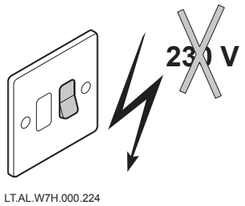
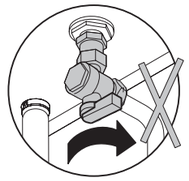
Remeha Avanta 12v / 18v / 24v



LT.AL.W7H.000.224

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.

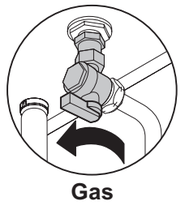


59970LTGBW7H039

- Turn off the boiler gas tap.

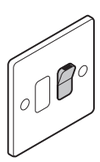
⚠ **Drain boiler**
If there is a chance that the boiler and system can be effected by freezing weather conditions contact your installer to arrange to have the system completely drained down.

5 ENABLING THE BOILER

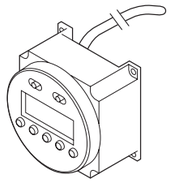


59970LTGBW7H040

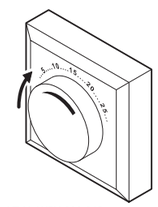
- Check that the system is full of water and fully vented.
- Turn on the boiler gas tap.



LT.AL.W7H.000.225 + 59970LTGBW7H042

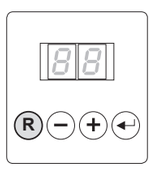


- Switch on the boiler at the fused spur unit; the boiler will run the start-up program.
  - A display test will briefly appear showing all segments of the display.
    F□ XX software version;
    P□ XX parameter version;
  - A venting cycle of 3 minutes now follows, the version numbers will be displayed alternately;
  - If no errors occur during this cycle (see section 2 - error codes), the following will appear in the display;
    □0 ; stand-by mode



LT.AL.W7H.000.212

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



LT.NL.W6H.000.079

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.

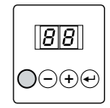
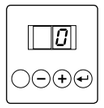
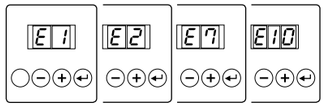
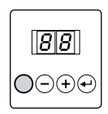
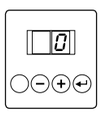
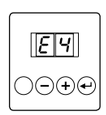
⚠ **Can you smell smoke or flue gases? What to do:**
- Switch off the boiler.
- Open windows and doors.
- Warn those present and leave the building together.
- Call your installer once you are outside the building.

⚠ **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 acces sible.

⚠ **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

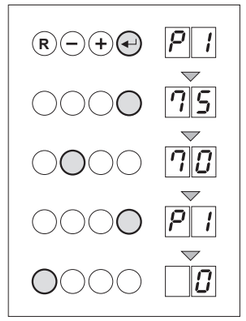
E1 / E2 / E7 / E10		Press Re-set key for 3 seconds		Wait for Recovery; display shows □0 boiler functions Properly		Display shows error again note down the error code and boiler type and contact your installer
E4		Check gas valve; gas valve must be open, if necessary open valve		Press Re-set key for 3 seconds		Wait for Recovery; display shows □0 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.

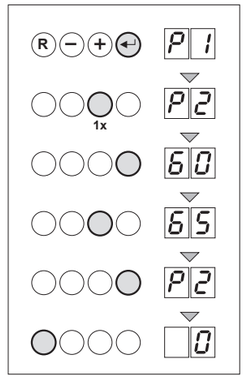
3 CHANGING BOILER SETTINGS



LT.NL.W6H.000.070

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

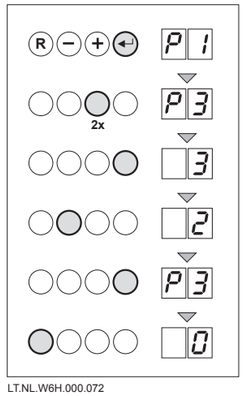
Reduce the flow temperature as follows:
- Press **'Enter'- key** until codes P and 1 are displayed alternately.
- Press **'Enter'- key** again; set value for maximum flow temperature is dis played: 75°C (factory setting).
- Press **[+]** or **[-] -key** to change this value, for example to 70°C.
- Press **'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 1 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.

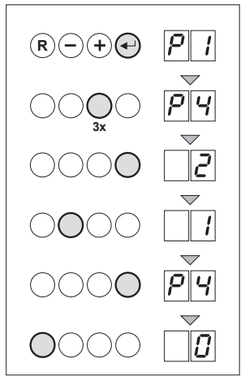


LT.NL.W6H.000.072

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

0 = CH $_{off}$ / DHW $_{off}$
1 = CH $_{on}$ / DHW $_{on}$
2 = CH $_{on}$ / DHW $_{off}$ (factory setting)
3 = CH $_{off}$ / DHW $_{on}$

Change the boiler regulation as follows:
- Press **'Enter'- key** until codes P and 1 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.



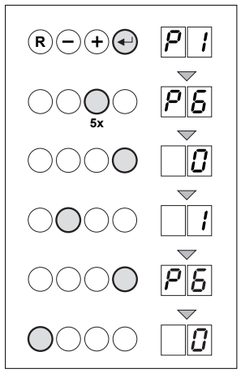
LT.NL.W6H.000.073

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 1 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.

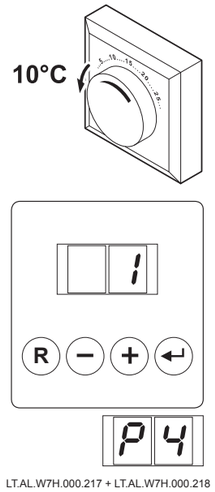


LT.NL.W6H.000.075

P6 setting: display on/off

Change the display setting as follows:
- Press **'Enter'- key** until codes P and 1 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 dis played alternately.
- Press **'Reset'- key** to switch boiler to operating mode.

4 DISABLING THE BOILER



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

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.

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.