

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

## **ELEKTRA SMART BOILERS** **BPL / BPC - 6KW & 8KW** **INSTALLATION & SERVICE** **GUIDE**



## CONNECT THE BOILER TO YOUR SMARTPHONE



### STEP 1

DOWNLOAD THE MYBOILER APP TO YOUR SMARTPHONE



### STEP 2

CONNECT THE BOILER TO YOUR WIFI ROUTER:

1. SETTINGS
2. WIFI

USE THE DIRECTION BUTTON TO MAKE CHARACTERS SELECTION



### STEP 3

SIGN IN TO PAIR YOUR BOILER TO MYBOILER APP

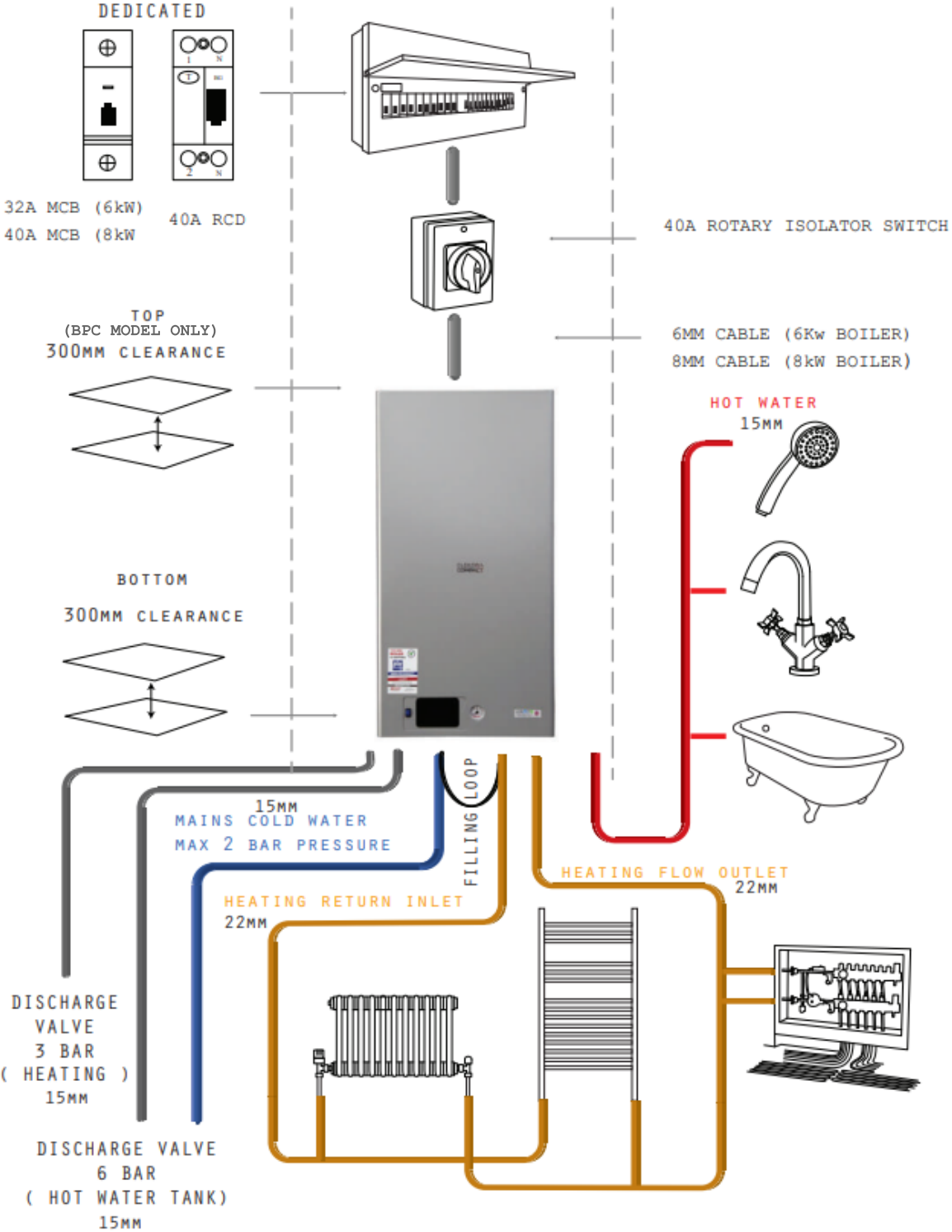
## INSTALLATION CHECKLIST

- 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).
- Install pressure reducing valve if the cold water mains pressure to the boiler is more than 2 bar.
- Set the PRV between 1.5 - 2.0 bar. This is the working Pressure.
- Make sure to set the correct flow rate on the boiler after installation.  
BPC/BPL 6kW: 5-6 Lt/min. BPC/BPL: 8kW 7-8Lt/min.
- Ensure to leave clearance as per the boiler model.
- Install dedicated RCD & MCB according to model:  
6kW: 40A RCD & 32A MCB 8kW: 40A RCD & 40A MCB.
- Ensure you have ventilation for the boiler in the cupboard or cabinet.
- Install a correct size cable from the consumer box to the boiler via isolator:  
BPC/BPL 6kW: minimum 6mm cable, BPC/BPL 8kW: minimum 8mm cable.
- Ensure to use spade connectors provided with the boilers for the on the mains connectors on the boiler. (SY & Flexi cable only).
- The boiler is compatible with NON-VOLT thermostats. If using 240v/Switch Live to T & A connection in the boiler (for room thermostats)make sure to use a relay.
- Ensure to purge the system & boiler before running heating and 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 minorleaks in the connections. Ensure to tighten the connections or replace with new washers or seals to fix the leak.

# SMART: BP



H:- 875  
W:- 450  
D:- 430





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CHANNEL :- ELECTRIC COMBI BOILERS COMPANY

- 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 other than the specified.
- Do not use isolator switch less than 40A for the boiler.
- Do not use MCB rated less than what's specified 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 a boiler circulating pump stuck issue.

# ELECTRIC COMBI BOILERS CO.

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