

Technical Bulletin

Product: Greenstar Danesmoor & Greenstar Heatslave II ErP+ & 2022 ErP+ Combustion settings

CORRECTION IN LITERATURE.

The combustion setting table included in the Installation and Servicing manuals for 12kW – 32kW Greenstar Danesmoor & Heatslave II ErP+ & 2022 ErP+ contains some errors.

Fig 1 shows the corrected combustion setting table for Greenstar Danesmoor ErP & 2022 ErP+ appliances. The same table applies to Greenstar Heatslave II ErP+ & 2022 ErP+ appliances.

1) The nozzle that is specified in the manual for the middle (21.5kW) setting on 18/25 models is **0.60 x 60°EH**. **This is incorrect.**

The correct nozzle for the 21.5kW setting on 18/25 ErP+ & 2022 ErP+ appliances is 0.60 x 80°EH.

The correct nozzle size is also displayed on the appliance data label.

2) The approximate air setting that is specified in the manual for the middle (21.5kW) setting on 18/25 models is **3.25**. **This is Incorrect.**

The correct approximate air setting for the 21.5kW setting of 18/25 ErP+ & 2022 ErP+ appliances is 2.25

3) The advice regarding flue dampers being required for 25/32 models on the adjusted 32kW output setting is not included on the table in the manuals. This has been added to the table in Fig 1.

Manuals will be updated to include this corrected combustion table at the earliest opportunity.

FIG 1

Nozzle	Oil pump pressure bar	Oil pump pressure psi	Fuel flow rate Kg/h	Fuel flow rate l/h	Approx flue gas temp. °C	CO2 %	Combustion head settings mm	Approx. air setting	Input (appliance) kW	Output (appliance) kW	Air damper disc setting	Flue damper required	Burner head
Greenstar Danesmoor 12/18 model													
0.40 x 80° EH	8.5	123	1.12	1.38	67	12.0	10.5	2.3	13.2	13.0	A	Yes	BX & recirculation tube
0.40 x 80° EH	10.0	145	1.30	1.60	70	11.5	11	1.75	15.3	15	B	Yes	BX & recirculation tube
0.50 x 80° EH	10.0	145	1.54	1.90	80	12.0	11.5	2.5	18.3	18.0	C	Yes	BX & recirculation tube
Greenstar Danesmoor 18/25 model													
0.50 x 80° EH	10.0	145	1.54	1.90	76	12.5	12.5	1.5	18.3	18.0	N/A	Yes	BX
0.60 x 80° EH	8.8	128	1.84	2.28	81	12.5	14	2.25	21.9	21.5	N/A	Yes	BX
0.65 x 80° EH	9.5	138	2.15	2.66	90	12.5	15	3.25	25.5	25.0	N/A	Yes	BX
Greenstar Danesmoor 25/32 model													
0.65 x 80° EH	9.8	142	2.15	2.66	79	11.5	19	3.5	25.5	25.0	N/A	No	BX
0.75 x 80° EH	10.3	150	2.46	3.04	84	12.0	19	4.25	29.1	28.5	N/A	No	BX
0.85 x 80° EH	10.0	145	2.78	3.44	85	12.5	19	4.75	32.7	32.0	N/A	Yes* **	BX

* For flues 4m or less Internal Boilers
**In All Cases External Boilers

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