

Boiler Plus - quick guide

The Horstmann range of products offers a solution for both combi and non-combi boiler installations, meaning you can continue to fit the thermostats and time controls you know and love, safe in the knowledge that your installation will meet the new building regulations.

The law:

The Domestic Building Services Compliance Guide has been amended for 2018.

The aim of the legislation, known as Boiler Plus, is to improve the efficiency of installed heating systems, particularly through the installation of additional energy saving measures when replacing a boiler. Boiler Plus is applicable in England only.

Compliant products:

If you are installing a **gas combination boiler (including LPG)** to meet Boiler Plus, any product from the C-Stat range can be installed which suits the requirement.

- C-Stat 17-B
- C-Stat 17-M
- C-Stat 17-ZW



New regulations:

When installing a new or replacement boiler you need to:

- Ensure that the system meets minimum standards for boiler interlock, time and temperature control, as would be done for new system.
- When installing a Gas Combination boiler only in existing dwellings a minimum of one of the following should also be installed:
 - Flue gas heat recovery system or
 - Weather compensation or
 - Load compensation or
 - Smart thermostat with automation & optimisation

If you need to control a non-Combi boiler (system boiler), you will need to install a set of time and temperature controls for complying to BoilerPlus.

For example:

Combination 1

Two channel programmer
Room stat



CentaurPlus C27

HRT-4A

Combination 2

Two channel programmer
Room stat



ChannelPlus H27XL

HRT-4B

Combination 3

Multi zone using H37
Two room stats



ChannelPlus H37

HRT-4A x 2

* These product combinations can still be BoilerPlus compliant with combi-boiler installations provided if any of FGHRs or Weather compensation is fitted with the boiler.

Electronic Time Controls

C-Stat 11-ZW	24-hour programmable room thermostat; mains powered; wireless Z wave receiver.
C-Stat 17-ZW	7-day programmable room thermostat; mains powered; wireless Z wave receiver.
C-stat 11-B	24-hour programmable room thermostat; battery powered.
C-stat 17-B	7-day programmable room thermostat; battery powered.
C-stat 11-M	24-hour programmable room thermostat; mains powered.
C-stat 17-M	7-day programmable room thermostat; mains powered.
ThermoPlus AS1/ PRT1	24-hour programmable room thermostat.
ThermoPlus AS2-RF	24-hour programmable room thermostat with RF connectivity.
Beanbag	24-hour 5/2 day or 7-day programmable connected room thermostat, receiver & gateway, with mobile app.



C-Stat 11



C-Stat 17



ThermoPlus AS1 / AS2

**Time Control
Electronic
Programmings**



**Temperature Control
Thermostats with
Load Compensation**



**BOILER
PLUS
COMPLIANT**

Electronic Programmings (time control) + Thermostats (with load compensation)

Electronic Time Controls - Multi Channel

CentaurPlus C21	24-hour two channel programmer, Independent timing for both channels.
CentaurPlus C27	7-day two channel programmer, Independent timing for both channels.



CentaurPlus C21



CentaurPlus C27

Electronic Time Controls - Single Channel

CentaurPlus C17	7-day single channel programmer with time switch.
CentaurPlus C11	24-hour programmable room thermostat.



CentaurPlus C17



CentaurPlus C11

Electronic Programmers (time control) + Thermostats (with load compensation)

Electronic Programmers - Multi Channel

ChannelPlus H47XL 7-day four channel programmer. Use with fully pumped central heating systems using four separate valves.



ChannelPlus H47XL

ChannelPlus H37XL 7-day three channel programmer. Use with fully pumped central heating systems using three separate valves.



ChannelPlus H37XL

ChannelPlus H37VXL Same as H37XL plus volt free contacts.

ChannelPlus H27ZXL 7-day two channel zone programmer. Independent timing of zone 1 and zone 2.



ChannelPlus H27XL

ChannelPlus H27XL 7-day two channel programmer. Independent timing for heating and hot water.

ChannelPlus H21XL 24-hour two channel programmer. Independent timing of heating and hot water.



ChannelPlus H21XL

Electronic Programmers - Single Channel

ChannelPlus H11XL 24-hour single channel programmer with time switch.

ChannelPlus H17XL 7-day single channel programmer with time switch.

Service Interval Programmers - Multi Channel

ServicePlus S27 R7 7-day two channel programmer. Gas safety regulation 1998 compliant and time control feature.

ServicePlus S21 R7 24-hour two channel programmer. Gas safety regulation 1998 compliant and time control feature.

+ Electronic Room Thermostats

HRT4-ZW with ASR-ZW receiver Wireless RF room thermostat with display. Complete with ASR-ZW receiver, mains powered with volt free contacts, ASR-ZW receiver. Temperature setting range 5-30C.



HRT4-ZW & ASR-ZW

HRT4-B Battery powered, room thermostat with display. 3 amp volt free change over contacts, ideal for use with combi or conventional boiler equipments, Temperature setting range 5-30C.



HRT4-B

HRT4-A Mains powered, dial-setting room thermostat, without display, for new and replacement installations. Temperature setting range 5-30C.



HRT4-A

HTT4 Tamperproof room thermostat for use in public areas. Mains powered, Internal setting dial. Temperature setting range 5-30C.

HFT4 Tamperproof frost protection thermostat. Mains powered, ensures heating will switch on whenever frost conditions are detected. Internal settings dial. Temperature range 0-20C.



HFT4

HCT2 Cylinder thermostat suitable for mounting on either domestic hot water cylinders or large heating pipes. Adjustable temperature range 20-90C.



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