

Installation of Undercounter Boilers and Fonts

Introduction

The information provided in this document is intended to assist with the installation of Marco under-counter water boilers and fonts. Please read the instructions carefully to prevent accidents and ensure an efficient installation.

Only technicians or service providers authorised by Marco should carry out installation and maintenance of these machines.

Marco accepts no responsibility for any damage or injury caused by incorrect or unreasonable installation and/or operation.

Site Requirements

Water Connection

The cold water feed to the boiler should be terminated with a 3/4" BSP stop valve with a male fitting
Mains water pressure required (limits): 5-50psi (35-345kPa). Minimum flow rate: 2 litres/min

Electrical Connection

2.8kW machines come with a moulded 13amp plug used to connect to a 13amp socket
5.6kW machines must be hard-wired to a dedicated spur (25A) through a suitable cut-off switch
8.4kW machines must be hard-wired to a 3-phase supply through a suitable cut-off switch

IMPORTANT

- **Mount the font and boiler as close to each other as possible**
- **Cut excess length from all hoses**
- **Ensure there are no kinks or blockages along the length of the hoses**
- **Maximum temperature 93° Celcius measured at the thermistor pocket using a calibrated temperature meter**

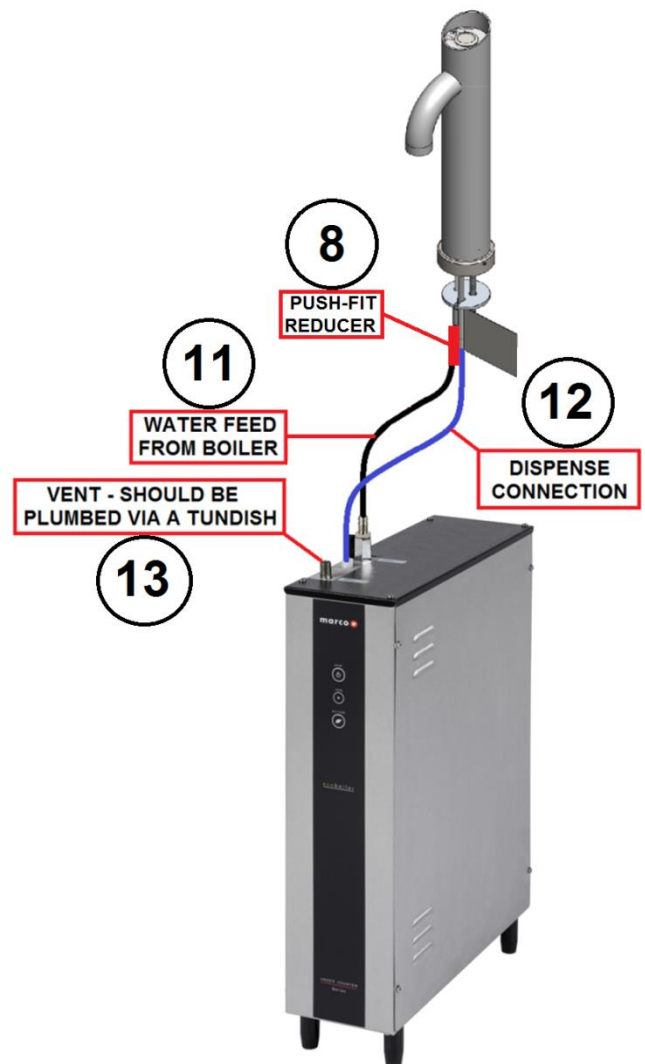
Further information can be found in the User Manual or Installation Manual which accompanies the equipment

Tubular Font (NDT) Installation – 1000584

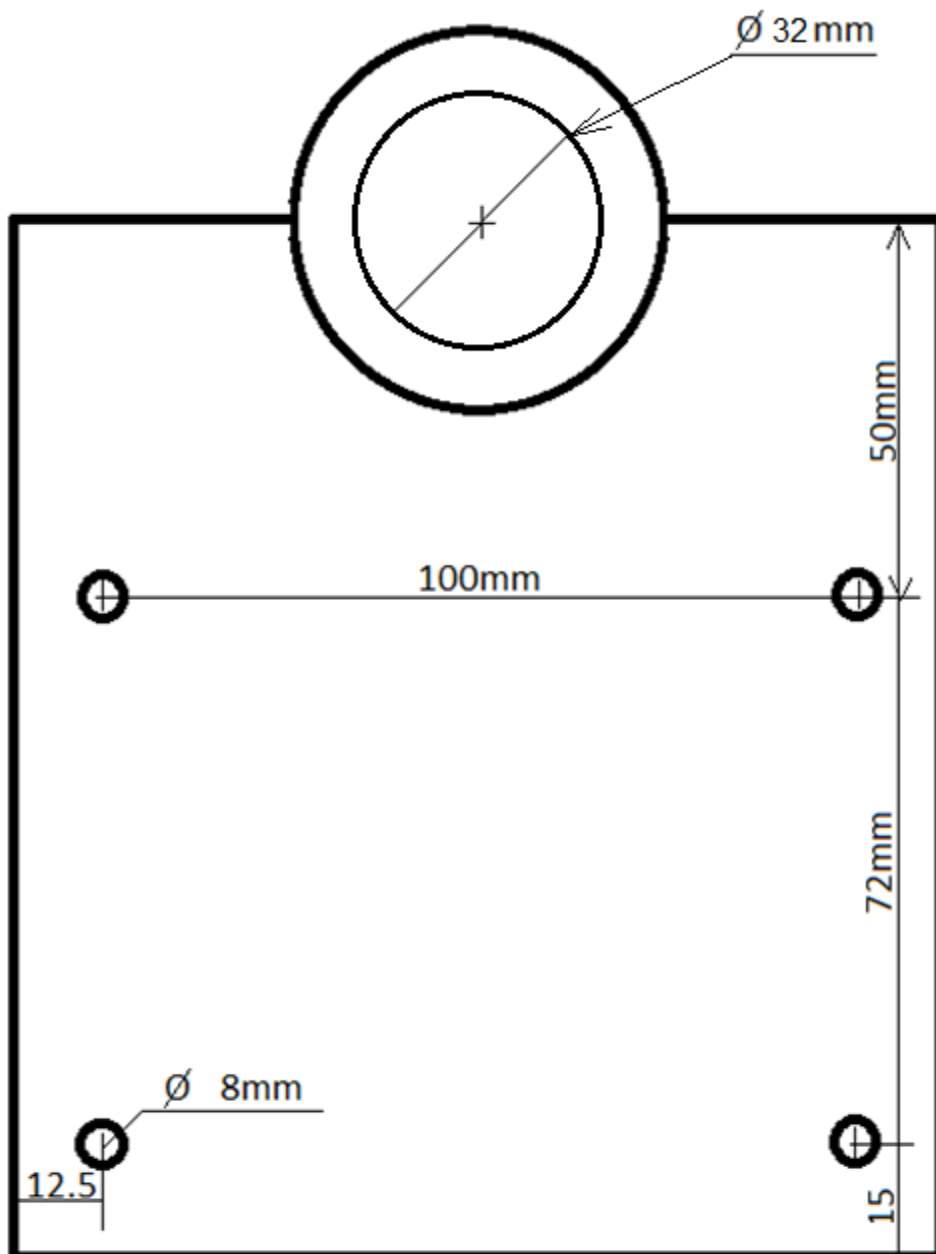
- 1) Remove the Tubular Font (NDT) from its packaging
- 2) Place on the counter and move it around to find the best mounting point. Ideally, the font and boiler should be mounted as close to each other as possible (no greater than 1.5 metre)
- 3) When mounting point has been decided, drill a **32mm** hole in the counter
- 4) Run a thin line of silicon sealant around the outside of the hole
- 5) Carefully feed the electrical dispense connection and the tubing through the hole
- 6) Centre the font over the hole, then lower it in to position
- 7) Using the supplied mounting plate and nuts, secure the font to the counter, ensuring that the font is centred over the hole

Note: The mounting plate is not symmetrical and will only fit when used the right way up

- 8) Connect the supplied push-fit reducer connector (1401657) to the nylon tubing protruding from the base of the font. Ensure it's pushed home fully
- 9) Connect the supplied silicon hosing to the other end of the reducer connector
- 10) Measure the length of silicon tubing required to comfortably connect to the boiler output while avoiding kinks and blockages in the tubing
- 11) Cut off any excess silicon tubing and then connect to the boiler output
- 12) Connect the electrical dispense connection to the boiler
- 13) The Vent can be plumbed to a drain or waste outlet using a Tundish or similar
- 14) Further operational procedures can be found in the Installation/User Manual



TUBULAR FONT – 1000585

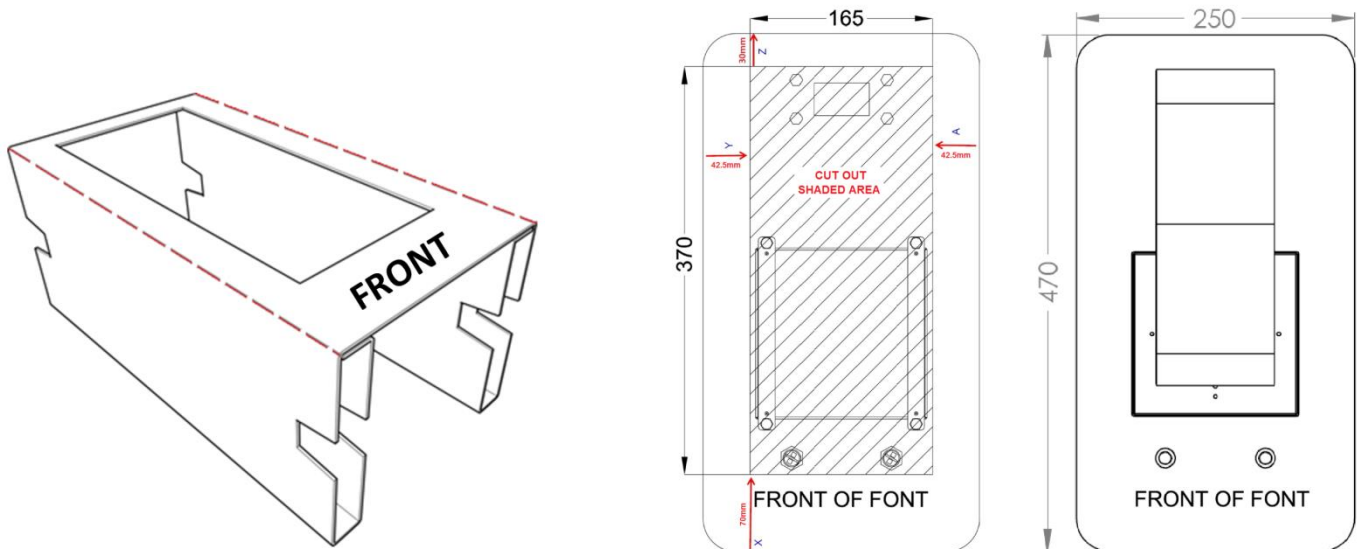


Drilling Template

SCALE 1:1

PRINT ON A4 SHEET WITH PRINTER SET TO 100%

Uber Font Installation - 1000811



Using the Packaging Template

Remove Uber Font from packaging. To use the packaging as a cut-out template, cut along the red dotted line illustrated above to create a cut-out template for mounting the font to a counter top. Ensure correct orientation.

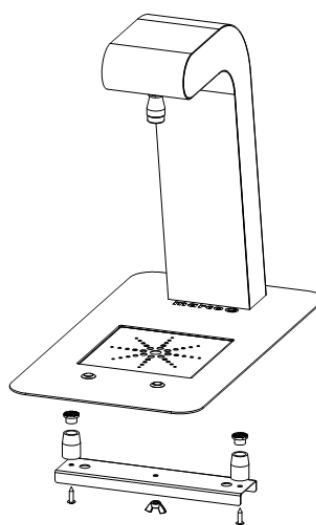
Using Dimensioned Template

Using the dimensions shown on the dimensioned drawing above, draw an outline on the counter of the area to be removed. Ensure correct orientation.

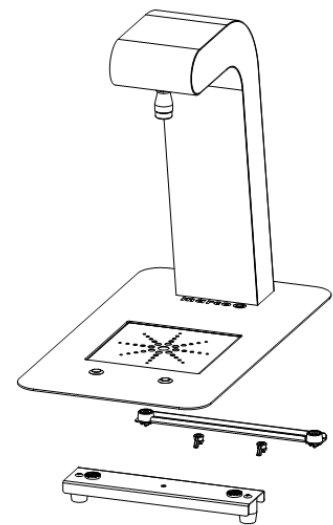
Mounting Bracket Installation

The fixing brackets can be configured to accommodate counters of thickness from less than 30mm up to 55mm.

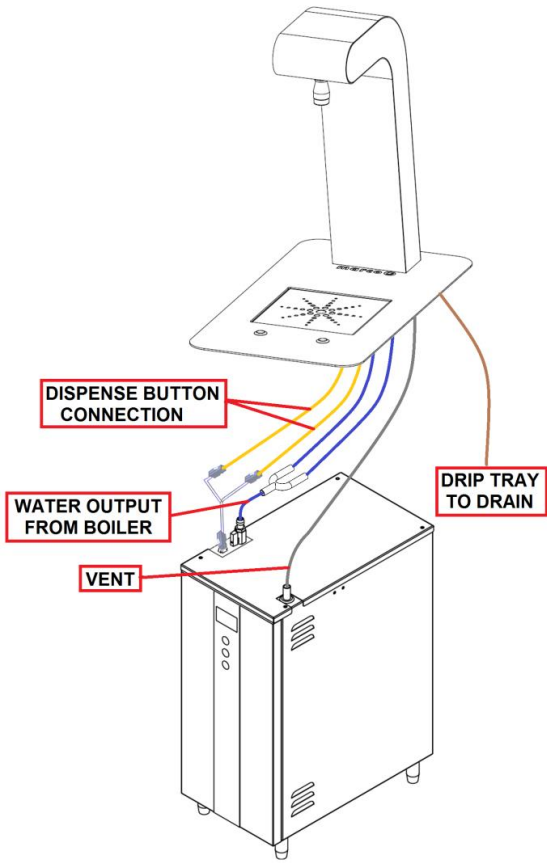
To adjust, simply attach the black rubber spacers to the mounting brackets as shown opposite



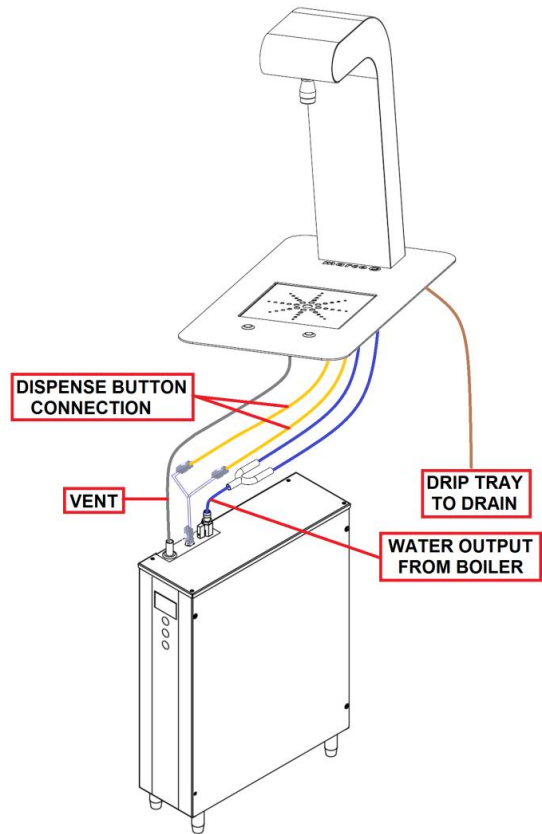
Swivel Brace Configuration
Thin Counter
Thickness <30mm



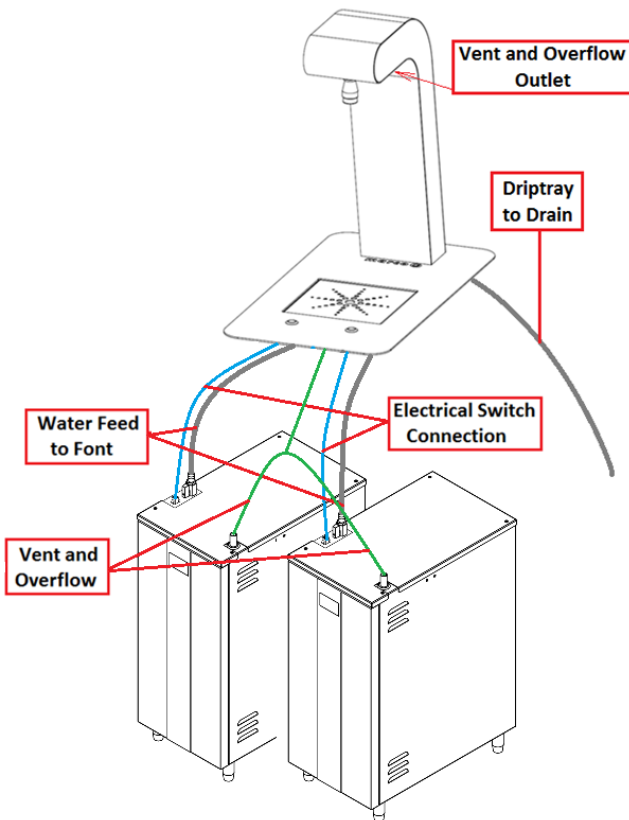
Swivel Brace Configuration
Standard Counter
Thickness 30-55mm



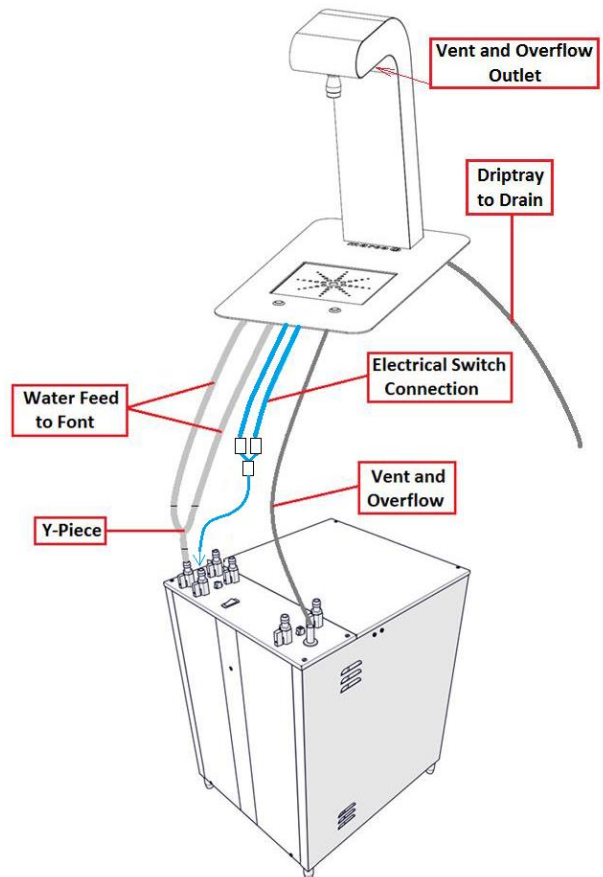
Uber Font & UC10 Boiler



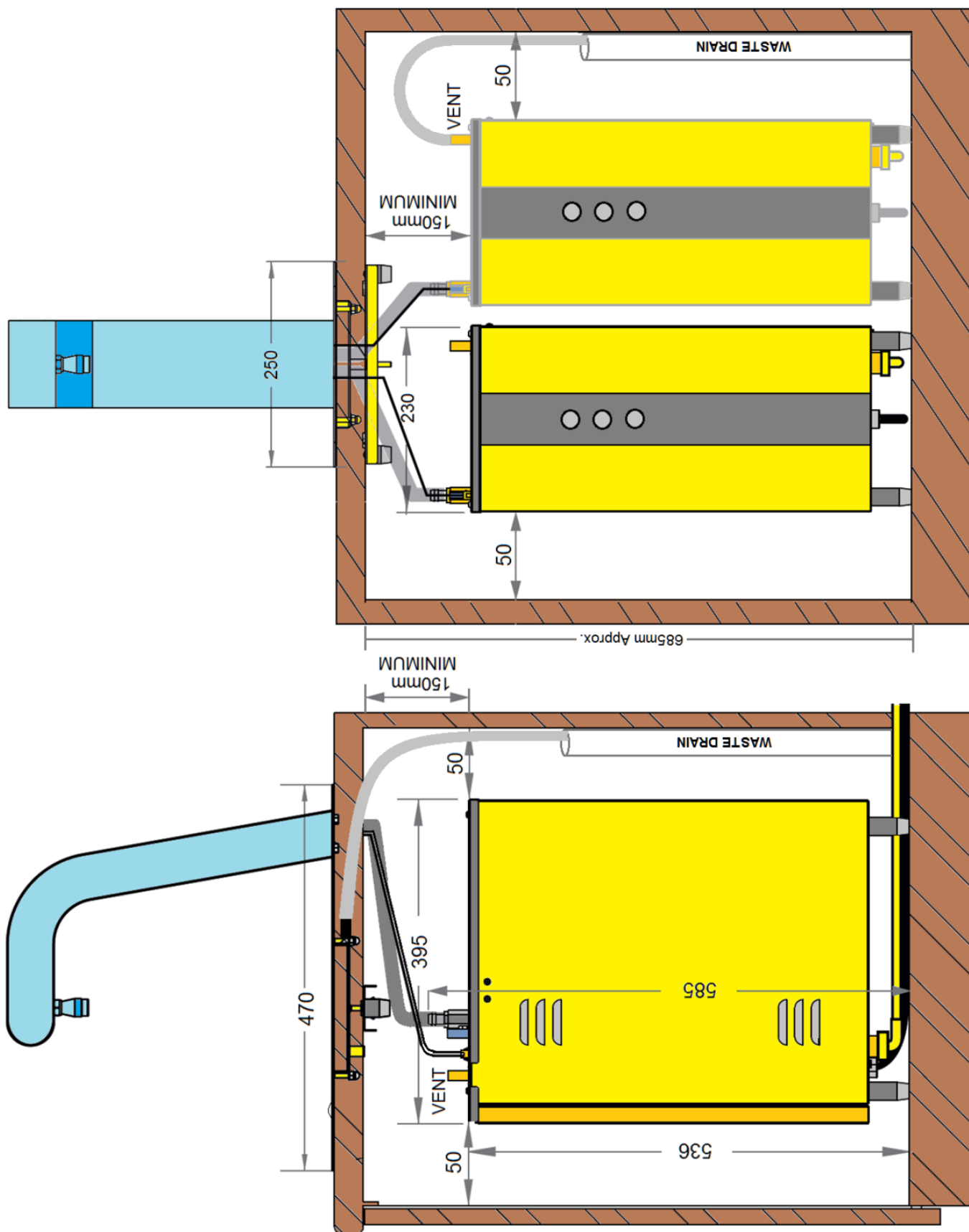
Uber Font & UC4 Boiler



Uber Font & Two UC10 Boilers



Uber Font & UC45 Boiler



Über Font & Under-Counter Boiler Installation Dimensions