

# GAS BOOSTER

## FD15-12 GAS HEATING ELEMENT



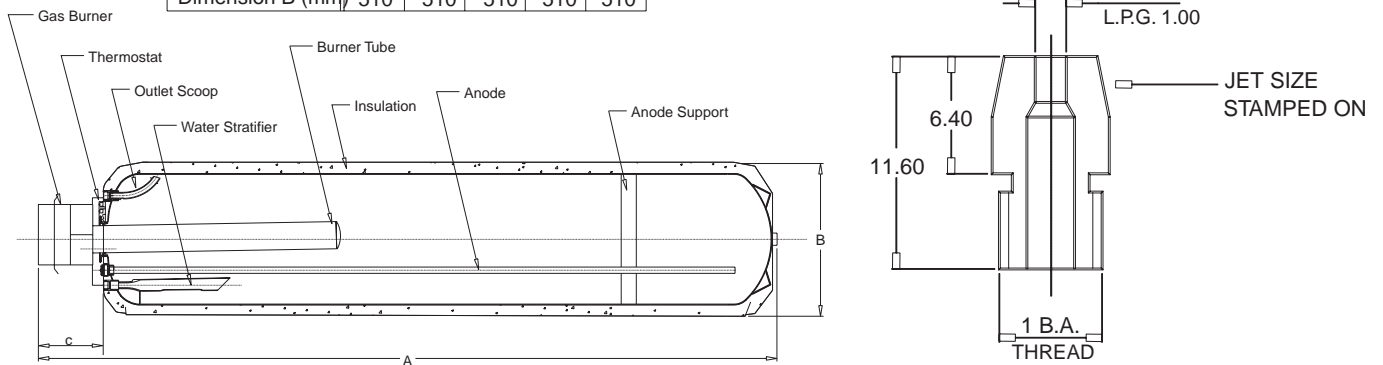
### Description

The gas booster consists of a ceramic lined fire chamber and can be fitted to all Solahart Thermosiphon systems and Heat Store units.

The control system is designed to monitor an air pressure switch, the thermostat and burner continuously, to determine when the operating sequence should be initiated.

The system incorporates a 15 second prepurge and 120 second post purge cycle.

MODEL	150	180	220	300	440
Dimension A (mm)	1490	1694	2140	2510	3485
Dimension B (mm)	510	510	510	510	510



### Hot Water Recovery Using Booster

Gas Boost Rating	13Mj	(3.6kW)
Primary Voltage	220-250	Volts AC
Secondary Voltage	12	Volts DC
Temperature Rise		
	30C litres/hr	40C litres/hr
	100	75
		50C litres/hr
		60
Gas Type		
	Natural	LPG
Jet Diameter	1.7 mm	1.05 mm
Gas Consumption	13 Mj/hr	13 Mj/hr
Operating Pressure	1.00 kPa	2.75 kPa

### Thermosiphon Systems

Gas Boosting Element Mounting Location & Dimension Details					
	150 litre	180 litre	220 litre	300 litre	440 litre
A	1490 mm	1694 mm	2140 mm	2510 mm	3485 mm
B	510 mm	510 mm	510 mm	510 mm	510 mm
C	200 mm	200 mm	200 mm	200 mm	200 mm

Primary Power Supply:	240 Volts AC 50Hz	
Secondary Power Supply:	12 Volts DC	1.0 Amps
Fan:	12 Volts DC	0.22 Amps
Solenoid/Regulator:	12 Volts DC	0.48 Amps
Electronic Controller:	12 Volts DC	
Thermostat	Adjustable	Factory set at 60C
Gas Connection:	3/8" Female	
	Use Separate Conversion Kit for LPG	
	Connections	

