

Technical Bulletin

Installation: Minimum front clearance

MAINTAINING STANDARD MINIMUM CLEARANCES IN FRONT OF WALL HUNG GAS BOILER

It is important to ensure gas boilers are installed in a location that ensures they can be accessed safely for maintenance and servicing purposes. To ensure engineers can achieve this, the standard minimum clearance in front of the appliance should be maintained down to the working surface where the engineer will stand or kneel.

The standard minimum clearance in front of a wall hung gas boiler is 600mm. This minimum clearance is intended to ensure safe access can be achieved for servicing and maintenance purposes. This means that the minimum clearance should be maintained down to the floor or working surface where the engineer would stand or kneel to work on the appliance.

The appliance must be installed where an engineer is able to stand or kneel directly in front of the appliance within the confines of the area created by lines 3 & 4 in Fig 1.

Where a boiler is installed above a counter top or surface that does not extend 600mm in front of the appliance, then an engineer must be able to stand in front of the counter top or surface within the 600mm minimum clearance.

INSTALLATION AND MAINTENANCE MANUALS WILL BE UPDATED TO INCLUDE THE FOLLOWING GUIDANCE.

ADVICE NOTE 4) WILL BE UPDATED AS SHOWN:

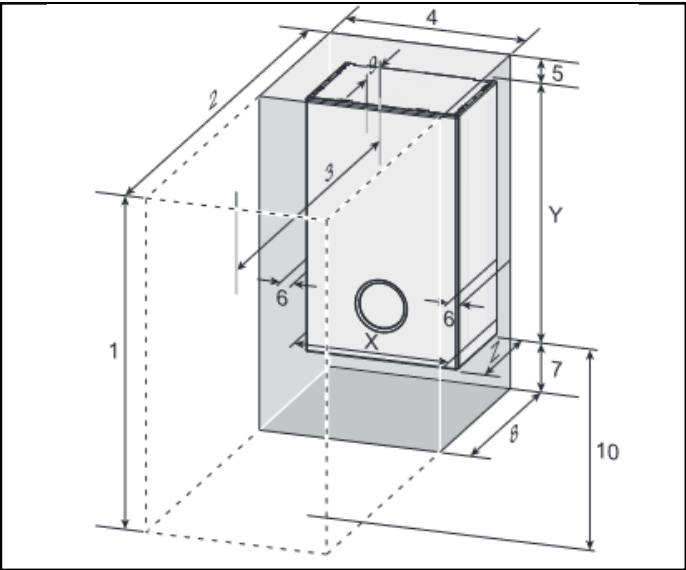


FIG 1

EXAMPLE TABLE (DIMENSIONS FOR GR 1000)

Minimum clearances		
	Description	Dimensions (mm)
X	Appliance width	395
Y	Appliance height	655 ¹⁾
Z	Appliance depth	285 ²⁾
Installation/Maintenance		
1	Overall clearance height	1025/1065 ³⁾
2	Overall clearance depth	900 ⁴⁾
3	In front of appliance	600 ⁴⁾
4	Overall clearance width	400
5	Above the appliance	170/210 ³⁾
6	Either side of appliance	2.5
7	Below the appliance	200
8	Compartment depth	300 ⁵⁾
9	Appliance to removable door	15
10	Below the appliance to the floor	400

TABLE 1

- 1) Y = 675.5mm (side panel height: 655mm)
- 2) Z = 285mm
- 3) Height for either 60/100 or 80/125mm flue
- 4) Dimension 3 & 4 must be maintained down to the floor or working surface in front of the appliance. This area should not be obstructed in any way that may prevent standing or kneeling within that space. Front clearance can be reduced by 150mm. Refer to the advice given in Reduced front maintenance minimum clearances.
- 5) Clearance to removeable cupboard door

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