

# [Frascold Z40-154Y](#)

Category: Refrigeration

written by [www.mbsmpro.com](http://www.mbsmpro.com) | December 23, 2025



The photos capture a heavy-duty Frascold Z40-154Y semi-hermetic compressor, an Italian 40 HP unit designed for demanding freezer and cold-room applications. Its nameplate shows a displacement of about 154 m<sup>3</sup>/h and robust pressure ratings, while the blue cast-iron body and mounted controls reveal a machine built for long-term industrial refrigeration service.

---

# [Copeland-15hp](#)

Category: Refrigeration

written by [www.mbsmpro.com](http://www.mbsmpro.com) | December 23, 2025



The photos show a Copeland condensing unit on a steel base, with a semi-hermetic compressor, air-cooled condenser and vertical liquid receiver designed for cold room applications. This type of refrigeration unit is widely used in commercial food storage because it delivers stable temperature control, good energy efficiency and straightforward maintenance for professional technicians.

---

# [FFI10HAK-FFI10HAKW](#)

Category: Refrigeration

written by [www.mbsmpro.com](http://www.mbsmpro.com) | December 23, 2025



The Embraco FFI10HAKW is a hermetic reciprocating compressor designed for low and medium back pressure refrigeration systems operating on R134a. It runs on 220-230 V, 50/60 Hz single-phase power and delivers roughly 1/3 HP from a 9.04 cm<sup>3</sup> displacement, making it ideal for beverage coolers and small commercial display cabinets.

---

## Zener Diode Series 1N746 to 1N5369

### Overview

Category: Electronic

written by [www.mbsmpro.com](http://www.mbsmpro.com) | December 23, 2025

A detailed chart listing Zener diode part numbers and their corresponding voltage ratings. The chart is organized into columns and rows, showing a wide range of diode models from 1N746 to 1N5369 and their respective voltage specifications.

Zener diodes are essential components in voltage regulation and protection circuits. This guide provides a detailed overview of three popular power ratings: 0.5W, 1W, and 5W Zener diode series, covering part numbers from 1N746 to 1N5369 and voltage ranges from 3.3V to 100V. Whether you're designing a power supply, voltage reference, or surge protection circuit, having a complete voltage chart at your fingertips is invaluable for selecting the right component.

---

## SCE SCOOP

Category: Refrigeration

written by [www.mbsmpro.com](http://www.mbsmpro.com) | December 23, 2025



Understanding the inner workings of a Secop SCE hermetic compressor is essential for any refrigeration technician or engineer. This comprehensive guide breaks down the complex internal components—from the crankshaft to the valve plate—providing a detailed exploded view. Whether you are troubleshooting or studying mechanical design, our professional analysis offers the clarity needed for modern cooling systems.

---

## [Mbsmpro, Pdf, Convert LRA to Cooling Tons](#)

Category: Pdf

written by [www.mbsmpro.com](http://www.mbsmpro.com) | December 23, 2025



A Practical Guide: Convert LRA to Cooling Tons in HVAC Systems

---

[R134a compressor, 1/3 HP, LBP, commercial refrigeration, domestic freezer, cooling capacity, COP, mbsm.pro, mbsmgroup.tn, mbsmgroup, mbsmpro, mbsmpro.com, Siberia, Panasonic, Embraco, Secop,](#)

# Tecumseh, Donper, Cubigel, Zero, ZMC, Samsung

Category: Refrigeration

written by [www.mbsmpro.com](http://www.mbsmpro.com) | December 23, 2025



A technical comparison of the 10 best LBP R134a compressors (1/3 HP) for professional refrigeration and freezing applications—complete with specs, cooling capacities, and application tips.