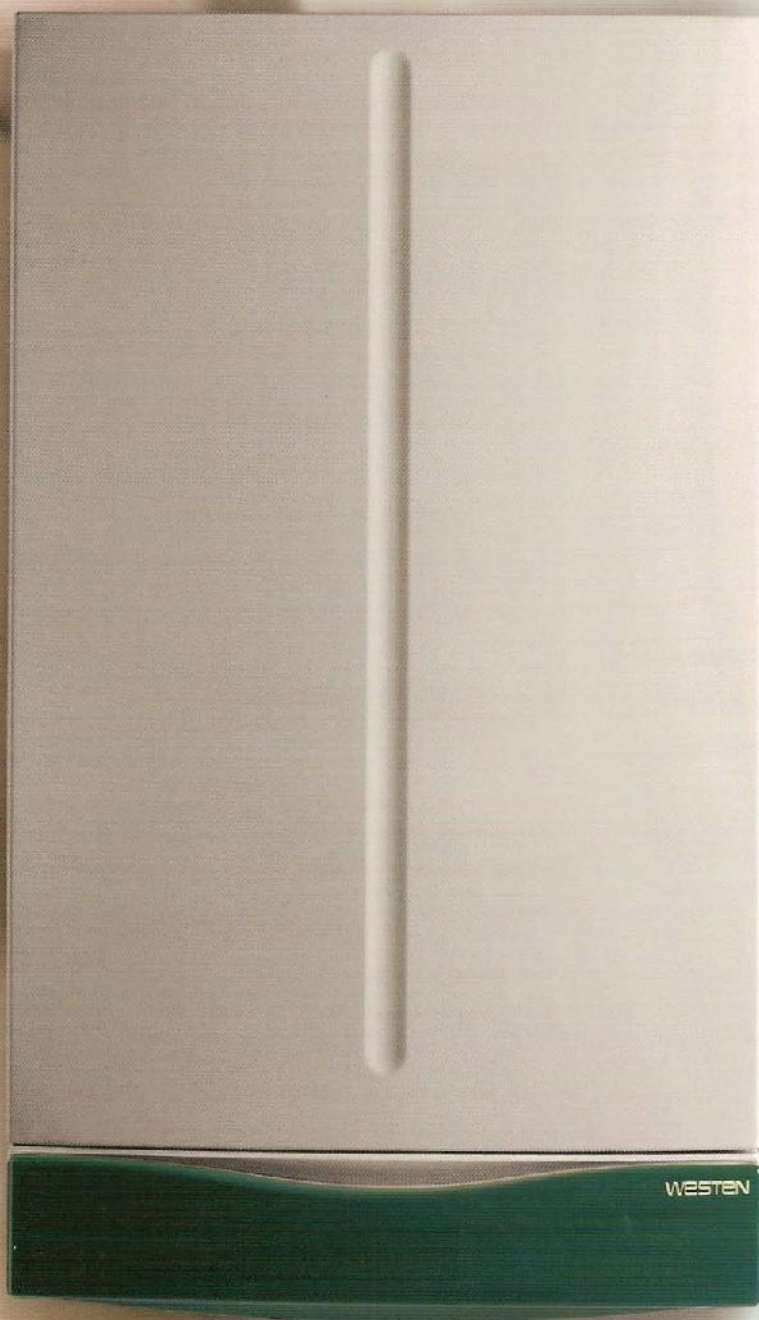


WESTEN STAR

Gas wall hung boiler



WESTEN
QUALITY HEAT

GAS WALL HUNG BOILER

COMPACT
HIGH-PERFORMANCE
BOILER

OUTPUT RANGE FROM
24 to
31 kW

18 litres of hot water per minute!

Star 310Fi at ΔT 25°C

FEATURES

- Electronic flame modulation
- Electronic ignition
- BAXI patented AFR system for efficiency optimization
- Two heating temperature possible ranges: 30/85°C, 30/45°C
- Electronic temperatures control by NTC probes
- Brass 3-way diverter valve (310Fi, 240Fi, 280i, 240i)
- Stainless steel DHW heat exchanger (310Fi, 240Fi, 280i, 240i)
- Stainless steel burner
- Gradual automatic ignition
- Circulating pump with built-in air vent
- Pump overrun
- Gas valve with continuous modulation on heating and DHW systems
- Gas pressure governor
- Automatic by-pass
- Regulation of heating temperature
- Regulation of DHW temperature (310Fi, 240Fi, 280i, 240i)
- Radio interference filtering system
- Outdoor probe option

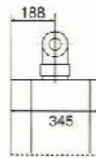
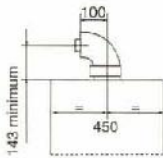
SAFETY DEVICE

- Self check automatic control system
- Overheat limit thermostat
- Gas control electronic panel
- Differential pressure switch to ensure safe discharge of flue products (310Fi, 240Fi, 1.240Fi)
- Flue thermostat to ensure safe discharge of flue products (280i, 240i)
- Differential pressure switch to prevent boiler operating in the event of low water or blocked pump
- System to prevent pump sticking operating every 24 hours
- Inspectionable strainer on the domestic mains water inlet
- Pressure relief valve on heating system operating at 3 bar
- Anti-frost device on heating circuit
- Radio interference filtering system
- Temperature led indicator

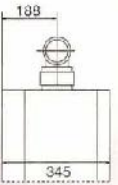
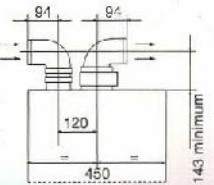
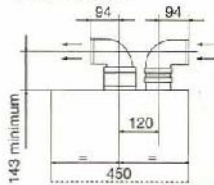


[FANNED FLUE]

• COAXIAL FLUE SYSTEM



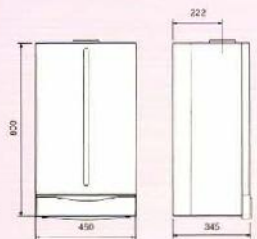
• DUAL FLUE SYSTEM



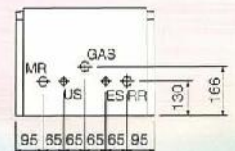
AIR CONTROL PATENTED AFR SYSTEM FOR EFFICIENCY OPTIMIZATION



[OPEN FLUE]



- MR: heating system flow G 3/4
- US: DHW outlet G 1/2
- GAS: gas inlet G 3/4
- ES: DHW inlet G 1/2
- RR: heating system return G 3/4



DESCRIPTION		COMBI				HEATING ONLY
		STAR 310Fi	STAR 240Fi	STAR 280i	STAR 240i	STAR 1.240Fi
Maximum heat input (nominal)	kW	34,3	26,3	31,1	26,3	26,3
Minimum heat input	kW	11,9	10,6	11,9	10,6	10,6
Maximum heat output (nominal)	kW	31	21	28	24	24
Minimum heat output	kW	10,4	9,3	10,4	9,3	9,3
Maximum efficiency (nominal)	%	90,3	90,3	90,3	90,3	90,3
Efficiency at 30% capacity	%	88	88	88	88	88
Sealed combustion chamber		•	•	•	•	•
Minimum working temperature		- 4	- 4	- 4	- 4	- 4
Expansion vessel	l/bar	10/0,5	8/0,5	10/0,5	8/0,5	8/0,5
Heating system max pressure	bar	3	3	3	3	3
Regulation of DHW temperature	°C	35/65	35/65	35/65	35/65	-
DHW production ΔT 25°C	l/min	18	13,7	16	13,7	-
DHW production ΔT 35°C	l/min	12,7	9,8	11,4	9,8	-
Minimum capacity DHW flow rate	l/min	2,5	2,5	2,5	2,5	-
Minimum pressure on DHW system	bar	0,2	0,2	0,2	0,2	-
Maximum pressure on DHW system	bar	8	8	8	8	-
Dimensions: Height	mm	760	760	800	800	760
Width	mm	450	450	450	450	450
Depth	mm	345	345	345	345	345
Flue tube	Ø mm	-	-	140	120	-
Coaxial/dual flue tube	Ø mm	60-100/80	60-100/80	-	-	60-100/80
Net weight	kg	41	39	35,5	34,5	37
Gas type		Meth/LPG	Meth/LPG	Meth/LPG	Meth/LPG	Meth/LPG
Inlet supply pressure: Methane	mbar	20	20	20	20	20
Inlet supply pressure: LPG (G30-G31)	mbar	-37	30/37	30/37	30/37	30/37
Voltage	V	230	230	230	230	230
Power consumption	W	190	170	110	110	170
Available also in LPG version		•	•	•	•	•

DISTRIBUTED BY:



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