

Forza Floor Standing Boiler F50 and F100 Technical Data

FEATURES

- Condensing technology
- Type A Appliance
- Stainless steel heat exchanger (AISI 304L)
- Wide modulating range (1 : 20)
- 50kw or 100kw floor standing modules
- Integrated primary pump/s and hydraulic separator
- Connection to BMS
- Webvisor accessory for remote supervision of heating plant
- External or internal installation options

		Forza 50	Forza 100
Order Code		F50	F100
Heat Output Max, 50/30	kW	53.4	106.8
Gas Consumption	MJ/hr	198	396
Eff 100% Pn - 80/60	%	98.37	98.37
Eff 100% Pn - 50/30	%	106.8	106.8
Eff 30% Pn - 80/60	%	102.8	102.8
Eff 30% Pn - 50/30	%	108.83	108.83
Max. Operating Pressure	kPa	300	300
Min. Operating Pressure	kPa	30	30
Flow & Return Connections	mm	Ø40	Ø40
Gas Connection (G)	mm	Ø20	Ø25
Condensate Connection	mm	Ø25	Ø25
Height	mm	1455	1455
Depth	mm	582	582
Width	mm	480	735
Weight	kg	80	95
Flue Outlet	mm	Ø80	Ø100
Noise Rating	dB	52	52
Adjustable CH Range	°C	30-80 / 25-45	30-80 / 25-45
Max. Operating Temp.	°C	95	95
NOx Class	class	6	6
Max Absorbed Power	W	324	540
Elec Consumption - boiler off	W	10.5	14



The Forza appliances are floor standing condensing boilers designed for heating purposes.

Available as 50kw or 100kw modules with up to 1:20 modulation, they provide unrivalled flexibility and performance from a small footprint.

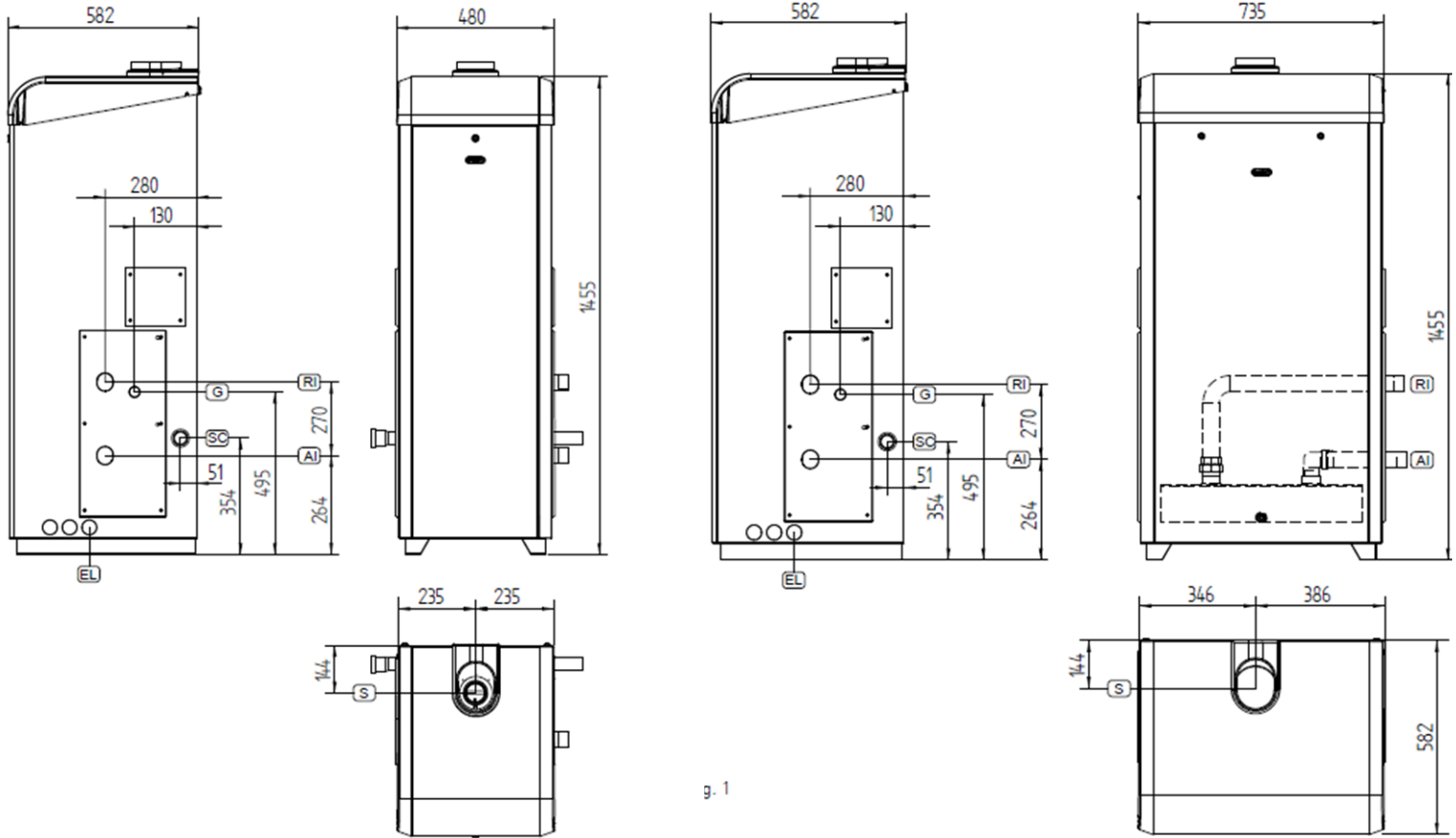
The Forza range features integrated pump/s with PWM control which works in conjunction with the PCB, fan and burner to control the ΔT and maximise efficiency.

The F50 and F100 single appliances have the added benefit of an integrated hydraulic separator saving installation time and associated costs.

The hydraulic separator is designed to create a low velocity area that allows independent operation of the primary & secondary circuits. This will maximise efficiency, provide protection to the boiler and and reduce maintenance costs over the lifetime of the appliance.

With multiple installation options for internal & external applications, the Forza series is the perfect solution for purposes such as underfloor heating, pool/spa heating, HVAC applications and DHW production via an Aleabrax heat exchange tank.

Forza 50 & 100



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Installation Options

The Forza F50 and F100 condensing boiler appliances can be installed in outside or in a plant room with suitable ventilation

Flueing components are stainless steel to guarantee the highest mechanical resistance to the chemical action of the condensate and an easy installation.

Internal installations will utilise 80mm or 100mm flueing components for fumes discharge with air for combustion drawn from atmosphere.

In case of roof installation, external flue terminals complete with wind-proof head for the direct flue exhaust are also available.

Please refer to the installation manuals for more information on installation requirements.

Accessories	Order Code
Easy Remote for Aleabrax Condensing Appliances	40-00017
Digital Thermostat Weekly Program	86047LA
Zone Valve Management Kit	65-00030
Sensor Outdoor Temperature Weather Compensation	73518LA
Condensate Discharge Pump	82156LA
External Vertical Terminal S/S 50kw 80mm	50-00377
Flue Terminal Horizontal Single Pipe S/S 80mm	
Flue Terminal Vertical Single Pipe S/S 80mm	
Flue Extension Single Pipe S/S 1mtr x 80mm	
Flue Bend Single Pipe S/S 80mm x 90°	
External Vertical Terminal S/S 100kw 100mm	80019LA
Flue Terminal Horizontal Single Pipe S/S 100mm	
Flue Terminal Vertical Single Pipe S/S 100mm	
Flue Extension Single Pipe S/S 1mtr x 100mm	
Flue Bend Single Pipe S/S 100mm x 90°	
Forza Accessory Box Empty	35-00176

Care has been taken to ensure that all information is as accurate as possible at the time of publication. However, specifications, methods and figures are subject to change without prior notice.

For more information visit:

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