

Technical Data Table

		Baxi 636 Combi LPG
Sales Code	Boiler Only	7703805
Controls and accessories		
User adjustable DHW temperature	Range - 30°C to 60°C	Yes
User adjustable CH temperature	Range - 25°C to 80°C	Yes
Temp/status/fault diagnosis display		LCD Display
uSense Wired (optional accessory)	7649277	Optional
Integral 24 hr Electro-mechanical timer (optional accessory)		N/A
Wired 24 hr Electro-mechanical timer (optional accessory)	720971401	Optional

7 day RF Digital Programmable Room Thermostat (optional accessory)	720030501	Optional
Single Channel Wired Programmable room Thermostat (optional accessory)	7212438	Optional
Single Channel Wired Timer (optional accessory)	7212444	Optional
Wired Room Thermostat (optional accessory)	720971601	Optional
Multifit Twin Channel Wired Programmer (optional accessory)	7212443	N/A
Multifit IFOS weather compensation (optional accessory)	7724181	Optional
Multifit IFOS Extension (optional accessory)	7724260	Optional
Multifit IFOS System (optional accessory)	7729979	N/A
Ridge Tile IFOS (optional accessory)	7729943	Optional
Baxi Easy-fill Permenant Filling Link	7665482	Yes

Gas		
Natural gas		No
Propane LPG		Yes
Inlet supply pressure (natural gas)	mbar (nominal)	37
Maximum Gas Rate (G20) Qmax	m ³ /hr	2.83
Maximum Gas Rate (G31) Qmax	kg/h	2.83
N0x	mg/kWh	39
N0x Class		6
Heat input CH	kW (max) Gross (QnHs)	28.6
	kW (min) Gross (QnHs)	7.4
Heat Output CH (non-condensing)	kW (Max) (Pn)	25

	kW (Min) (Pn)	6.7
Heat Output CH (condensing)	kW (Max) (Pnc)	26.4
	kW (Min) (Pnc)	6.7
Heat Input Domestic Hot Water (DHW)	kW max gross (QnwHs)	40.8
Heat Output Domestic Hot Water (DHW)	kW max	36
ErP Product Information		
Seasonal Space Heating Energy Efficiency		93%
Sound Power Levels, indoors	IWA dB	51
Space Heating Efficiency Class		A
Water Heating Declared Load Profile		XL
Water Heating Efficiency class		A
Electrical		

Electrical Supply	Volts / Hz	230 / 50
Permanent Live Required		Yes
Electrical Cable Supplied	(0.75mm heat resistant flex)	No
Power consumption when firing	Watts	110
External fuse rating	Amps	3
Internal fuse rating	Amps	F2A H250V
Boiler IP rating (electrical protection) without integral timer fixed	Approval category	IPX5D
Circulating pump exercise feature		Yes
Pump Overrun		Yes
Integral 'boiler only' Frost Thermostat		Yes
Mechanical		

Hanging Bracket		Yes
Isolating valves with pre-formed copper tails		Yes
Gas supply Connection	(mm)	22
Central Heating Connections	(mm)	22
Domestic Hot Water Connections	(mm)	15
Condense Discharge Pipe Connections	(mm)	21.5
Safety Discharge Pipe Connections	(mm)	15
Pre-Plumb Jig (optional accessory)	7682545	Optional
Rear Pipework Kit (optional accessory)	7682790	Optional
Remote Secondary PRV kit (optional accessory)	5121379	Optional
Hydraulic		
Maximum DHW flow rate (Delta T @ 35'C rise)	l/min	15

Minimum DHW flow rate required	l/min	2
Minimum Operating DHW pressure required	bar	0.5
Maximum DHW System Pressure	bar	8
Safety Discharge Pressure	bar	3
Compartment Ventilation Required		No
Integral Expansion Vessel	Size (litres)	7
Maximum Capacity of CH System	Litres	100
Integral Automatic Bypass		Yes
CH System Inhibitor Required		Yes
Concentric flue systems		
Concentric Flue Diameters	(mm)	60/100 and 80/125

Standard telescopic horizontal flue (60/100)	(mm)	315 - 500
Standard horizontal flue kit (60/100)	(mm)	685
Max equiv length horizontal / vertical (60/100)	m	10
Max equiv length horizontal / vertical (80/125)	m	20
Equivalent length per 135' bend	m	0.5
Equivalent length per 93' bend	m	1
Weights		
Installer Lift Weight (boiler)	(kg)	30.2
Gross packaged boiler weight	(kg)	33.5