

## 2-wire connection

This is a method of connecting an AC variable voltage control unit to a motor. It is recognised as the easiest method. The capacitor is connected across the windings at the fan, so there is only a Live and Neutral connection to make on the controller, saving the number of wires required. The drawback is that the capacitor is therefore seeing a controlled waveform which leads to the motor running less efficiently, and slightly hotter.

