

# ELECTRIC COMBI BOILERS CO.

- **Elektra** electric combi boilers work exactly like gas combi boilers
- As with Gas combi boilers, all components are built in
- Only External filling loop, Room stat or central heating programmer is needed
- Switching from Gas to Electric boiler allows the end user to run the heating & hot water more safely, efficiently, economically and practically

## Our range of boilers are 12 kW using 50A



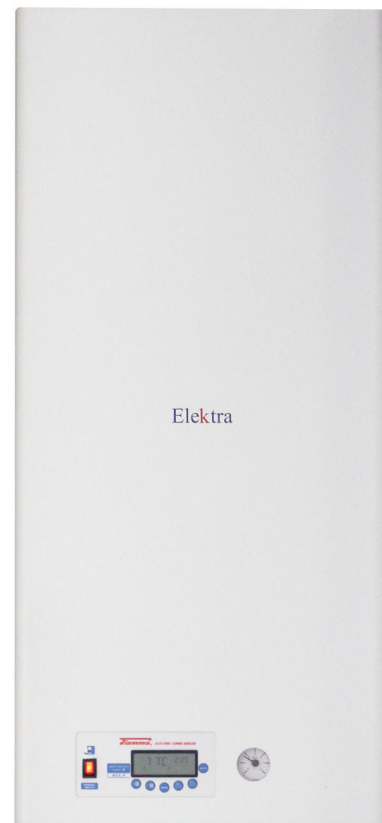
All three boilers can heat up a small flat to a big house. In case of a big house i.e. with large number of radiators, the only difference will be that the radiators will take slightly longer to heat up.



**Elektra C** uses full 12kw to deliver 8ltr/min at 40-50°C

**Elektra BP** operates in two modes:

- **Eco mode:** Uses 2kw immersion heater in the cylinder to heat 37.5 ltrs of water to 65°C at 13lt/min. This gives enough water to shower for about 5-10 minutes depending on the hot water flow rate used. Eco is very economical as it costs about 14p for the cylinder to heat up which takes about 30 - 40 mins.
- **Comfort mode:** Uses 12 kw to replenish the cylinder with hot water when any stored hot water is used from the cylinder. In this mode continuous hot water is supplied for 1-2 outlets.



## SAFER

- Does not produce CO or condensate
- When protected by RCD & MCB, totally safe
- CO detectors not required
- Do not require Gas Safe certificate in case of rented properties
- Has an inbuilt function where the domestic water is heated up to 65°C to eliminate Legionella bacteria in order to meet "The new Legionella Laws for landlords and letting agents"

## ECONOMICAL

- No Gas Valve, Fan, Air Pressure Switches, Ignition PCB's, Air Flow detectors, Ignition leads, Electrodes, Burners which saves the user money
- No yearly servicing required
- Easy fault finding
- Fewer and more affordable parts
- Can be integrated with PV panels to yield further savings

## PRACTICAL

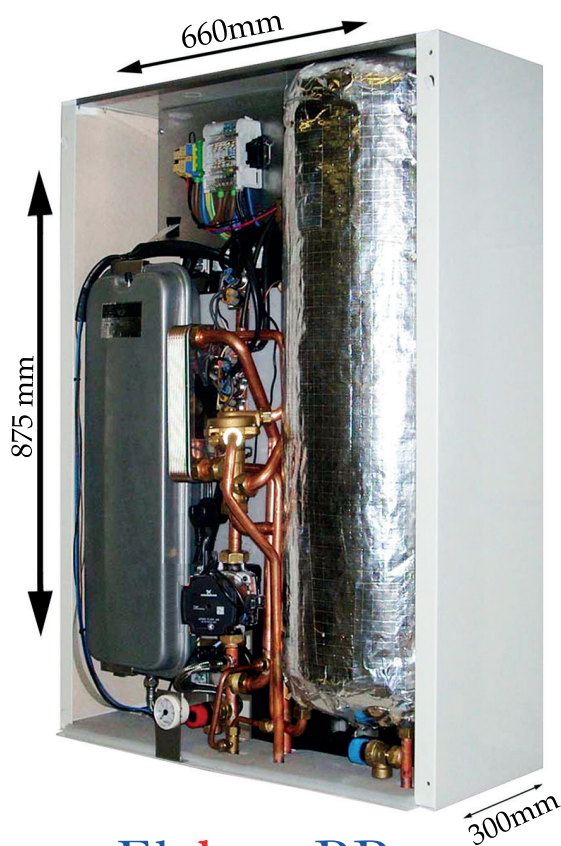
- Does not require external wall for mounting the boiler
- No Gas pipe means for much easier installation
- No flue required
- No condensate produced therefore no corrosion of metals

	Gas	Electric
Efficiency	?	99.9%
Installation	Limited	Unlimited
Flue/ventilation	Yes	No
Carbon Monoxide issues	Yes	No
Gas Safe Certificate	Yes	No
Condensate Issues	Yes	No
Blockages within boiler	Yes	No
Yearly service	Yes	No

## EFFICIENT

- Uses 99.9% of electricity
- GB vary in their efficiency, depending on the age of the boiler and servicing history. This means that 1kwh cost of electricity is, say 5p compared to 15p kWh gas, GB boiler will definitely burn more volume of Gas.
- GB use electricity to drive the fan for CO elimination, this consumption of electricity is eliminated from EB
- GB uses full 24kw to give instant hot water where EB uses 2-12 kw to give instant hot water

GB: Gas boiler EB: Electric Boiler

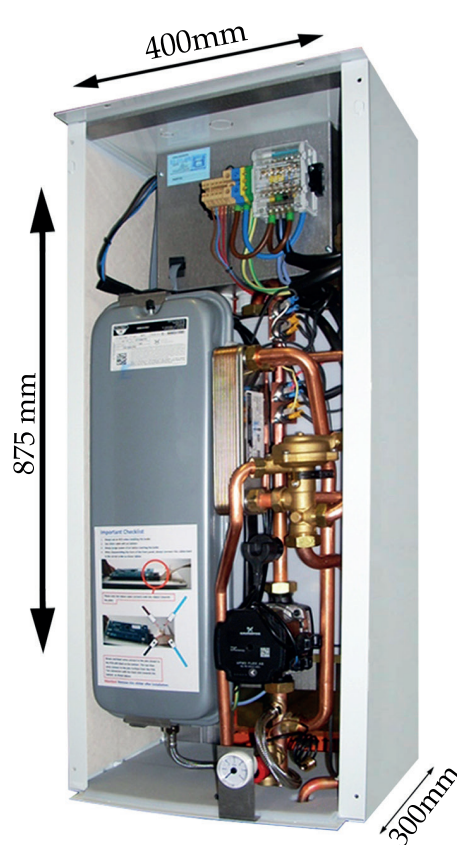


## Elektra BP

Wall hung instant combi boiler  
+ cylinder

- Heating and instantaneous hot water 13lt/min at 65°C
- Fully double insulated
- Eco & Comfort mode
- 37.5 lt tank capacity
- 65kg

EK.BP

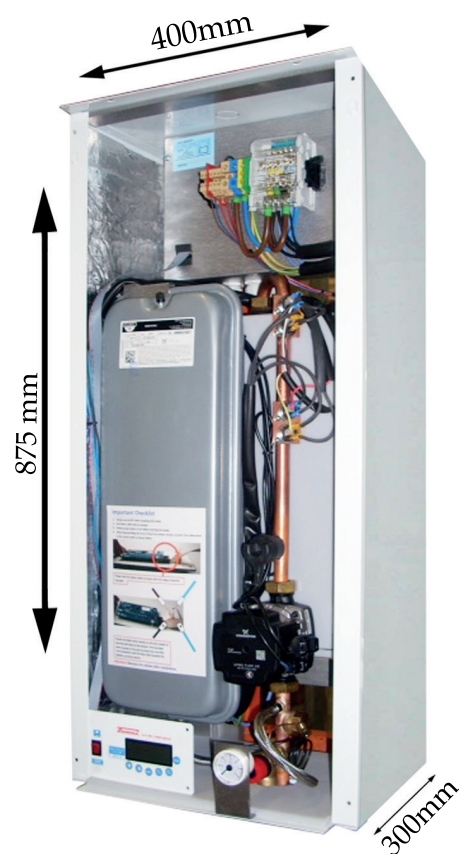


## Elektra C

Wall hung instant combi boiler

- Heating and instantaneous hot water 8lt/min at 40 - 50°C
- Fully insulated
- 43kg

EK.C



## Elektra N

Wall hung system boiler

- Heating only
- All components built in
- Fully insulated
- 41kg

EK.N

## Main Features

- Clean and safe form of heating and hot water solution
- Instantaneous and continuous hot water
- 230/240V single phase
- Uses 50 Amps
- Uses 10mm cable
- Completely silent due to TRIAC based technology (D.E.S. system)
- Can be used with radiators or under floor heating
- Modulates from 2kW - 12kW
- Digitally displays temperatures
- Hot water limited to 65°C (Ek.Bp, Ek.C)
- Central Heating limited to 75°C
- Economical and user friendly
- Anti - Legionella function
- 37.5 lt glass lined, insulated cylinder with inspection flange, fitted with magnesium anode and mounted with an insulated boiler casing (Ek.Bp only)
- All boilers come with 2 years warranty

Elektra boilers are IMQ tested  
Equipment compliant CE Directive  
2006/42 IEC 60335-2-21:2012 with  
IEC 60335-1:2010 with EN  
60335-2-21:2003 + A1:2005 + A2:2008  
- EN 60335-1:2012 - EN 62233:2008



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**COMBI BOILERS CO.**

**Fiamma**

