Changing Filter 1/5 Hp

Category: Refrigeration
written by www.mbsm.pro | 13 April 2026



Step-by-step guide to changing a 1/5 HP filter: unplug, relieve pressure, twist-lock removal, and the “grey water” trick for water filters. Avoid spray backs and ensure a clean swap

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1/5 HP Compressor oil change: How much and how to do it right

Category: Refrigeration
written by www.mbsm.pro | 13 April 2026



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Learn the exact 1/5 HP compressor oil change process: 200–250 ml oil quantity, POE oil type for R134a, and vacuum-based recharge. Avoid oil logging and diagnose motor condition by inspecting old oil.

Can the GL80 compressor be installed in place of the GL90?

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The main difference is the winding material: the GL80 uses aluminum coils, while the GL70 uses copper. Performance-wise, the GL80 is suitable for an upright deep freezer, whereas the GL70 is best for a 12ft double-door refrigerator

“The technical difference between the two compressors, manufactured by ZEM or ACC, lies primarily in the horsepower (HP) and displacement volume:

GL80: Has a slightly lower capacity, rated at approximately 1/5 HP

GL90: Typically rated at 1/4 HP (or equivalent, depending on the specific model

Technical Conclusion: Compressor

Interchanges

1. Replacing GL80 by GL90 yes
2. Replacing GL90 by GL80 non
3. Replacing GL80 by GL70 non
4. Replacing GL70 by GL80 yes



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The process of replacing the air conditioner compressor is successful, and it is working as it was before ?

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“The process of replacing the air conditioner compressor is successful, and it is working as it was before.”
Alternatively, if you are asking whether the process *is* viable, it can be translated as: **“Is replacing the air conditioner compressor effective, and will it work as well as it did before?”**

Key Points regarding Compressor Replacement:

If you are considering this repair, here are a few things to keep in mind to ensure it works “as it was”:

- **Matching Specifications:** The new compressor must have the exact same cooling capacity (BTU) and electrical specifications as the original.
- **System Flushing:** It is vital to flush the refrigerant lines to remove any contaminants or burnt oil from the old compressor; otherwise, the new one may fail quickly.
- **Vacuuming:** A deep vacuum must be pulled on the system to remove moisture before recharging with gas.
- **Cost-Benefit:** Since the compressor is the “heart” of the AC, the repair can be expensive. If the unit is more than 10 years old, it is often more cost-effective to replace the entire unit.



A problem with a Brand refrigerator: ice forms, it makes a noise, and it stops cooling

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The issues you are experiencing with your Brandt refrigerator (ice buildup, unusual noise, and poor cooling) indicate a failure in the No Frost defrost system. Since a specialist was unable to fix it, the fault may have been misdiagnosed.

The refrigerator has a problem, it works for a minute and then shuts off

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Our technical investigation revealed a dual issue. The system was suffering from a **restricted filter drier**, causing a blockage that choked the cooling cycle. This strain had also compromised the motor’s starting components.

Technical Specifications

Feature	Specification
Model	S65CZ1
Brand	Panasonic
Refrigerant	**R134a**
Power Supply	220-240V / 50Hz
Cooling Capacity	Approximately **165W** (at ASHRAE conditions)
Horsepower	**1/5 HP**
Displacement	6.5 cm3
Motor Type	RSIR (Resistive Start-Inductive Run)



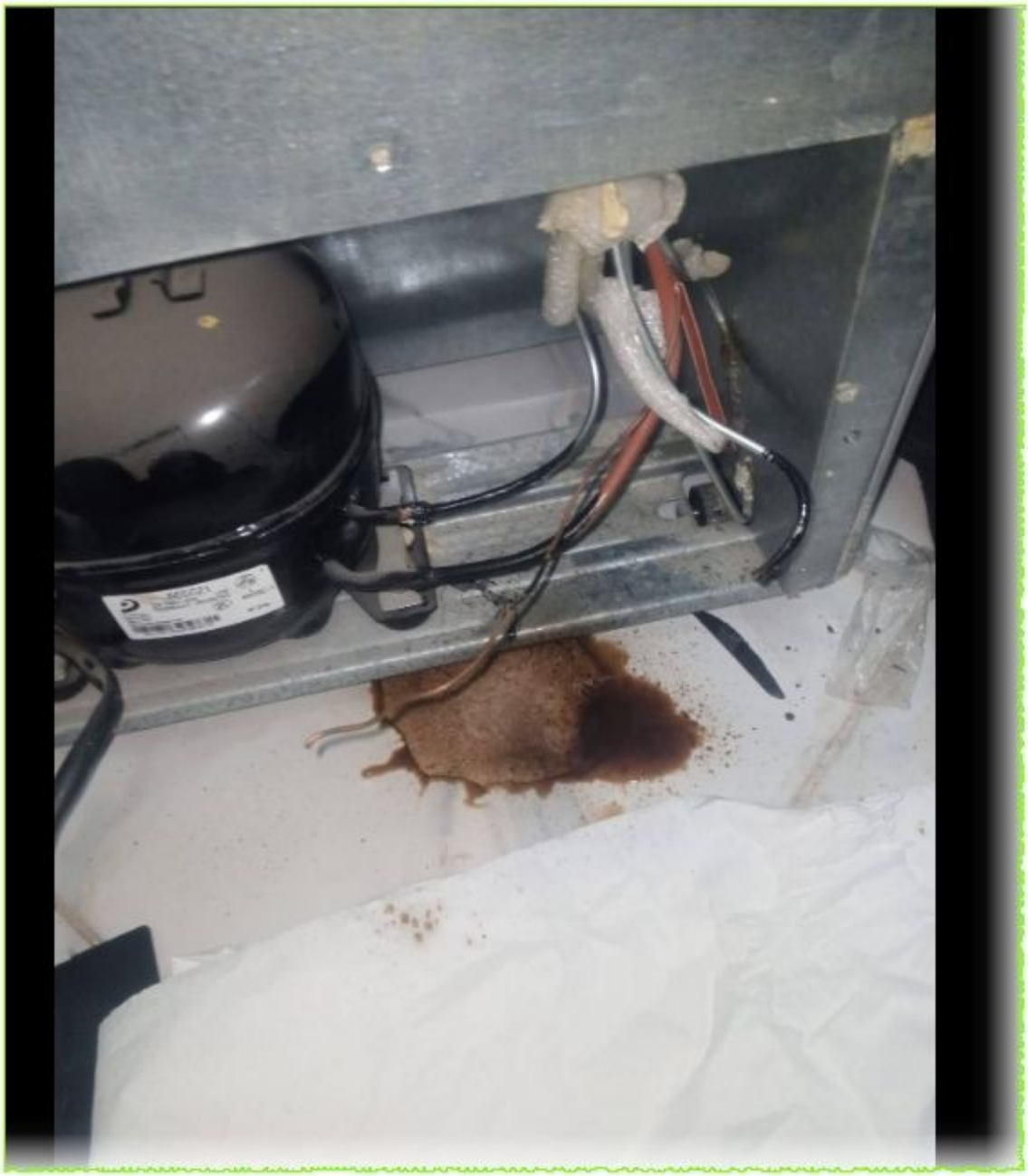
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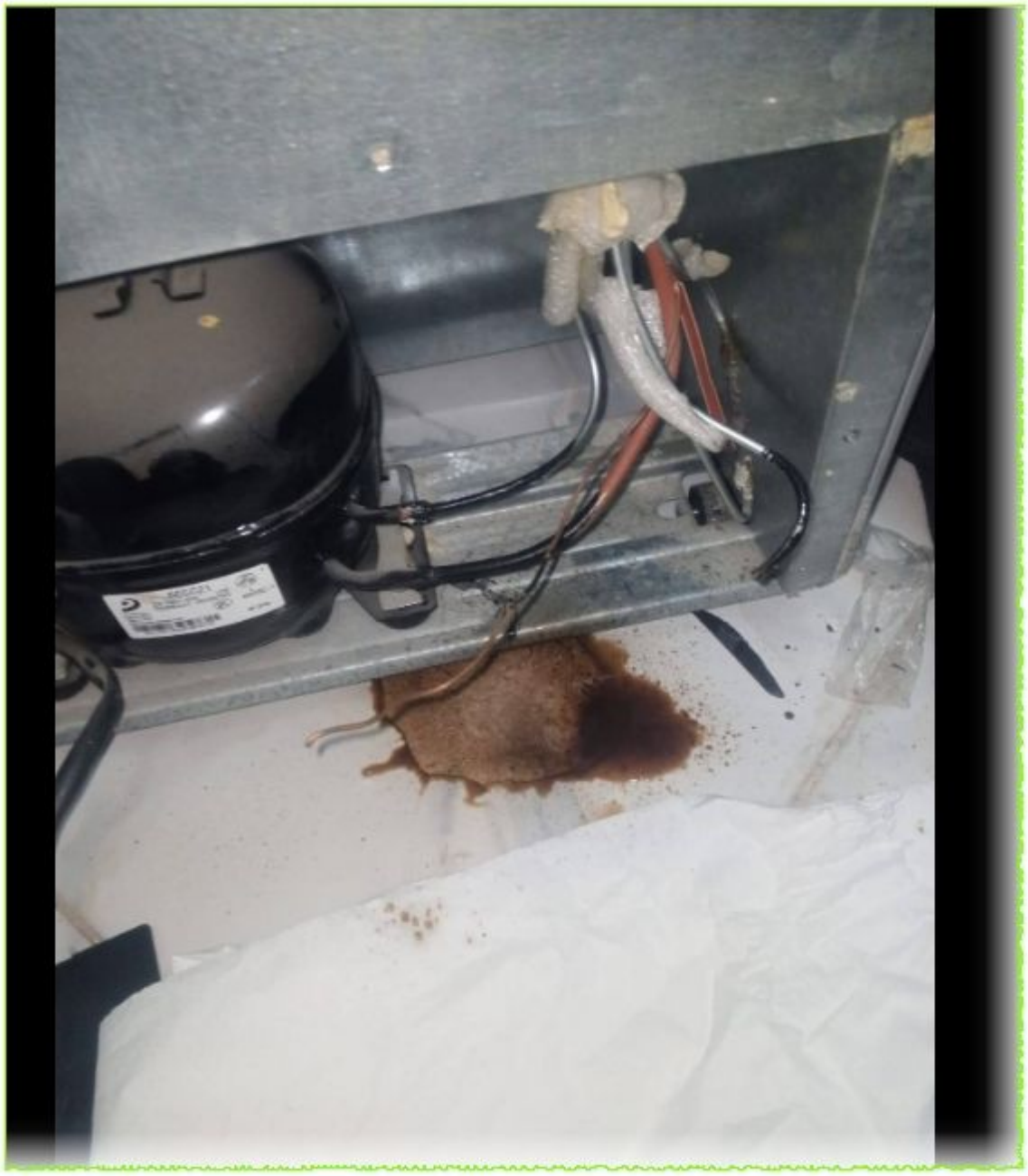
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Our intervention included:

- **System Clearing:** Replacing the clogged filter to allow the refrigerant to flow freely once again.
- **Electrical Upgrade:** Installing a brand-new high-quality “Starting Kit” (Relay/Overload) to ensure the compressor starts smoothly every time.
- **The Mbsmpro Promise:** We don’t just fix; we provide peace of mind. This repair is backed by a **full 6-month warranty**.

Danfoss Secop SLV15CNK / SLV15CNK.2 – Complete Technical Review &

Replacement Guide

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The Danfoss Secop SLV15CNK is a variable-speed LBP hermetic compressor running on R290 propane refrigerant, designed exclusively for commercial freezing applications. With a 15.28 cm³ displacement, permanent magnet TRI motor, and mandatory SLV electronic controller, it powers chest freezers and display cases across retail worldwide — including AHT deep freezer cabinets.

Compressor, KCE444HAG, 3/8 HP, Copeland, R-134a, 1077 W, 2.2 A, 230V, HBP, CSCR, High Temp

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Field data and technical breakdown of the Emerson Copeland KCE444HAG 3/8 HP commercial refrigeration compressor, including performance charts and direct replacement options.

Compressor, EMI 62UHR, 1/5 HP, Embraco, R134a, 140 W, 2.0 A, 127V, MBP, RSIR, Medium Back Pressure

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Technical breakdown of the Embraco EMI 62UHR (1/5 HP) used in Consul CRD34BBANA refrigerators. Specs cover R134a usage, 127V/60Hz electricals, and cross-reference units.

Embraco EGAS 100HLR Guide: Technical Specs & Field Replacements

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The Embraco EGAS 100HLR is a staple in domestic refrigeration. This guide provides the raw technical data and equivalent models for fast field swaps.