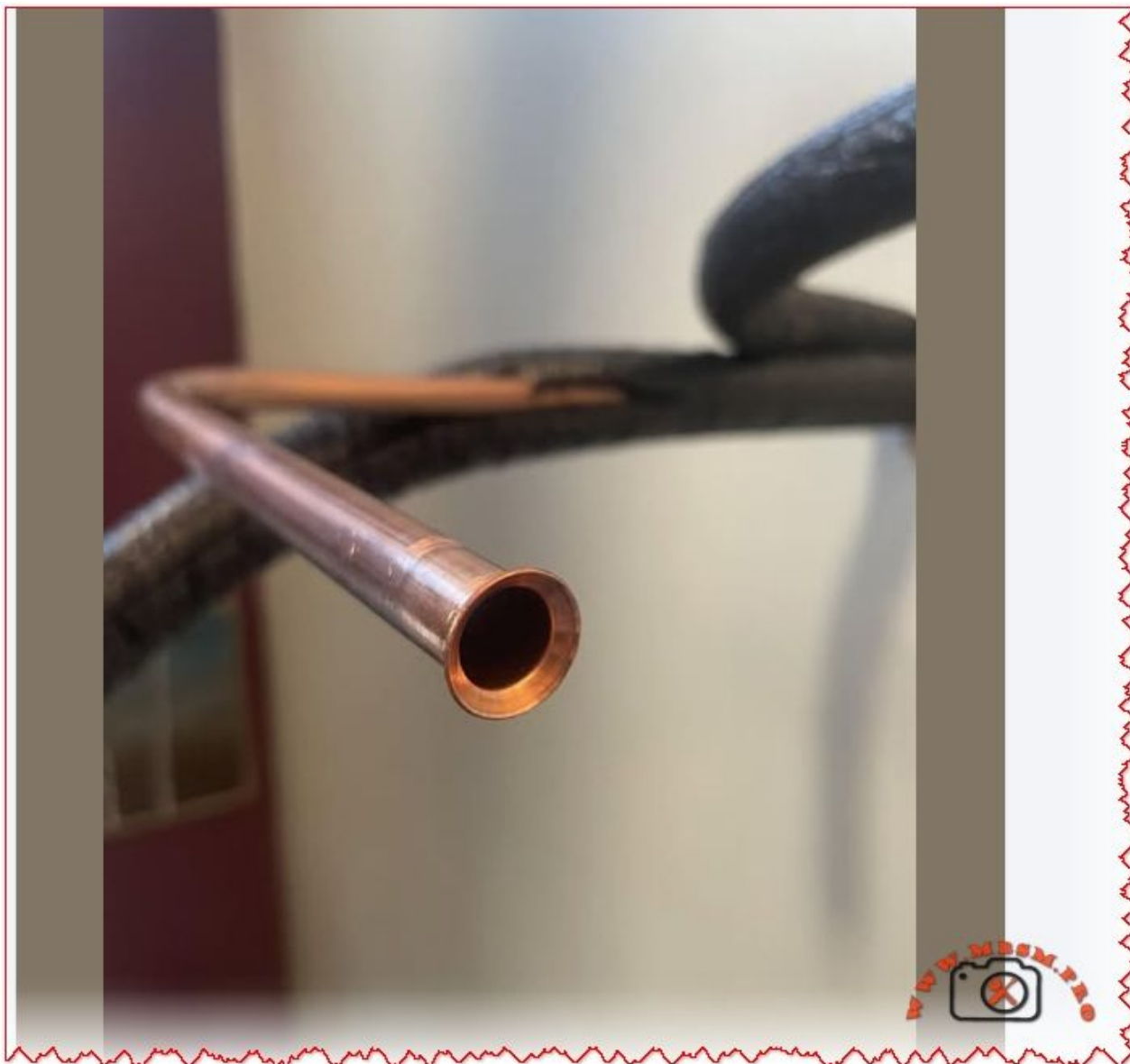
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Mbsmpro.com, AMS1117 Voltage Regulator, Common Mistakes, Thermal Design, 1.2V–5.0V, Decoupling, Layout, Alternatives

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

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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