

Don't Cut Corners **on Controls**

The Domestic Building Services Compliance Guide has been amended for 2018. Referred to as 'Boiler Plus', these amendments aim to improve the efficiency of installed heating systems, particularly through the installation of additional energy saving measures. The specific requirements that installers will now have to follow when installing a new or replacement boiler are as below:

1. Ensure that the system meets minimum standards for boiler interlock, time and temperature control as they would for a new system.
2. When installing a gas combination boiler only (both new and replacement) a minimum of one of the following should also be installed:
 - Flue gas heat recovery
 - Weather compensation
 - Load compensation
 - Smart thermostat with automation and optimisation



Danfoss have a full range of controls that help you comply with Boiler Plus. These range from on/off load compensation, modulating load compensation and smart room thermostats.



RET1000B



RET2000B



TP5000 Si



TP7001



TPOne

On/Off Load Compensation Room Thermostats:

Type	Code No.	Description
Dial Setting thermostats		
RET1000B	087N645100	Digital room thermostat. Battery powered.
RET1000M	087N645000	Digital room thermostat. Battery powered.
Programmable thermostats with service interval function		
TP5000 Si	087N791000	5/2 day or 24 hour programmable electronic room thermostat with service interval function. Battery powered.
TP5000 Si-RF + RX-1	087N791400	5/2 day or 24 hour programmable electronic room thermostat with service interval function, complete with RX-1 receiver unit. Battery powered.
Room thermostats		
RET2000B	087N644100	Digital room thermostat. SPDT, battery powered, complete with LCD display.
RET2000M	087N644000	Digital room thermostat. SPDT, battery powered, complete with LCD display.
RET2000B-RF + RX-1S	087N644400	Digital RF room thermostat with LCD display, complete with RX-1S receiver unit. Battery powered.
Programmable room thermostats		
TP7001M	087N800300	7 days or 5 day/2day and 24 hour programmable room thermostat with service interval function.
TP7000-RF	087N741000	7 days or 5/2 day programmable room thermostat with RF control. Battery powered.
TP7001	087N800200	7 days or 5/2 day programmable room thermostat. Battery powered.
Programmable room thermostat with hot water control		
TP9000 Si	087N789200	5/2 day or 24 hour programmable room thermostat with extra timed circuit for controlling domestic hot water.
FlatStat - Flush Mount Room Thermostat		
FMT230D	087N774400	Flush mounted dial setting room thermostat with LCD display.

Modulating Load Compensation Room Thermostats:

Type	Code No.	Description
Dial Setting room thermostats		
ORT-01	087N774300	Room thermostat with modulating PI-control. For use only with Open Therm equipped gas boilers.
ORT-10	087N773800	Room thermostat with modulating PI-control. Hot water selection, night set-back and LCD display. For use with OpenTherm equipped gas boilers.

TPOne Smart Thermostats:

Type	Code No.	Description
Programmable room thermostats		
TPOne-B	087N785100	7 day, 5 day/2 day and 24 Hour programmable room thermostat with service interval function. Battery powered.
TPOne- M	087N785200	7 day, 5 day/2 day and 24 Hour programmable room thermostat with service interval function. Mains powered.
TPOne-RF	087N785300	7 day, 5/2 day programmable battery powered room thermostat with RF control.
TPOne-RF + RX1-S	087N785400	7 day programmable battery powered room thermostat complete with RX1-S receiver.

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