

Technical service bulletin

Use of PVC Venting

Buderus

Bosch Group

Information Regarding The Use Of PVC Venting With The Buderus GB162:

The Buderus GB162 80 and 100kW boilers available in the US market can now operate with PVC as the vent material.

The PVC vent is suitable for boilers introduced after serial numbers:

- **(GB162 -80) 3290103000001 7746900214**
- **(GB162-100) 3290102000013 7746900215**

Boilers manufactured after these numbers have an additional sensor in the flue system that monitors the temperature of the vent system, and modulates the boiler down if the flue temperature exceeds the required temperature.

Boilers that are manufactured before this serial number will not have the capabilities of being installed on a PVC vent system.

Figure 1 is an extract from the Buderus GB162 installation manual, 7746 800103 (2011/01) US, showing the approved materials for vent systems.

Figure 1

Roof terminals	Flue System (trade name)	Supplier
4"/6"(100/150 mm)	concentric PVC	IPEX
Wall terminals	Flue System (trade name)	Supplier
4" (100 mm)	PVC/parallel stainless steel	Flex-L/S JTK_DVG
4"/6"(100/150 mm)	concentric PVC	IPEX
90°-elbow with inlet screen	PVC/stainless steel	Z-Flex/Heat Fab

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