

Technical Data Table

Baxi 800 Heat		16 Heat	25 Heat	30 Heat
Sales Code	Boiler only	7749866	7749868	7749869
Controls and accessories				
Operating mode selector switch with reset	Yes / no	Yes	Yes	Yes
User adjustable CH temperature	Range - e.g. 45° to 82°	Yes	Yes	Yes
LED temp/status/fault diagnosis display	Yes / no	Yes	Yes	Yes
Baxi twin channel wired programmer	7212443	Optional	Optional	Optional
Baxi room thermostat	720971601	Optional	Optional	Optional
Gas				

Boiler Plus ErP	%	93.0	93.0	93.0
SAP 2009 annual efficiency (PCDB/SEDBUK)	%	89.2	89.1	89.1
NOx class	6	6	6	6
ErP Product Information				
NOx	mg/kWh	20	24	24
Sound Power Level, Indoors	LWA dB	39	45	49
Space Heating Efficiency Class		A	A	A
Heat Input CH	kW max gross (QnHs)	18.32	28.62	34.35
	kW min gross (QnHs)	8.59	8.59	8.59

Heat Output CH (non condensing)	kW (Pn)	16	25	30
	kW (Pn)	7.5	7.5	7.5
Gas supply connection	(mm)	22	22	22
Inlet supply pressure (natural gas)	mbar	20	20	20
Maximum gas rate	m ³ /hr	1.75	2.73	3.27
Mechanical and hydraulic				
Compartment ventilation required	Yes / no	No	No	No
Flow / return pipe size	(mm)	22	22	22
Condensate discharge pipe size	(mm)	21.5	21.5	21.5
Electrical				

Electrical supply	Volts / Hz	230V/50Hz	230V/50Hz	230V/50Hz
Permanent live required	Yes / no	No	No	No
Switched live	Yes / no	Yes	Yes	Yes
Electrical power cable fitted as standard	1m of 3 core	Yes	Yes	Yes
Power consumption	Watts	20	33	44
External fuse rating	Amps	3	3	3
Internal fuse rating		1.6T	1.6T	1.6T
Boiler IP rating (electrical protection)	Approval category	IPX4D	IPX4D	IPX4D
Pump overrun	Yes / no	No	No	No
Concentric flue system				

Standard telescopic concentric flue	Length in mm	315-500	315-500	315-500
Horizontal and Vertical concentric (60/100 mm)	Max equivalent length (m)	6	6	6
	Reduction per 135° bend (m)	0.5	0.5	0.5
	Reduction per 93° bend (m)	1	1	1
Horizontal and Vertical concentric (80/125mm)	Max equivalent length (m)	12	12	12
Weights				
Installer lift weight (boiler)	Max (kg)	17.4	17.4	19.5
Gross packaged boiler weight	(kg)	21.3	21.3	21.3