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

Category: Refrigeration
written by www.mbsm.pro | 12 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

Private Picture Copyright : WWW.MBSM.PRO

Private Picture Copyright : WWW.MBSM.PRO