

Technical Bulletin

Installation Advice: Pressure Relief Valves integral to Worcester boilers.

Integral PRV:

The system Pressure Relief Valve (PRV) which is supplied integral to the boiler must be connected to a discharge pipe that complies with the manufacturers installation instructions and BS 6798: 2014 – 7.4.3.

Remote PRV:

A remote PRV kit is available from Worcester (7-716-161-071) for Greenstar CDi Classic & Greenstar I ErP boilers which permits installation of the PRV above the height of the appliance, allowing installations in below-ground locations, such as cellars. This replaces the integral boiler PRV so the discharge pipe must comply with the same guidance.

The discharge pipe from the PRV must:

- Be metallic unless an alternative material is used that will withstand the temperature and pressures, for the life of the boiler, to which it is likely to be subjected under fault conditions.
- Fall throughout its entire length to a safe point of discharge.
- Have a directly or indirectly visible indication of discharge.

Combined PRV & Condensate drain:

Worcester also permit the use of a combined PRV and Condensate discharge pipe. If this configuration is used, then a Hotun Hiflo tundish should be installed. The discharge pipework must comply with the guidance provided with the Hotun tundish with reference to BS 6798: 2014 – 6.3.7.2

Further guidance can be found at www.hotun.co.uk

Secondary PRV:

You must not connect the integral PRV discharge pipe into the system pipework and fit an additional remote PRV on the system.

This method does not comply with either the Manufacturer's instructions or BS 6798: 2014. The safe operation of the PRV cannot be guaranteed and the appliance may be categorised At Risk (AR) according to Gas Safe TB 001 (Situation 7.13)

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 website at: www.worcester-bosch.co.uk/tb
or www.worcester-bosch.ie/tb