

## Electrical safety standards / Insulation classification

The motors used in hermetically sealed compressor units must operate in the presence of refrigerant and oil. International standards organisations state that these motors do not have to comply with insulation class requirements contained in CEI 335-1.

However, these are replaced by tests on compressors at maximum operating conditions (CEI 335-2-24 and CEI 335-2-34).

If used as conventional motors, they would be classified grade B (130 C) and the enamel used on the windings could be classified at least grade H.