

Upton Floor Standing Modular Boiler

Model: UF1050-3



Heating *at work.*

Key Features: Hamworthy Upton

- Fully condensing pre-assembled modular 3-high vertical boiler stack
- 3 x 350kW modules
- 5-year warranty on aluminium heat exchanger
- Small footprint - over 1MW from 1m² footprint
- Each module fully modulating, with 5:1 turndown
- Ultra low NO_x levels
- Advanced controls with master/slave sequencing
- For use on sealed systems with open flue
- Easy access for service and maintenance



*24 month
warranty on
pumps only
16 com bu
labour
includ*

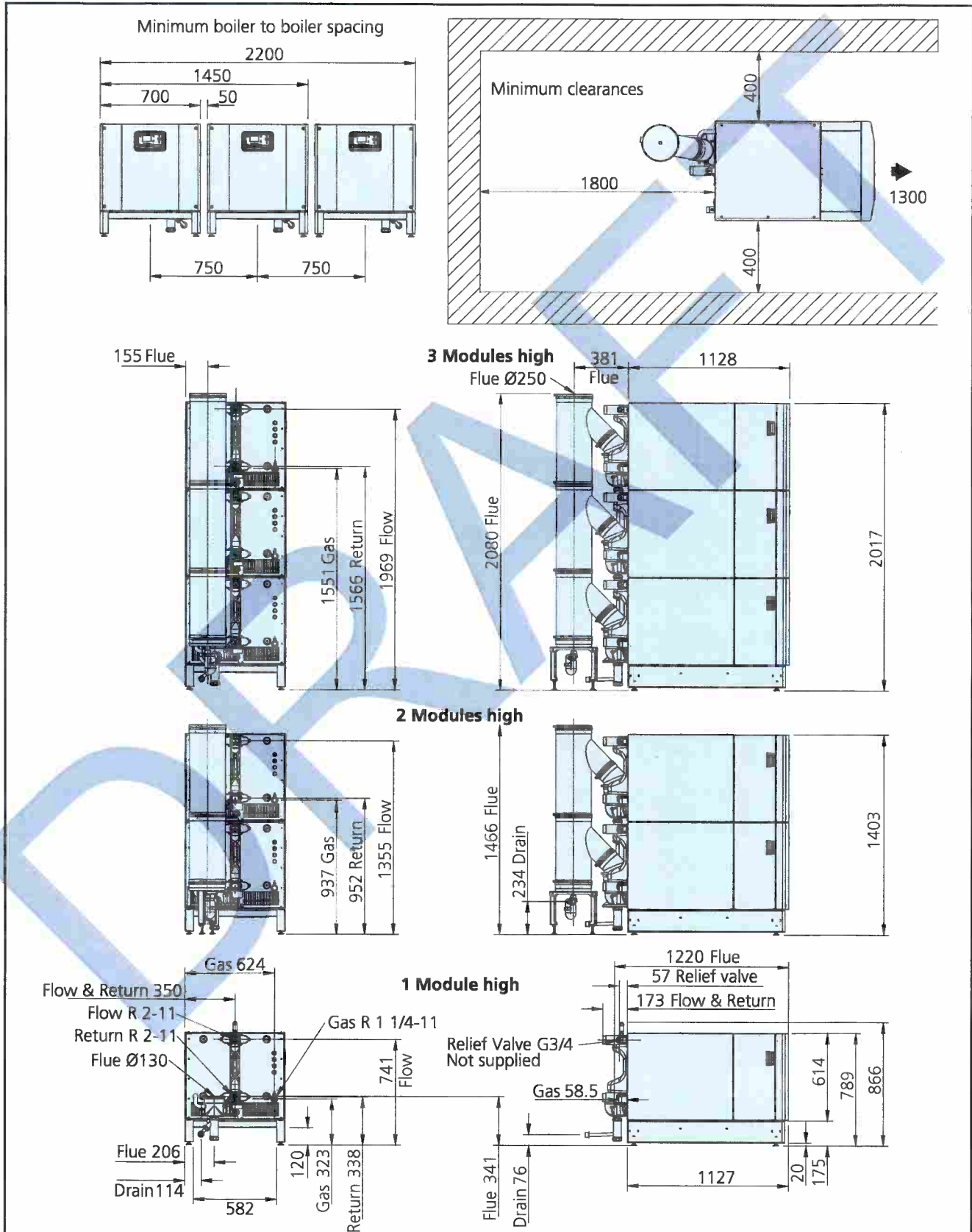
	Description	Units	Model: UF1050-3
Energy	Building regulations Part L seasonal efficiency	(%) gross	93.6
	Boiler output 80/60°C	kW Btu/hr x 1000	949.2 3239
	Boiler output 50/30°C	kW Btu/hr x 1000	1046.7 3571
	Boiler input (gross) - maximum	kW Btu/hr x 1000	1082.5 3694
	Boiler input (net) - maximum	kW Btu/hr x 1000	974.8 3326
	Boiler output - minimum 80/60°C	kW Btu/hr x 1000	189.8 648
	Boiler output - minimum 80/60°C	kW Btu/hr x 1000	209.3 714
Water	Water content	litres	81.0
	System design flow rate @ 20°C ΔT rise	l/s	22.8
	Water side pressure loss @ 20°C ΔT rise	mbar	835
	System design flow rate @ 11°C ΔT rise	l/s	12.6
	Water side pressure loss @ 11°C ΔT rise	mbar	255
	Minimum operating water pressure	mbar	0.5
	Maximum operating water pressure	mbar	5.3
	Maximum water pressure	mbar	6
	Maximum flow temperature setting	°C	85
	Minimum flow temperature setting	°C	30
Gas	Gas flow rate, NG (G20) - maximum	m ³ /hr	103.1
	Nominal inlet pressure - maximum	mbar	20
	Maximum gas inlet pressure	mbar	25
Flue	Approx. flue gas volume @ 72°C, 9.0% CO ₂ @ N.T.P	m ³ /hr	1629
	Maximum flue gas temperature @ 80/60°C	°C	72
	Maximum flue gas temperature @ 50/30°C	°C	42
	NO _x emission (0% excess oxygen, dry air)	mg/kWh	41.9
Connection	Water flow/return connections	inches	6
	Gas inlet connection pipe thread size	inches	R2-11
	Nominal flue diameter (I/D)	mm	G¾
	Condensate trap connection(s) (O/D)	mm	34
Electrics	Electrical supply		230 V 1 Ph 50Hz
	Power consumption - maximum boiler modulation	W	508
	Run current (per module)	Amp	2.2
	Noise emission @1m: @max. modulation	dB (A)	61.8

*← Allow
circulation*

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Dimensions: Hamworthy Upton



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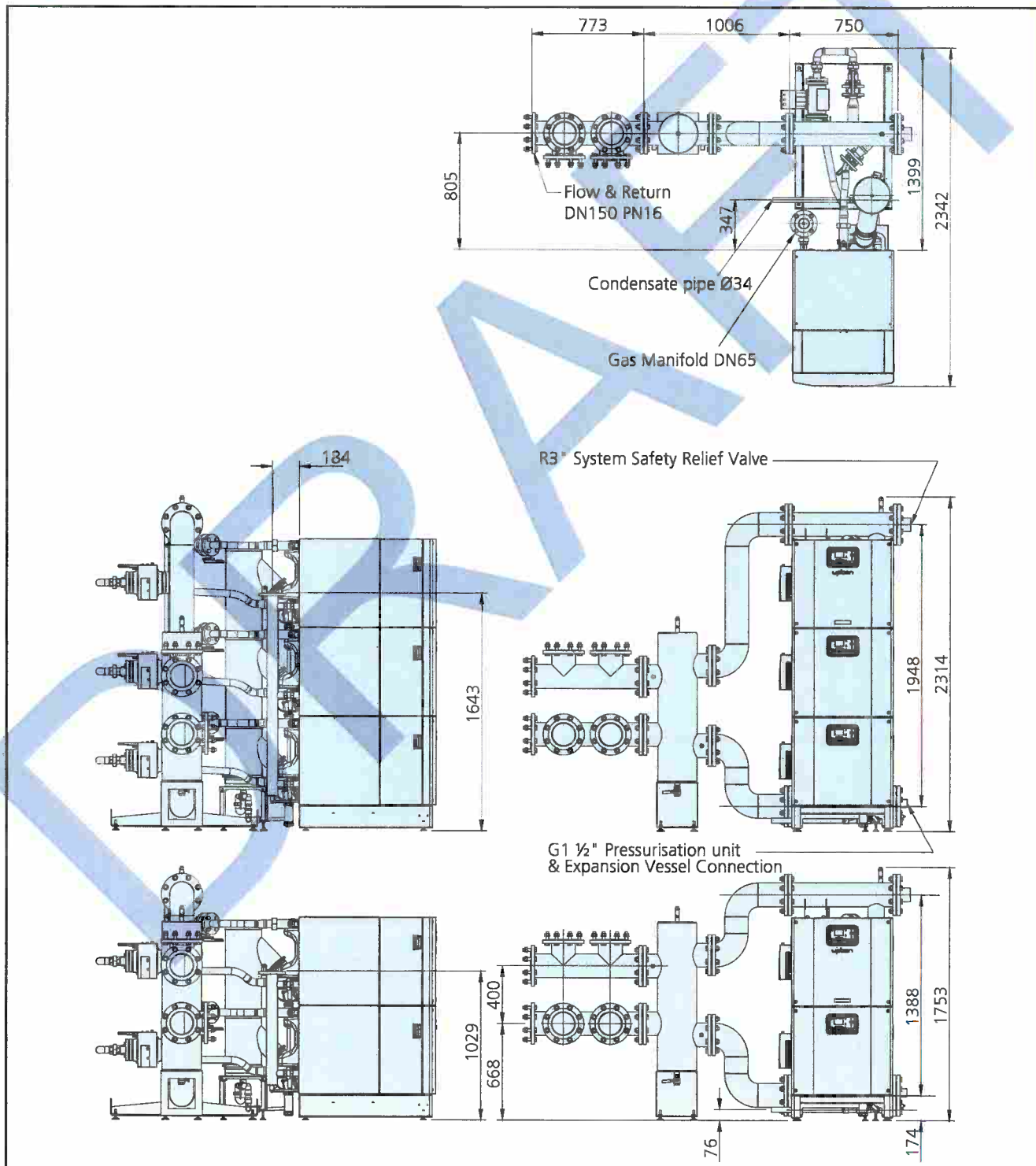
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Heating **at work.**

Pipe Kits: Hamworthy Upton

- DN150 pipekits for 350kW modules
- Up to **6 modules and 2.1MW output**
- Includes:
 - Matched pumps
 - Condensate pipe drainwork
 - Safety relief valve
 - Automatic air vents
 - Gas manifold
- Options:
 - Matched low loss header with combined air and dirt separator
 - 6 port manifold kit
 - Blanking plates



Upton Floor Standing Modular Boiler

Model: UF1050-3



Heating *at work.*

Pipe Kits: Hamworthy Upton

- DN200 pipekits for 350kW modules
- Up to **12 modules and 4.2MW output**
- Includes:
 - Matched pumps
 - Condensate pipe drainwork
 - Safety relief valve
 - Automatic air vents
 - Gas manifold
- Options:
 - Matched low loss header with combined air and dirt separator
 - 6 port manifold kit
 - Blanking plates

