

# **NOCT-27545 & NRVT35-275 Tool Guide**

Category: Equipment

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 8, 2026



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.

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## **DIY 1000W AC Voltage Regulator, BT136 TRIAC**

Category: Electronic

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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.

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## **Danfoss hermetic compressors capillary**

## sizing chart

Category: Refrigeration

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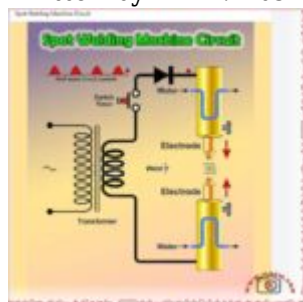
| DENFOSS COMPRESSOR |                |        |             |                |
|--------------------|----------------|--------|-------------|----------------|
| Gauging Length     | Capacity (SCF) | Oil    | Refrigerant | Compressor Fit |
| 4 Feet             | 0.286          | 150 cc | 1/14        | TL2A           |
| 4 Feet             | 0.286          | 150 cc | 1/12        | TL2 SA         |
| 4 Feet             | 0.286          | 150 cc | 1/12        | TL2 DS         |
| 4 Feet             | 0.286          | 150 cc | 1/14        | PW0A SK7       |
| 6 Feet             | 0.286          | 175 cc | 1/16        | PW0A SK7       |
| 6 Feet             | 0.286          | 175 cc | 1/16        | TL3B           |
| 7.5 Feet           | 0.286          | 200 cc | 5/16        | TL4A           |
| 7.5 Feet           | 0.286          | 200 cc | 5/16        | PW0A SK9       |
| 7.5 Feet           | 0.286          | 200 cc | 5/16        | PW0A SK9       |
| 7.5 Feet           | 0.286          | 200 cc | 5/16        | PW0A SK11      |
| 7.5 Feet           | 0.311          | 200 cc | 5/16        | TL5A SK7       |
| 7.5 Feet           | 0.311          | 200 cc | 5/16        | TL5A           |
| 7.5 Feet           | 0.311          | 200 cc | 5/16        | PW0A SK9       |
| 9 Feet             | 0.311          | 250 cc | 5/16        | PW0A SK9       |
| 9 Feet             | 0.311          | 250 cc | 5/16        | TL6SA2         |
| 10 Feet            | 0.311          | 275 cc | 5/8         | F100B          |
| 10 Feet            | 0.311          | 275 cc | 5/8         | F107 SA        |
| 10 Feet            | 0.311          | 300 cc | 5/8         | F107 DS        |
| 10 Feet            | 0.311          | 300 cc | 5/8         | F107 SA        |

Technicians match Danfoss compressors to systems using precise capillary tube lengths from 4 to 10 feet, paired with specific oil charges like 150 ml for 1/12 HP models. Capillary numbers 0.26 to 0.31 ensure optimal refrigerant flow in LBP setups.

## Spot Welding Machine Circuit

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Fabricators rely on the classic spot welding machine circuit featuring a half-wave rectifier for reliable AC-to-DC conversion. A heavy-duty step-down transformer boosts current for nugget formation, while an adjustable timer controls squeeze, weld, and hold phases precisely.

# Mitsubishi Electric PUHY-P250YKH-TH

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The Mitsubishi Electric PUHY-P250YKH-TH stands out as a powerful 25HP outdoor unit in the City Multi VRF series, designed for large-scale commercial HVAC applications. Featuring R410A refrigerant, it delivers 22.4 kW nominal cooling and 25.0 kW heating capacity with top-tier efficiency.

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## [Compressor, FN66Q11G, 1/6 hp](#)

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The Matsushita FN66Q11G is a highly reliable 1/6 hp reciprocating compressor designed for low back pressure applications. Operating on 220-240V at 50Hz, this R12-based unit was manufactured in Singapore and is known for its long-lasting performance in domestic refrigerators. Learn about its cooling capacity, amperage, and modern replacement options in this comprehensive technical guide.

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## [Copeland CS16K6E-PFZ-155 Compressor](#)

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The Copeland CS16K6E-PFZ-155 is a high-efficiency hermetic reciprocating compressor designed for commercial refrigeration. Operating at 220-240V and 50Hz, this 1.25 HP powerhouse is optimized for R404A and R507 refrigerants. Known for its durability in medium-temperature applications, it features POE oil and thermal protection, making it a reliable choice for cold rooms and professional cooling systems.

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## **Compressor, LG, BMH089NHMV, 1/4 hp**

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The LG BMH089NHMV is a 1/4 HP inverter compressor utilizing R600a refrigerant for high-efficiency refrigeration. With a variable speed range of 60-225 Hz and a displacement of 8.9 cc/rev, this BLDC motor unit provides precise cooling capacity up to 188W, making it ideal for modern household and commercial LBP applications.

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## **Compressor, Embraco, PW 5.5 K11W, 1/6 hp**

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The Embraco PW 5.5 K11W is a 1/6 HP Low Back Pressure (LBP) compressor designed for R12 refrigeration systems. Known for its reliability and dual-frequency 50/60Hz operation, this Brazilian-made unit delivers 133W of cooling capacity. Explore our deep dive into its electrical specifications, performance tables, and comparison with modern HVAC cooling alternatives.

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# Embraco EGAS70HLC Compressor

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