

[Tecumseh CAJ9480T: The French-Made Heart of Legacy R22 Cold Rooms](#)

Category: Refrigeration

written by www.mbsmpro.com | December 24, 2025



On the faded nameplate of this weathered compressor shell, one line stands out with absolute clarity: CAJ9480T - R22/R502 - Made in France. It is the unmistakable signature of a Tecumseh L'Unité Hermétique fully hermetic compressor, a workhorse still beating quietly inside countless small cold rooms and refrigerated cabinets in everyday commercial settings.

[Replacing Unionaire Sensors with Kiriazi Deep Freezer Probes: What Technicians Must Check First](#)

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The picture shows a refrigeration technician holding several tubular temperature probes and a small white connector in front of a heavily frosted evaporator, capturing the exact moment of diagnosing a sensor fault in a no-frost fridge or deep freezer. This real-world scene raises a key question: can Unionaire sensors be safely replaced with Kiriazi probes?

[Frascold D2-15Y / D2-15.1Y](#)

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The Frascold D2 15Y is a semi-hermetic reciprocating compressor designed for commercial and industrial refrigeration. With a 2 HP motor and 15.4 m³/h displacement, it delivers around 6-7 kW of cooling capacity using R404A, R448A or R449A, making it a robust option for low and medium temperature applications.

[Frascold Z40-154Y](#)

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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 m³/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](#)

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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

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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 cm³ displacement, making it ideal for beverage coolers and small commercial display cabinets.

SCE SCOOP

Category: Refrigeration

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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.com, ZB38, 5HP, R404, MBP](#)

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ZB38 5HP R404A MBP scroll compressor has become a reference point in medium-temperature commercial refrigeration, providing a compact, efficient and reliable heart for cold rooms, display cabinets and food service equipment worldwide. This article explores how it works, where it fits best and what technicians should verify before installing or replacing this type of compressor.

[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

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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.

[Winter Company](#)

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WINTER
REFRIGERATION





6th of October City (2), Giza Governorate | 2024.08.05 17:16

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  WINTERREFRIGERATION



 **WINTER**
REFRIGERATION



WINTER BLUE
Vertical Liquid Receiver
Model: 10000-100-10
Refrigerant: R134a
Capacity: 10000 L
Weight: 100 kg
Height: 1000 mm
CE 0020

WINTER BLUE
Vertical Liquid Receiver
Model: 10000-100-10
Refrigerant: R134a
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WINTER
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Winter Company for Refrigeration offers all refrigeration accessories sourced from top international brands including blue. Located in 6th of October City, Industrial Zone 2, Hamada Street, the company welcomes visits to explore their wide range of products. They can be contacted via phone numbers 01060032262, 01022856319, and 0155 522 6348 for inquiries and support.

Winter specializes in supplying high-quality refrigeration compressors, cooling units, and complete refrigeration packages for industrial and commercial use. Their products meet international standards for reliability and energy efficiency. The company has extensive experience servicing refrigeration systems in Egypt, especially within industrial zones.

Customers can rely on Winter for both product supply and technical maintenance support, making it a prominent choice in refrigeration solutions in the region. For detailed product specifications or tailored solutions, direct contact or visits to the company's location are recommended, ensuring personalized service and expert advice.

This company is part of a global network that provides industrial refrigeration solutions, including ammonia and CO2-based systems with a focus on environmental protection and efficient cooling technology. [winter-kaeltetechnik+2](#)

In summary, Winter Company offers trusted refrigeration products and services ideal for various refrigeration needs in Egypt's industrial sectors, backed by internationally certified products and expert technical support.

1. <https://www.fortender.com/vendors/profiles/winter-air-conditioning-refrigeration-llc>
2. <https://ae.linkedin.com/company/winter-refrigeration>
3. <https://www.winter-kaeltetechnik.com/index-en.html>
4. <https://www.winter-company.com/en/contact/>
5. <https://www.facebook.com/groups/402355509267067/>
6. <https://www.facebook.com/p/Winter-refrigeration-100079267262555/>

Www.mbsprou.com Informations Pub

Name: Winter Company

Phone: 01060032262, 01022856319, and 0155 522 6348

Address: 6th of October City

Country: Egypt's industrial sectors

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