TECHNICAL BULLETIN

PRODUCT: GAS AND OIL HEATING SYSTEMS

CHANGES TO PART L AFFECTING GAS AND OIL HEATING SYSTEMS:

Changes have been made to Building regulations Part L for **England**. These changes came into force on April 6^{th} 2014.

These changes affect new **Gas and Oil** heating systems, if the property has had any major alterations or if there has been a change of use to the property. Installers will need to take extra care when specifying systems and will have to ensure that the new guidelines are adhered to.

For all other heating systems refer to the Domestic Building Services Compliance Guide (DBSCG).

Controls

The requirement for dwellings under 150m² to have at least two heating zones has now been removed. To provide zone control in such dwellings TRVs should be provided on all radiators (except the room with the room thermostat) on new systems.

ſ	Dwelling over 150m2	With hot water	Boiler interlock
		cylinder	At least two space heating circuits, each with independent time
			control, a room thermostat and TRVs
			A hot water circuit with independent time control and a cylinder
			thermostat
		No hot water	Boiler interlock
		cylinder	At least two space heating circuits, each with independent time
			control, a room thermostat and TRVs
		With hot water	Boiler interlock
		cylinder	A space heating circuit with independent time control, a room
			thermostat and TRVs
	Dwelling up to		A hot water circuit with independent time control and a cylinder
	150m2		thermostat
		No hot water	Boiler interlock
		cylinder	A space heating circuit with independent time control, a room
			the serve extent and TOM/s

Fig 1: Quick guide – recommended minimum standards for

control of new heating systems

It is also good practice to install TRVs when replacing a boiler to an existing system as it is convenient and timely to do this while the system is drained down.

Replacement	With hot water	Gravity-fed systems upgraded to fully pumped.
boiler	cylinder	Boiler interlock
		Maintain existing space heating circuit(s), each with independent time
		control and a room thermostat. TRVs strongly recommended.
		A hot water circuit with independent time control and a cylinder
		thermostat
	No hot water	Boiler interlock
	cylinder	Maintain existing space heating circuit(s), each with independent time
		control and a room thermostat. TRVs strongly recommended.
New heating	With hot water	Gravity-fed systems upgraded to fully pumped.
system with	cylinder	Boiler interlock
existing		Maintain existing space heating circuit(s), each with independent time
pipework		control, a room thermostat and TRVs
		A hot water circuit with independent time control and a cylinder
		thermostat
	No hot water	Boiler interlock
	cylinder	Maintain existing space heating circuit(s), each with independent time
		control, a room thermostat and TRVs
Radiator	Emergency	Good practice to fit a TRV to the replacement radiator(s) if in a room
replacement		without a room thermostat
	Planned	Good practice to fit TRVs to all radiators in rooms without a room
		thermostat
Hot water	Emergency	A cylinder thermostat.
cylinder	Planned	Boiler interlock
		A hot water circuit with independent time control and a cylinder
		thermostat

Fig 2: Quick guide – recommended minimum standards for control when replacing components of heating systems

The energy Savings Trust can provide good advice about further energy saving measures.

Our award winning Worcester Technical Support team can also help with advice about our boilers, controls and heating the home efficiently and there is plenty of information on our web site <u>www.worcester-bosch.co.uk</u>.

We have a very helpful brochure called "Heating and hot water handy hints" (*Fig 3*) which is available to download.

Guidance for this Technical Bulletin has been taken from Building Regulations Part L, the guidance document published by BEAMA and the DBSCG.

The BEAMA guide (*Fig 4*) can be found on their web site; www.beama.org.uk

	() eama Neg (set)
	Guidance on how to comply with the 2013 Building Regulations Part L
	Version 1.0 – 6 April 2014
	This pole supports the afficial polarios sourcing the control of gas and of freed wet control heating installations in domains parentics under the revised Soliding Regulation Part11 for Explored, which came also force from Explor 2014.
	Pallowing the recommended system legislation this decomment will provide confidence that theorem and installations are in accordance with the political and therefore comply with the instance parts of the building beginsterial. Controllypole baseding systems are conversit the BSDBO Colombition relating pairs in Part 2.
	For further information contact BEAMA Heating Controls via email: Efleps@beams.org.uk
Heating and	No public has been properties environment IAGMA-rearing Converts Thomary TADAG, the associations for UK mand-barrene sol requires of electronic controls and substance and a significancy being promote and gaven a proper experiment. When A gaves a stranger of the second properties of the second properties of the Tarabase and Tabases. When a stranger promote the transactic existinguous stranger as another than environment of the second and RADAG. Namement Transact Control programs (La Data). Has the second properties of the second and RADAG. Namement Transaction and properties of the second and RADAG. Namement Transact, 13 Addres Tarabases, 14 Data.
hot water guide	New for 2011 1. The equiparter to dealing which SSM is then at that is building them to no been related. The provide size uncertain a deal dealing "MPC (Neuroscients' building related to a set of the set of th
	Recent research at the linkersity of latitud plaused that adding a sound themicating and TRYs to a basing spaces reduced conting cashing up to 42-bits an add as enough gives the spaces spacement effectively to delaw cashinghost assessments in every more, the plause plause that delaward in the delaward and the space space to the delaward in the Clinear delaward plause plause that the basis is being respirated more. More streads at the space parameters and endowed plause that the basis is being respirated more. More streads at more lawards and endowed plause that the basis is being respirated more. More streads at the space
Dedicated to heating comfort	

Fig 3: Image of the handy hints guide

Fig 4: Image of the BEAMA guide

The Building regulations Part L and the DBSCG can be found on the Planning Portal web site <u>www.planningportal.gov.uk</u>



Fig 5: Images of Approved Document Part L1A and the Domestic Building Services Compliance Guide (DBSCG)

Please refer to <u>www.wales.gov.uk</u> for Welsh Building Regulations,

and www.scotland.gov.uk for Scottish Building Regulations.

Page 1 of 1

Whilst it is always our intention to fully assist, it is essential to recognise that all information given by the company in response to an enquiry of any nature is provided in good faith and based upon the information provided with the enquiry. We recommend that advice should always be checked with your installer or contract partner. Consequently, the company cannot be held responsible for any liability relating to the use or repetition of such information or part thereof. In addition, whilst making every reasonable effort to monitor the performance and quality of our supply, installation and service network, we do not accept responsibility for the workmanship or operation of any third party company that the company may have promoted either in conversation, e-mail or other communication. Similarly, the views and opinions expressed in communication with individuals within the company may not reflect that of the business as a whole.



You can find this, and all issued technical bulletins on the Worcester web sites at; http://www.worcester-bosch.co.uk/tb

or http://www.worcester-bosch.ie/tb

Worcester, Bosch Group, Cotswold Way, Warndon, Worcester WR4 9SW Technical Services Tel: 0330 123 3366, Fax: 01905 752741, email: Technical.Enquiries@uk.bosch.com