



## Noise Level for Outdoor Alfresco Area / Bar Fridges

Alfresco Area/ Outdoor-rated fridges typically have **slightly higher noise levels** than indoor fridges because:

- They use more robust compressors to deal with potentially higher ambient temperatures.
- Ventilation systems are stronger.

**Surfaces and echo can have some influence on the noise level which is not part of the manufacturing tolerance range.**

### Example:

Hard surfaces like brick walls, tiles, or metal fencing reflect sound and can make the fridge seem louder.

If the fridge is in a tight alcove, cabinet, or against a wall, the compressor noise can bounce around and be amplified.

Poor airflow can make the compressor and fan run harder and longer, increasing actual noise.

### TYPICAL RANGE

- **45–55 dB(A)** (normal operation)
- Some heavy-duty outdoor units may reach **up to 60 dB**
- (A typical **manufacturing tolerance** is about  $\pm 5$  dB for compressors systems).
- **45 dB spec → typical range:** Should be **45–50dB** Normal noise testing for an outdoor fridge is measured approx. **3m away from the fridge.**

### FOR COMPARISONS AND DESCRIPTION:

- **30 dB(A)** ≈ Whisper
- **40 dB(A)** ≈ Quiet library
- **50 dB(A)** ≈ Normal conversation