

# EVCIS-24K-MD, The gas r410a charge weight is approximately 1.80 kg

Category: Air Conditioner

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 29, 2026



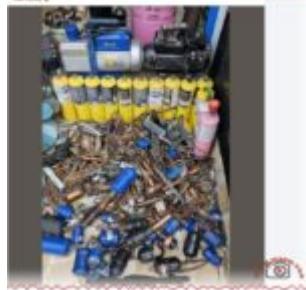
The Evvoli EVCIS-24K-MD is a robust 2.5 HP rotary compressor designed for 24,000 BTU split-type air conditioners. Running on R410A refrigerant with a 20.0A rated current, it offers high-efficiency cooling and heating (26,000 BTU). This technical guide explores its pressure limits, electrical requirements, and the best replacement compressors for HVAC professionals and field workers.

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## Free money Copper

Category: Mbsmpro

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In the world of refrigeration maintenance, a pile of discarded components tells a story of hard work and technical precision. Every replaced filter drier represents a saved compressor, and every vacuum pump represents a system brought down to perfect microns. This guide explores the technical value behind HVAC scrap and the essential tools used in the trade.

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## 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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## Refrigerants, Standing, Suction and Discharge Pressures for Modern HVAC Systems

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Table 1: Typical Standing, Suction and Discharge Pressures for Modern HVAC Systems						
Refrigerant	Temperature (°F)	Standing Pressure (PSI)	Suction Pressure (PSI)	Discharge Pressure (PSI)	Boiling Point (°F)	Specific Gravity
R22	100°F	300 psig	200 psig	300 psig	104°F	1.06
R134a	100°F	120 psig	100 psig	120 psig	109°F	1.06
R32	100°F	180 psig	160 psig	180 psig	109°F	1.06
R404A	100°F	200 psig	180 psig	200 psig	109°F	1.06
R407C	100°F	200 psig	180 psig	200 psig	109°F	1.06
R410A	100°F	200 psig	180 psig	200 psig	109°F	1.06
R290	100°F	100 psig	80 psig	100 psig	109°F	1.06
R600a	100°F	100 psig	80 psig	100 psig	109°F	1.06
R417A	100°F	100 psig	80 psig	100 psig	109°F	1.06

Explore a practical refrigerant pressure chart with typical standing, suction and discharge pressures plus boiling points for R22, R134a, R32, R404A, R407C, R410A, R290, R600a and R417A.