


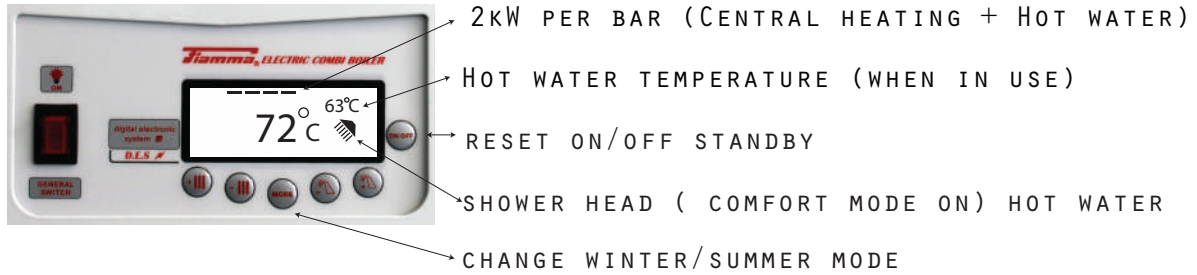
**EK: BPL**

**ELECTRIC**   
**COMBI BOILERS CO.**  
**INSTALLATION & SERVICE**  
**GUIDE**

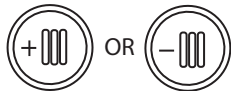


FLICKER  
HARMONICS  
TESTED

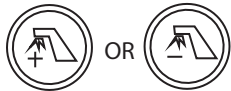
## READING YOUR CONTROL PANNEL



PRESS AND HOLD THE MODE BUTTON TO SWITCH BETWEEN WINTER AND SUMMER MODE.



PRESS TO ADJUST THE HEATING TEMPERATURE



PRESS TO ADJUST THE HOT WATER TEMPERATURE



PRESS AND HOLD SIMULTANEOUSLY, TO SWITCH BETWEEN COMFORT AND ECO MODE FOR HOT WATER



PRESS SIMULTANEOUSLY, TO START DE-AIR PROGRAM. IT WILL RUN FOR 13 MINUTES & RELEASE AIR FROM BOILER

PLEASE REFER TO MANUAL FOR MORE DETAILS

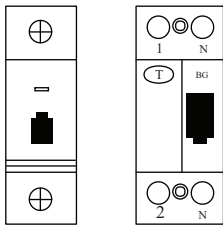
## INSTALLATION CHECKLIST

- Install filling loop on inlet (return) pipe.
- Install scale reducer, if the water hardness is medium/high.
- Install central heating filter. (non-bypass filter recommended)
- If the cold water mains pressure to the boiler is more than 2 bar, install pressure PRV.  
Set the PRV between 1.5-2.0 bar. This is the working Pressure.
- Ensure to set correct flow rate of boiler after installation .  
(Model :C = 6-8Lt/min : BPC/BPL = 10-13Lt/min)
- Ensure to leave clearance as per the boiler model.
- Install dedicated 63A RCD & 50A MCB.
- Ensure you have ventilation for the boiler in the cupboard or cabinet.
- Install a minimum 10mm cable from the consumer box to the boiler via isolator.
- Ensure to use spade connectors provided with the boilers for the 10 or 16mm on the mains connectors on the boiler. (SY & Flexi cable only)
- Ensure to use a relay, if using 240v/Switch Live to T & A connection in the boiler.
- Ensure to purge the system & boiler before running heating & hot water.
- Use surge protection for the boiler to save the appliance from frequent power cuts.
- Due to logistics and handling of the boiler during installation this could lead to minor leaks in the connections. Ensure to tighten the connections or replace with new washers or seals to fix the leak.

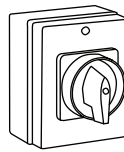
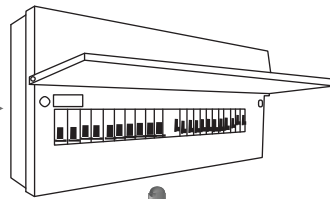
**EK: BPL**

	H:- 875 W:- 660 D:- 300
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DEDICATED

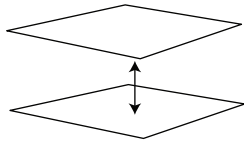


50A MCB    63A RCD

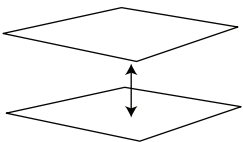


63A ROTARY  
ISOLATOR SWITCH

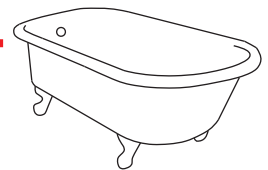
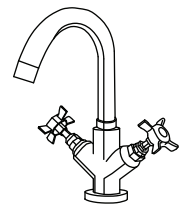
TOP  
300MM CLEARANCE



BOTTOM  
300MM CLEARANCE



HOT WATER  
15MM



15MM  
MAINS COLD WATER  
MAX 2 BAR PRESSURE

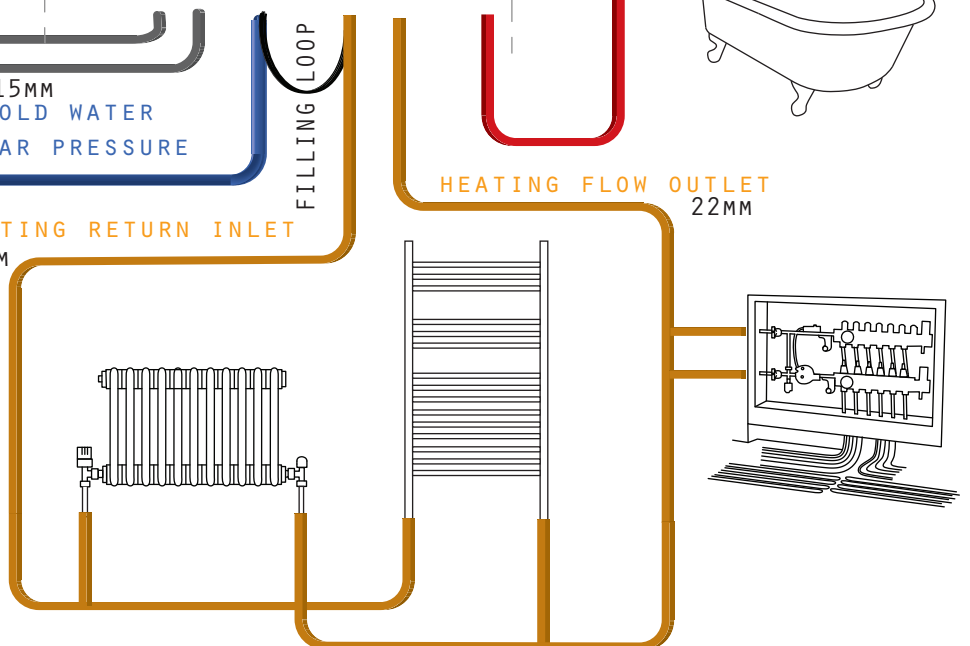
FILLING LOOP

HEATING RETURN INLET  
22MM

HEATING FLOW OUTLET  
22MM

DISCHARGE VALVE  
3 BAR  
( HEATING )  
15MM

DISCHARGE VALVE  
6 BAR  
( HOT WATER TANK )  
15MM



## ERROR CODES



FOLLOW OUR YOUTUBE CHANNEL FOR  
QUICK FIX TUTORIALS

CHANNEL :- ELECTRIC COMBI BOILERS COMPANY

## WARNING & CAUTION

- Do not connect 240v/Switch Live or low voltage on T & A connection in the boiler.
- Do not turn the boiler on without the heating system & hot water tank (applies to BPC & BPL only) filled with water.
  - Do not use cable less than 10mm for the boiler.
  - Do not use isolator switch less than 63A for the boiler.
  - Do not use MCB rated less than 50A for the boiler.
  - Do not share the RCD of the boiler with other MCB's.
- Do not leave the boiler on during power cut. Turn it back on only when the power is back.
- If leaving the boiler in ECO & Summer mode, please ensure to run the boiler central heating for at least 10 minutes once a week to avoid boiler circulating pump stuck issue.

## CONTACT

OFFICIAL DISTRIBUTOR FOR UNITED KINGDOM (GB)



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**ELECTRIC**     
**COMBI BOILERS CO.**