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

Category: Global Electric
written by www.mbsm.pro | 9 January 2026

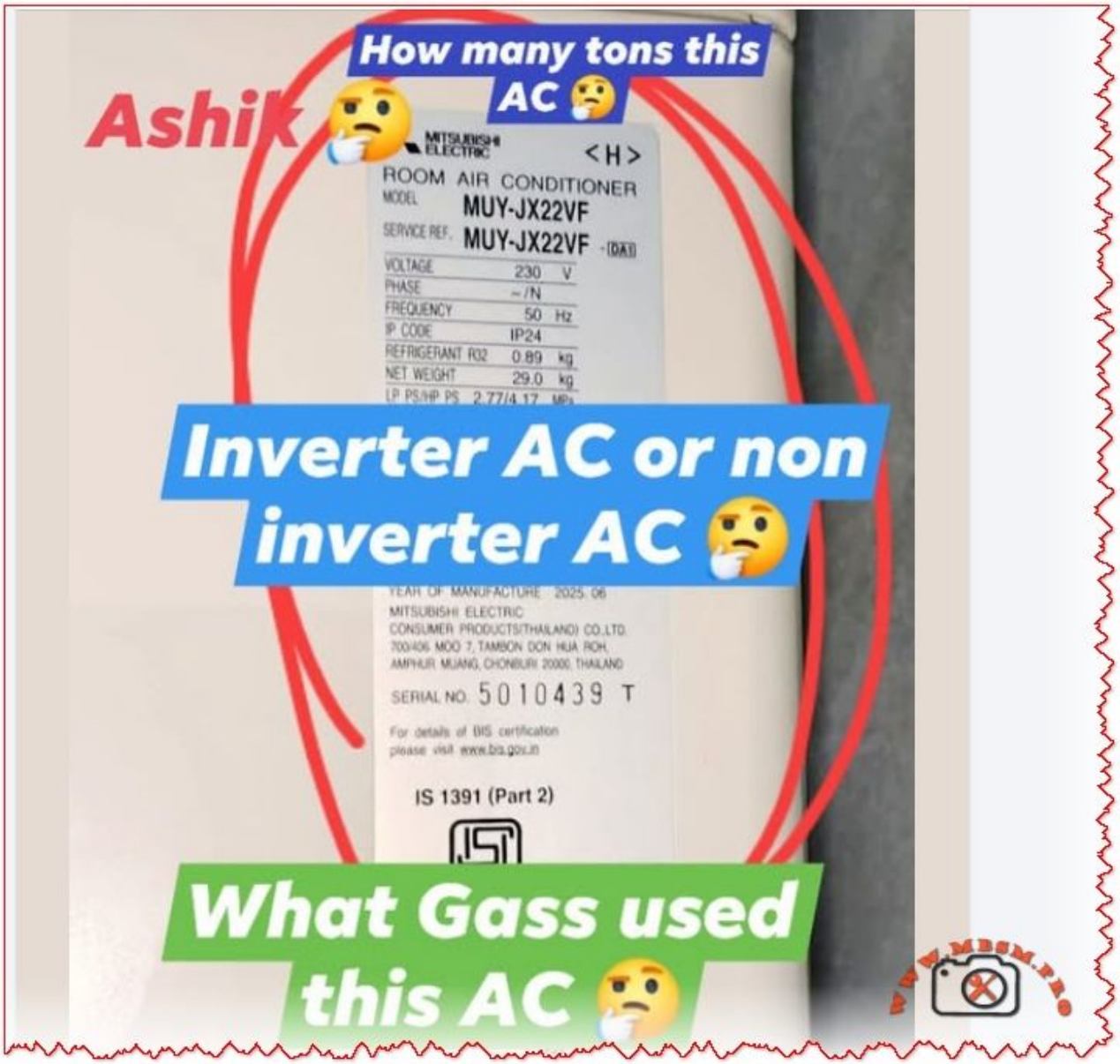
1 HP	746 WATT
1 AMPS	240 WATT, {V=240}
1 HW	1000 WATT
1 KW	0.746 KW
1 KVA	1.74 AMPS, {P.F=0.8}
1 AMPS	0.8 KW
1 KW	0.24 KW, [V=240]
1 KW	1.25 KVA
1 UNITS	1.341 HP
1 UNITS	0.7188 KVA [V=415]
1 GΩ	1 KWH
1 kΩ	1000 WATTS
1 KW	1000 WH
1 WATT	0.001 KVA
1 kΩ	1000 Ω
1 kΩ	1000 kΩ
1 M	100,000 Ω
1 Ω	1.001 KW
1 KVA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

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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.