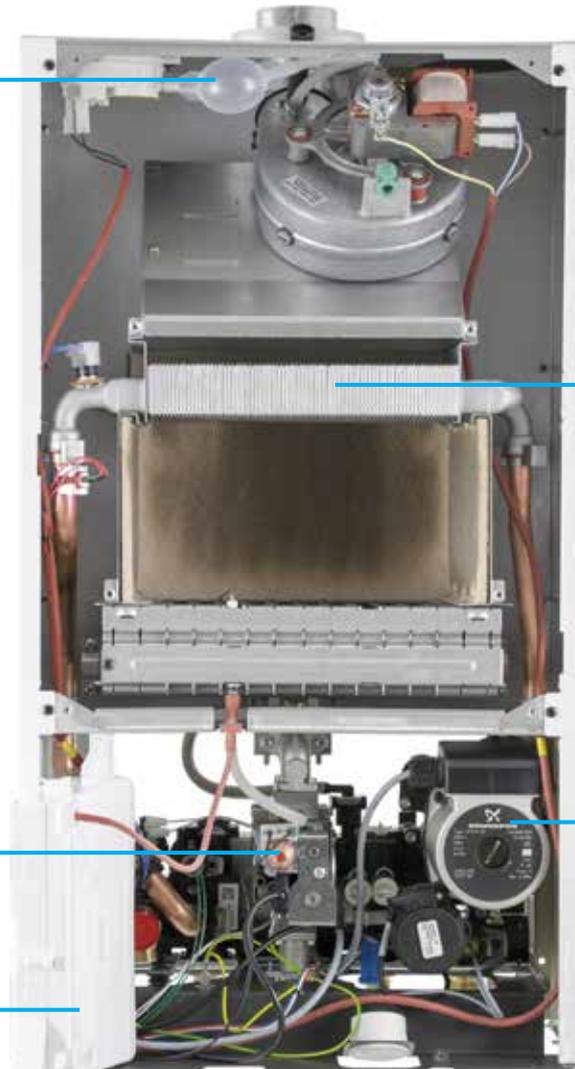




Gas wall hung compact boilers

Reliability and compact dimensions

Condensate bubble
to avoid pressure switch
blocking due to icing



Primary heat
exchanger
Made of copper pipes
(single coil) with
protective coating

Modulating gas valve
Gas control with double
safety solenoid and
Independent
built-in modulating
device

4 extra fuse 2A
included in the control
box device

5 m Grundfos
pump (single
speed)

2 nipples M/F G3/4 included
in the package



Eco-Home is the new Baxi boiler distinguished by **reliability and compact dimensions (730x400x299)**. It is easy to install and use, ideal for multi-flat dwelling and for any kind of installation, it perfectly suits a kitchen cabinet. Eco-Home is available in a wide range of Combi fanned flue models with an output up to 24 kW.

Easy to reach check valve
(expansion vessel)



Pre-arranged left and
right air inlet for dual flue
systems

Independent adjustment of CH
and DHW temperatures



Backlight LCD display with full
diagnostics



Eco-Home

- Digital control panel with wide LCD display
- Compact hydraulic group with 3 way electric valve provided with metal bar for a safe installation
- Connection to Baxi integrated solar systems option
- Ultra Compact dimensions: 730x400x299
- Full anti-frost device
- Able to safely work with a minimum gas pressure of 4 mbar
- 3 way electric valve on the CH return circuit to protect the boiler from temperature shocks and heat peaks
- Extractable filter on the CH return circuit to protect the primary exchanger from impurities
- Sanitary flowmeter with turbine for a perfect modulation of the output according to the DHW demand
- Electronic ignition and flame sensing device
- IPX5D: the maximum achievable grade of protection against water
- Easy maintenance: frontal access to all components

Hydraulic system

- 3 way electric valve
- Steel burner
- Primary exchanger made of copper pipes protected with anti-corrosion coating
- Stainless steel DHW heat exchanger
- Automatic by-pass
- Low energy circulating pump with automatic air vent
- System to prevent pump and 3 way electric valve operating every 24 hours
- Central heating relief valve set at 3 bar

Thermoregulation system

- Two heating temperatures possible ranges: 30/85°C, 30/45°C
- Built-in climatic regulation (outdoor sensor available as optional)

Control system

- Overheat limit thermostat to protect primary exchanger
- Hydraulic pressure switch to prevent boiler's operating in event of low water
- Pressure switch to ensure safe discharge of flue products (fanned flue models)
- Flue thermostat to ensure safe discharge of flue products (open flue models)
- Manometer
- Electronic thermometer

		Combi Fanned flue		
		24 F	14 F	10 F
Maximum heat input	kW	25,8	15,7	11,3
Minimum heat input	kW	10,6	10,6	11,3
Maximum heat output	kW	24	14	10
Minimum heat output	kW	9,3	9,3	10
Minimum working temperature	°C	-5	-5	-5
Expansion vessel capacity/pre-charge	l/bar	6/0,5	6/0,5	6/0,5
Maximum capacity of the heating system	l	100	100	100
Heating system max pressure	bar	3	3	3
Regulation of water temperature in Heating circuit	l/bar	6/0,5	6/0,5	6/0,5
Regulation of water temperature in DHW circuit	°C	30/85	30/85	30/85
Specific flow according to EN 625	l/min	11	11	11
DHW production ΔT 25°C	l/min	13,7	13,7	13,7
Minimum capacity DHW flow rate	l/min	2,0	2,0	2,0
Maximum pressure on DHW circuit	bar	8	8	8
Coaxial flue system Ø 60/100 max length	m	5	5	5
Dual flue system Ø 80 max length	m	23	23	23
Maximum flue mass flow rate	kg/s	0,016	0,016	0,016
Minimum flue mass flow rate	kg/s	0,016	0,016	0,016
Maximum flue temperature	°C	141	141	141
Dimensions (h x w x d)	mm	730X400X299		
Net weight	kg	30		
Gas type		Natural gas/LPG		
Grade of protection		IPX5D		

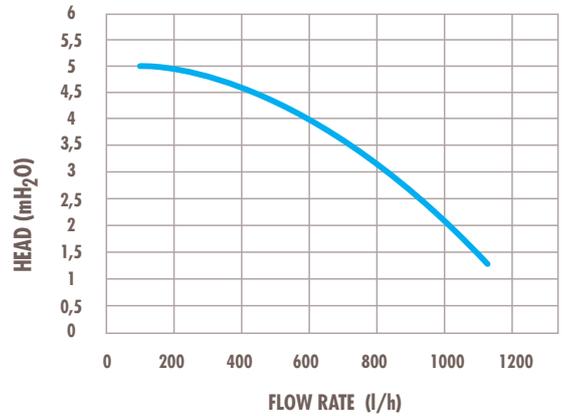


Fanned Flue

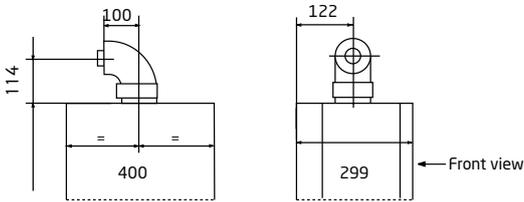
MR Heating system flow G 3/4"
 US DHW outlet G 1/2" (24F;24)
 GAS Gas inlet G 3/4"
 ES Mains water G 1/2"
 RR Heating system return G 3/4"

A Boiler hanging points.
 Distance between hanging points: 343 mm
 B Distance between hanging points and hydraulic connection

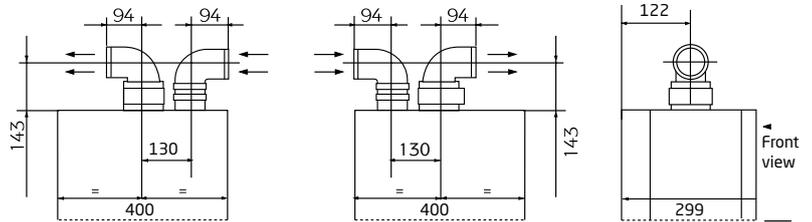
Eco-Home 24F, 14F, 10F



Fanned flue Coaxial flue system



Dual flue system



Quality Environment Safety

are Baxi strategic aims and the awarded certifications ensure compliance with the specific regulations

BAXISPA

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