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

---

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

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

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?

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

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

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

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

“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

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

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.

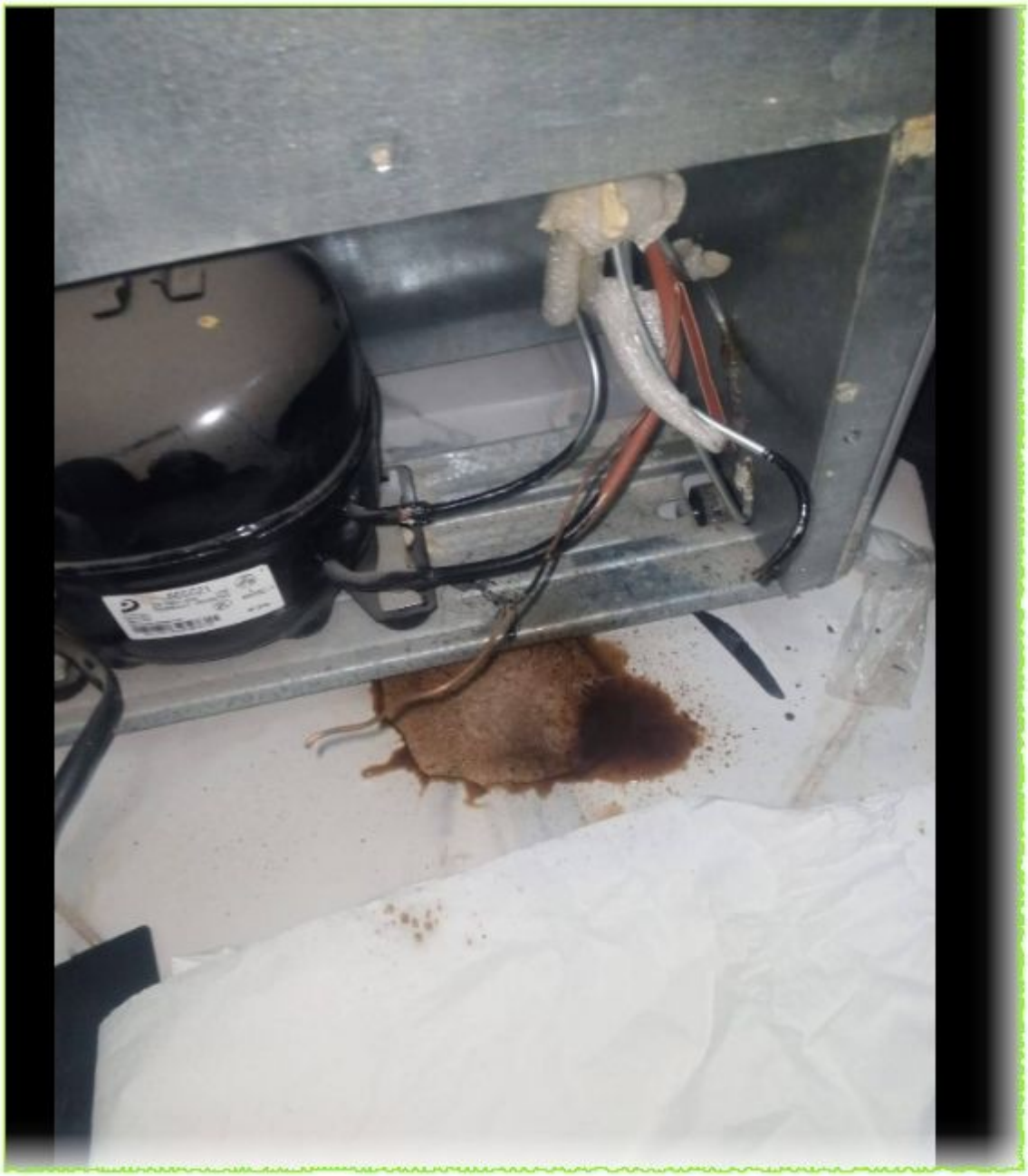
The refrigerator has a problem, it works for a minute and then shuts off

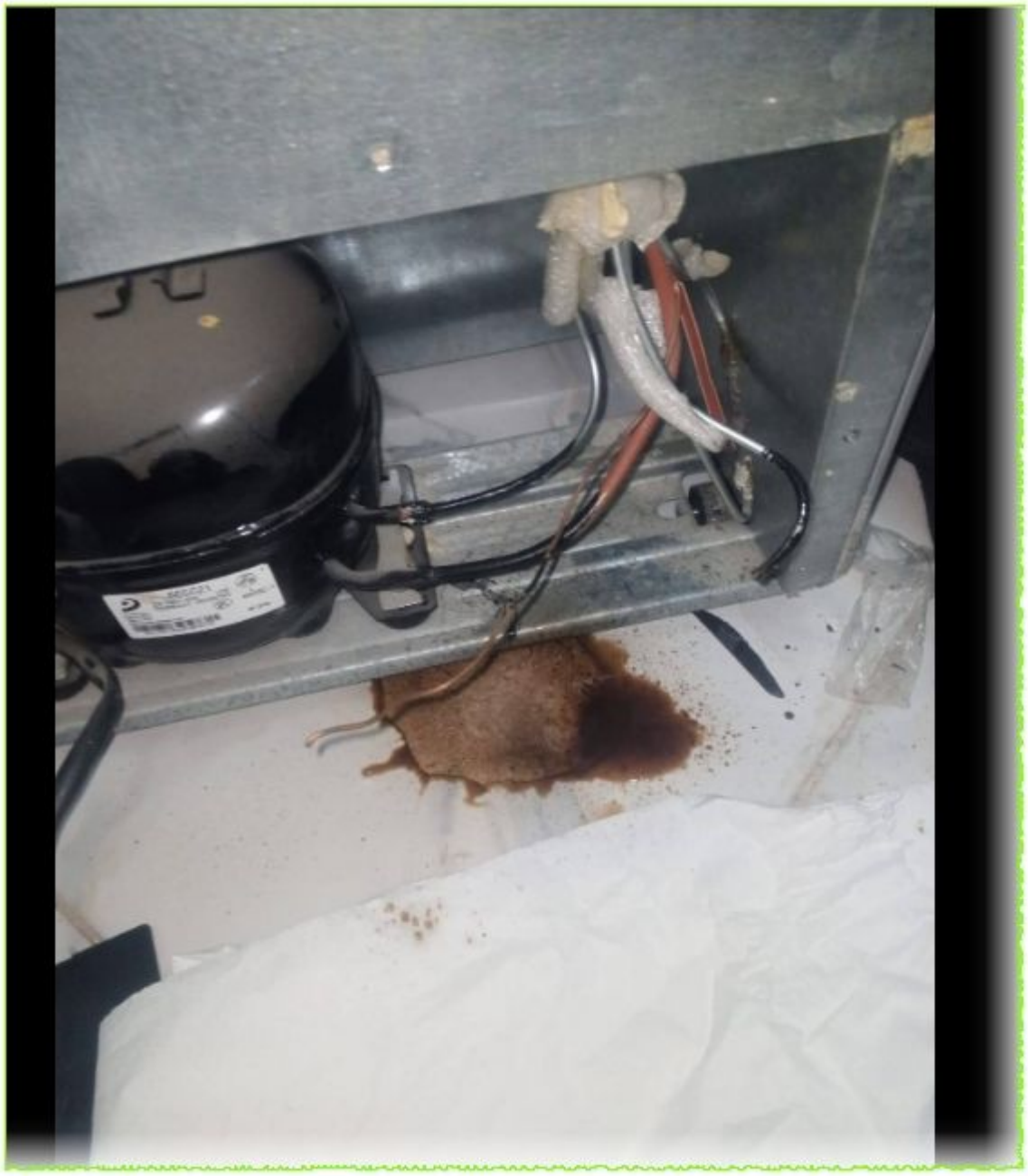
Category: Refrigeration
written by www.mbsm.pro | 13 April 2026

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)





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

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

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

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

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

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

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

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

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