

Please ensure that the installer has fully completed the Benchmark Checklist on the inside back pages of the installation instructions supplied with the product and that you have signed it to say that you have received a full and clear explanation of its operation. The installer is legally required to complete a commissioning checklist as a means of complying with the appropriate Building Regulations (England and Wales).

All installations must be notified to Local Area Building Control either directly or through a Competent Persons Scheme. A Building Regulations Compliance Certificate will then be issued to the customer who should, on receipt, write the Notification Number on the Benchmark Checklist.

This product should be serviced regularly to optimise its safety, efficiency and performance. The service engineer should complete the relevant Service Record on the Benchmark Checklist after each service.

The Benchmark Checklist may be required in the event of any warranty work and as supporting documentation relating to home improvements in the optional documents section of the Home Information Pack.

**Remeha**  
AVANTA RANGE

# User Guide

**Remeha Avanta Range**

12v | 18v | 24v



**remeha**

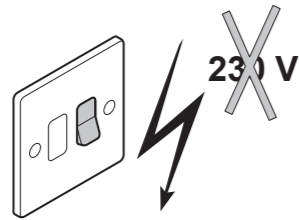
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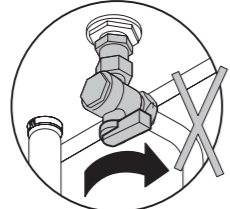
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# Remeha Avanta 12v / 18v / 24v



LT.AL.W7H.000.224



Gas

59970LTGBW7H039

## 2. Disable boiler without frost protection, during longer periods of non-use

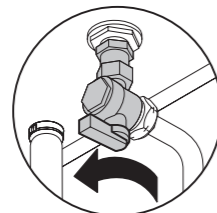
- Switch off the boiler
- Switch off controls
- Isolate boiler at the switch spur unit.

- Turn off the boiler gas tap.

### ⚠ Drain boiler

If there is a chance that the boiler and system can be effected by freezing weather conditions contact your installer to arrange to have the system completely drained down.

## 5 ENABLING THE BOILER

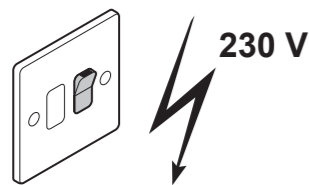


Gas

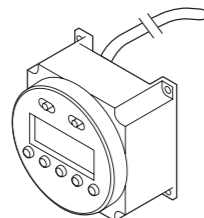
59970LTGBW7H040

- Check that the system is full of water and fully vented.

- Turn on the boiler gas tap.



LT.AL.W7H.000.225 + 59970LTGBW7H042



- Switch on the boiler at the fused spur unit; the boiler will run the start-up program.

- A display test will briefly appear showing all segments of the display.

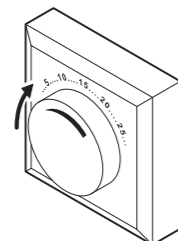
**F** **XX** software version;

**P** **XX** parameter version;

- A venting cycle of 3 minutes now follows, the version numbers will be displayed alternately;

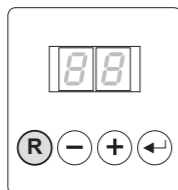
- If no errors occur during this cycle (see section 2 - error codes), the following will appear in the display;

**00**; stand-by mode



LT.AL.W7H.000.212

- Set the controls to on and temperature to the desired level.



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The boiler will now automatically start operating.

62999-110708



62999

## SHORT USER GUIDE

### 1 SAFETY

#### ⚠ Can you smell gas? What to do:

- Do not smoke and do not create any flame or sparks.
- Do not use any electric switches.
- Turn off the main gas stop cock.
- Open windows and doors.
- Warn those present and leave the building together.
- Call your gas suppliers / installer once you are outside the building, TRANSCO tel. 0800 111 999.

#### ⚠ Can you smell smoke or flue gases? What to do:

- Switch off the boiler.
- Open windows and doors.
- Warn those present and leave the building together.
- Call your installer once you are outside the building.

#### ⚠ Installation location for the boiler!

- Do not store or use any flammable materials, aggressive substance and/or aerosols near the boiler.
- The installation area must be frost-free.
- The switched spur unit for the boiler must always be accessible.

#### ⚠ Water and pipe temperatures!

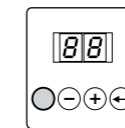
- The factory setting for the domestic hot water temperature is 55°C; this temperature can be set to 65°C.
- The maximum water temperature in the Avanta Plus can reach 90°C. This means that pipes and/or radiators can reach this temperature.

### 2 PROBLEMS WITH BOILER AND/OR CENTRAL HEATING SYSTEM

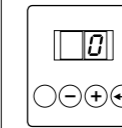
#### Error codes – errors which can be resolved by the user

**E1 / E2 /**

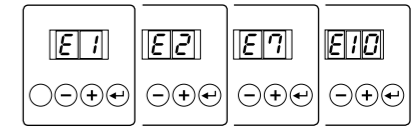
**E7 / E10**



Press Re-set key for 3 seconds

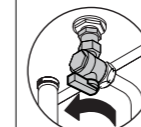


Wait for Recovery; display shows **00** boiler functions Properly

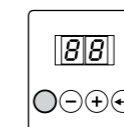


Display shows error again note down the error code and boiler type and contact your installer

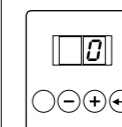
**E4**



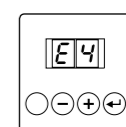
Check gas valve; gas valve must be open, if necessary open valve



Press Re-set key for 3 seconds



Wait for Recovery; display shows **00** boiler functions Properly



Display shows **E4** again note down the error code and boiler type and contact your installer

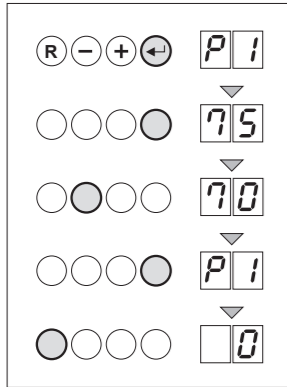
59970LTGBW7H044

#### Error codes – errors which have to be remedied by the installer

If the display indicates a different error code from that described above, note down the error code and boiler type and call your installer. Contact your installer also in the event of a water leak.

# Remeha Avanta 12v / 18v / 24v

## 3 CHANGING BOILER SETTINGS

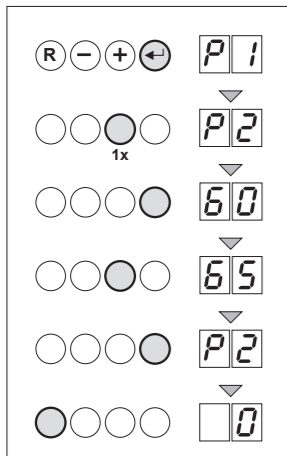


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### 1. Changing P1 setting: flow temperature of water in central heating system

Reduce the flow temperature as follows:

- Press **'Enter'- key** until codes **P** and **1** are displayed alternately.
- Press **'Enter'- key** again; set value for maximum flow temperature is displayed: 75°C (factory setting).
- Press **[+] or [-] -key** to change this value, for example to 70°C.
- Press **'Enter'- key** to confirm value; codes **P** and **1** are displayed alternately.
- Press **'Reset'- key** to switch boiler to operating mode.

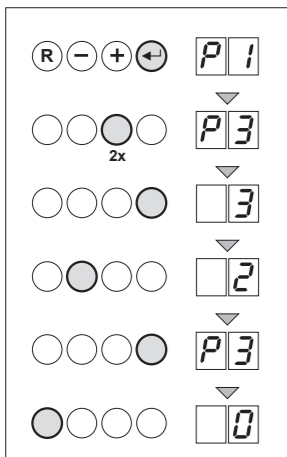


LT.NL.W6H.000.071

### 2. Changing P2 setting: domestic hot water temperature

Increase the domestic hot water temperature as follows:

- Press **'Enter'- key** until codes **P** and **2** are displayed alternately.
- Press **[+] - key** until codes **P** and **2** are displayed alternately.
- Press **'Enter'- key**; set value for domestic hot water temperature is displayed: 55°C (= factory setting).
- Press **[+] or [-] -key** to change this value, for example to 65°C.
- Press **'Enter'- key** to confirm value; codes **P** and **2** are displayed alternately.
- Press **'Reset'- key** to switch boiler to operating mode.



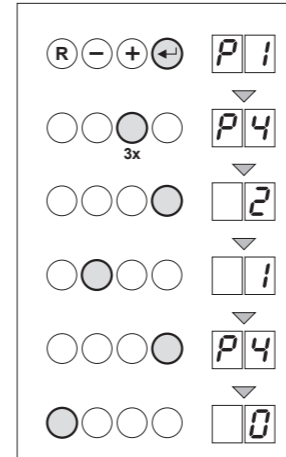
LT.NL.W6H.000.072

### 3. Changing P3 setting: boiler regulation (domestic hot water and central heating mode)

- 0** = CH<sub>off</sub> / DHW<sub>off</sub>
- 1** = CH<sub>on</sub> / DHW<sub>on</sub>
- 2** = CH<sub>on</sub> / DHW<sub>off</sub> (factory setting)
- 3** = CH<sub>off</sub> / DHW<sub>on</sub>

Change the boiler regulation as follows:

- Press **'Enter'- key** until codes **P** and **3** are displayed alternately.
- Press **[+] - key** 2x until codes **P** and **3** are displayed alternately.
- Press **'Enter'-key**: central heating and domestic hot water mode setting is displayed.
- Press **[+] or [-] -key** to change this mode, e.g. level **3** (= central heating OFF and domestic hot water ON).
- Press **'Enter'- key** to confirm this mode; codes **P** and **3** are displayed alternately.
- Press **'Reset'- key** to switch boiler to operating mode.



LT.NL.W6H.000.073

### 4. Changing P4 setting: Eco or comfort mode

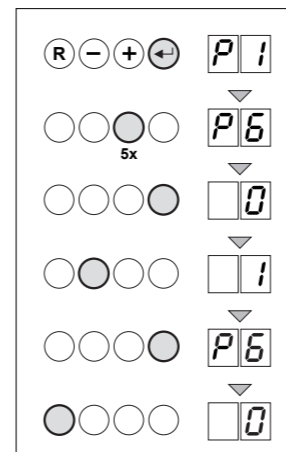
#### No hot water

Warning: the system boiler in combination with an external calorifier will not warm up the calorifier in the Eco-mode. So, if the calorifier is empty, the domestic hot water will be cold.

- 0** = Comfort mode
- 1** = Eco mode
- 2** = regulated by controller (= factory setting)

Change the mode as follows:

- Press **'Enter'- key** until codes **P** and **4** are displayed alternately.
- Press **[+] - key** 3x until codes **P** and **4** are displayed alternately.
- Press **'Enter'- key**; setting of 'eco or heat retention' mode is displayed (mode **2** = heat retention and regulator-dependent, factory setting).
- Press **[+] - key** to change this mode, for example mode **1** (=eco mode).
- Press **'Enter'- key** to confirm this mode; codes **P** and **4** are displayed alternately.
- Press **'Reset'- key** to switch boiler to operating mode.



LT.NL.W6H.000.075

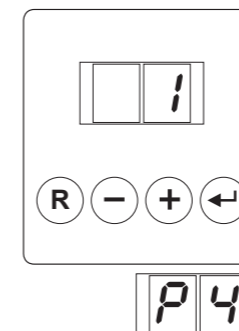
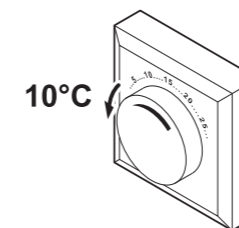
### P6 setting: display on/off

Change the display setting as follows:

- Press **'Enter'- key** until codes **P** and **6** are displayed alternately.
- Press **[+] - key** 5x until codes **P** and **6** are displayed alternately.
- Press **'Enter'- key**; you will see mode **2** (= 'Display automatically off', factory setting).
- Press **[+] - key** to change this mode to mode **1** (= 'Display remains on').
- Press **'Enter'- key** to confirm this mode; codes **P** and **6** are displayed alternately.
- Press **'Reset'- key** to switch boiler to operating mode.

## 4 DISABLING THE BOILER

The boiler must be disabled before any maintenance or repairs are carried out. If the central heating system is not used for a long time (during the holidays, for instance, or periods of milder weather) it is advisable to disable the boiler.



LT.AL.W7H.000.217 + LT.AL.W7H.000.218

### 1. Disable boiler with frost protection, during longer periods of non-use

- Set the room thermostat or other controls to a low temperature, e.g. 10°C,
- Switch setting **P4** to 1 (Eco mode), this will switch off the heat retention function. Now the boiler will only start working to protect itself against freezing. With an external frost protection connected, the boiler can also prevent the central heating system from freezing.