

# TECHNICAL BULLETIN

## PRODUCT: GREENSTAR FS CDi REGULAR

### FLEXIBLE FLUE LINER MAXIMUM LENGTH:

The flexible flue system for use on the Greenstar FS CDi Regular boilers has a maximum vertical length of 12m, which can be cut to suit. The solid concentric section including the tee piece of the flue system can be raised as in the diagram Fig: 1 dimension (X). This can be achieved by using a concentric flue extension, part number 7719 003 666 which will attach to the flue adaptor.

Therefore, dimension (X) plus dimension (Lv) should not exceed more than 12m in total. Bends or changes in direction should be taken into account when making this calculation. Note: The tee piece (A) and the elbow support (B) are already taken into account in the total flue length.

80/125 mm elbow	Effective length (m)
90°	2m
45°	1m

Table 1: Flue length deductions for **concentric** flue bends

Bend in 80mm flexible liner	Effective length (m)
45°	1.5m

Table 2: Flue length deductions for **flexible flue liner** bends/changes in direction

Example:  
 2 x 45° bends (as Fig 1) = 3m  
 (X) = 1m  
 (Lv) = 8m maximum

The solid horizontal section (Lh) of the flue system can be a maximum of 3m. Any additional bends should be considered and the maximum length reduced accordingly. **DISTANCE (Lh) IS NOT DEDUCTED FROM (Lv).**

Note: Distance (Lv) should always be longer than distance (Lh).

Ensure the full length of the flue is adequately supported. Refer to Technical Bulletin TB0038a for guidance if required.

For further information or suitability it is recommended the installation instructions for the flue system should be consulted. All the Worcester Installation and Service manuals, Technical and Specification booklets and Product Guides are available for download or to order in hard copy from our web site <http://www.worcester-bosch.co.uk/installer/literature>

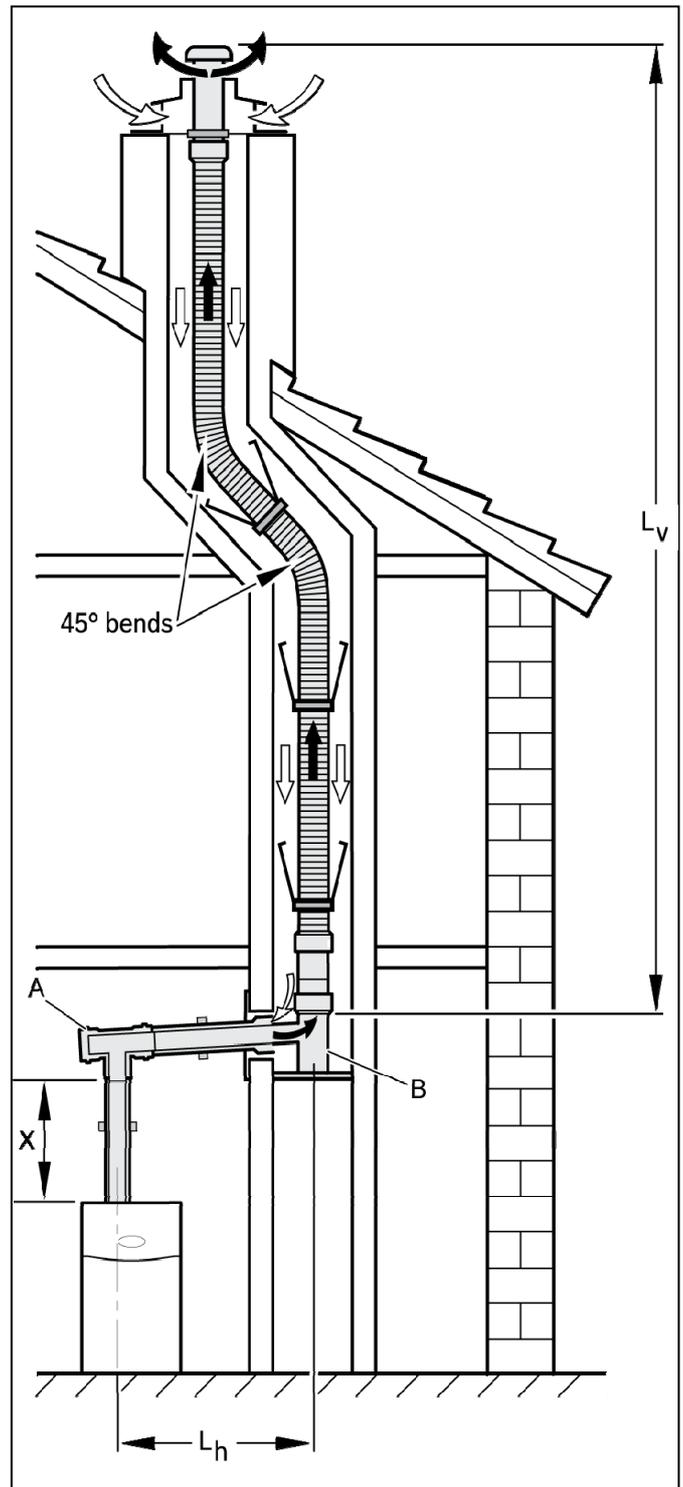


Fig. 1: Image of flue position and length.