

TECHNICAL BULLETIN

PRODUCT: GREENSTAR COMPACT RANGE


CO₂ TOLERANCES (SERVICING):

Revised CO₂ tolerances apply to all Greenstar CDI Compact, Si Compact & Ri Compact appliances when servicing.

The following guidance is contained within the current Compact ErP manuals; the tolerances should be applied to all Greenstar Compact appliances.

This revised allowance (see Fig. 1) is to accommodate variations in gas quality which can affect flue gas analysis readings.

Please refer to Flue Gas Analysis in the service and spares section of the product installation and servicing instructions for guidance in regards to carrying out flue gas analysis.



NOTICE: Minimum CO₂

▶ The minimum CO₂ reading must be at least 0.2 lower than the maximum CO₂ reading.

NG Appliances		
Output	CO ₂ Reading	CO Reading
Maximum setting (measured after 10 minutes)	Between 8.5 and 10.1.	Less than 200ppm
Minimum setting (measured after 10 minutes)	A minimum 0.2 lower than the maximum reading taken but above 7.5%	Less than 50ppm

Table 27 NG CO/CO₂ settings

LPG Appliances		
Output	CO ₂ Reading	CO Reading
Maximum setting (measured after 10 minutes)	Between 9.8 and 11.1.	Less than 200ppm
Minimum setting (measured after 10 minutes)	A minimum 0.2 lower than the maximum reading taken but above 8.5%	Less than 50ppm

Table 28 LPG CO/CO₂ settings

Example of a Natural Gas appliance reading:

- Maximum CO₂ reading taken = 9.5%
- The minimum CO₂ reading must be between 7.5% and 9.3% (a minimum 0.2 lower than the maximum reading of 9.5%)

Fig. 1 Example flue gas readings table from servicing instructions.

CO readings must be less than 250ppm (0.0025 ratio).

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.