

Electrical safety standards / Electrical safety

All compressors and condensing units manufactured by Tecumseh Europe are individually tested before dispatch.

Apart from operating tests, the following electrical safety checks are carried out:

- High voltage= single phase=1800 volts applied for 2 seconds
three phase=2300 volts applied for 2 seconds
- current leakage during operation = < 0.8 mA
- earth continuity = max impedance < 0.2 ohm.

Protection

All compressors made by Tecumseh Europe are protected either by an internal or external safety device, which operates on the principle of sensing both temperature and current.

Like all safety devices, it cuts the electrical supply when asked to function outside of its normal range: this should not be considered as a fault.

Where compressors or condensing units are fitted with an external safety device, always use the device provided.

With units fitted with an internal safety device, it may be necessary to wait over an hour after cutout before switching on again.