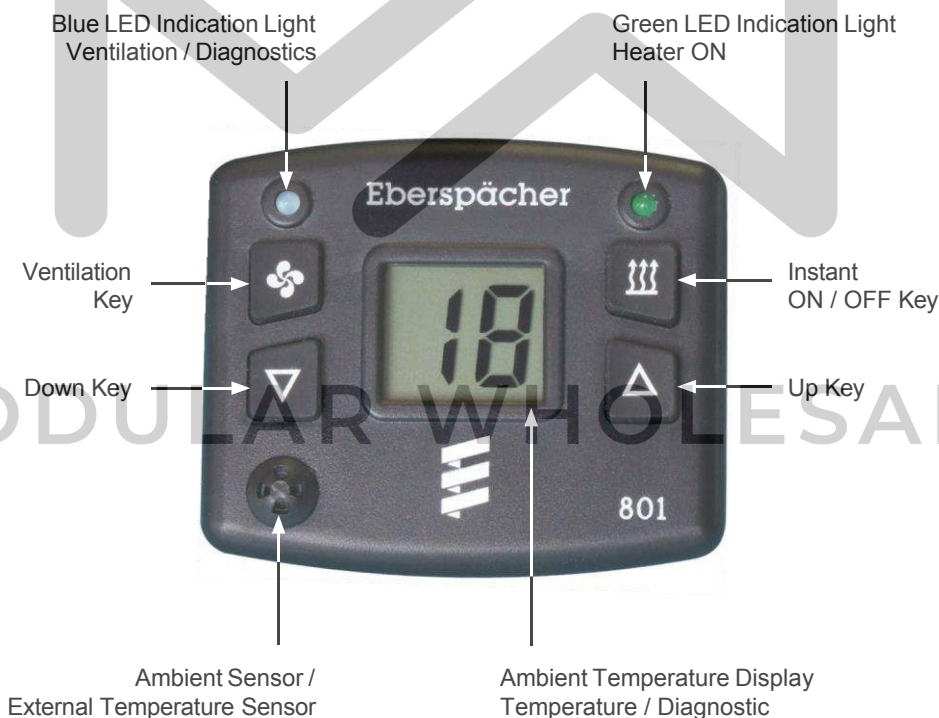


801 Series Digital Modulator

Operating Instructions Eberspächer Airtronic Heater.



How to Operate the Heater and 801 Series Modulator



Part Number: 801 10 001

Modulator with Diagnostic Readout Instructions (1 hour run)

Part Number: 801 10 003

Modulator with Diagnostic Readout Instructions

Introduction

The 801 Modulator offers manual control and digital temperature adjustment of your Airtronic heater.

Switching on the Heater (Manually)


Press the  key and 'ON' will briefly appear on the display. The heater will commence its start up cycle.

Also, the green LED 'Heater ON' indication light will illuminate and the display will now revert to show ambient temperature (°C).

Note: The 801 10 001 version will only run for a maximum period of 1 hour.



The ambient display temperature range is from -9°C to +59°C.



Switching off the Heater (Manually)

The heater may be switched off at any time by pressing the  key.

The heater cooling down cycle of 3 minutes will then be initiated. Wait for blower fan to stop before isolating batteries (if isolator is fitted).


Adjusting the Temperature

Pressing the  or  keys will alter the desired temperature shown on the display. This level may be adjusted at any time and will remain in the modulator memory when the heater is not in operation.


When the  or  keys are released the display will revert back to show ambient temperature.

The Modulator temperature adjustment range is from 5°C to 32°C.


Ventilation

To activate Ventilation Mode, press and hold the  key until the blue LED illuminates and display shows active rotating two digits.

Note: The 801 10 001 version will only run for a maximum period of 1 hour.




To stop ventilation, press  key briefly. Blue LED switches off and display shows ambient temperature.

Diagnostic Readout for Airtronic & D4/5wsc (where applicable)

With the heater switched ON, press and hold  key until the display shows 'dA'. The blue LED will briefly illuminate. Release the key. After a short time the LED flickers momentarily during diagnostic data transfer then goes off. The display shows FO followed by its fault code then automatically scrolls through any previously stored fault codes, up to a maximum of 5.

Typical fault codes:

- 10 = Over voltage - Check battery charging system.
- 11 = Under voltage - Check battery voltage.
- 12 = Overheating - Check air ducts for obstruction
- 31 = Blower Motor - Check blower motor or replace.
- 52 = Safety time exceeded - Check fuel supply.
- 54 = Flame cutout H - Check exhaust & combustion air.
- 55 = Flame cutout M - Check fuel supply & possible fuel contamination.
- 56 = Flame cutout L - Check air intake, Exhaust system & fuel supply.

Press  and  keys together to erase stored fault codes and display shows 'EE'. To exit diagnostic mode, press and release the  key.

For further technical assistance please contact Modular Wholesale.



Eberspächer



Modular Wholesale co Pty Ltd
ABN 30 647 208 115
5 Bass Court , Keysborough Vic 3173
Australia
Tel: 1300 77 588 Email: info@modularw.com.au