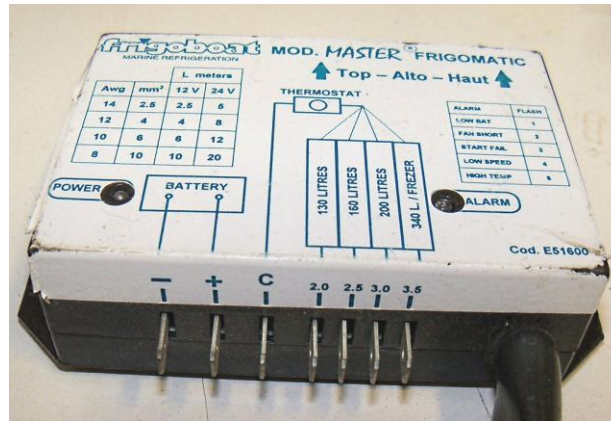


# Frigoboat *Master* Control Box



The *Master* control box was standard on Frigomatic systems that had AV35, AH35, Elba, and other condensing units. This item is in addition to the Danfoss controller that is physically connected to the compressor. The *Master* control box is now obsolete and replacements are unavailable.

The addition of this control box provides 4 functions:

1. Compressor speed control - Plugging one of the two thermostat wires onto the C terminal, and the other to either 2.0, 2.5, 3.0, or 3.5 terminals, gives a choice of four compressor speeds.
2. Automatic Two Speed Fan - When air temperature is lower, i.e. cool conditions, night time, etc., the fan runs slower. This is controlled by a temperature sensor attached to the condensing coil.
3. Power Indicating LED - When supply power is present, this green LED will be lit.
4. Troubleshooting LED - This will flash a sequence of one of five possible fault conditions;

- 1 Flash - Low Voltage
- 2 Flashes - Bad Fan or Pump Relay
- 3 Flashes - Compressor Non-Start
- 4 Flashes - Compressor Faulty
- 5 Flashes - Electronic Overload

Comprehensive explanations of these fault codes can be found elsewhere in Frigoboat Troubleshooting Guides

## Wiring Schematic

