MADE IN SWEDEN

# CTC EasyFlex

## Pellet Boiler with Hot Water Heating (without burner)

**CTC EasyFlex is a pellet boiler designed to fit most modern pellet burners.**

Pellet burning is similar to oil burning. The main difference is that pellet burning produces a some ash that must be removed every so often so as not to reduce efficiency or interfere with functionality.

The CTC EasyFlex is designed with retarder-free flues and a spacious 42-litre ash pan that is easy to pull out and empty. This facilitates product care. Sweeping is primarily carried out from above.

CTC EasyFlex consists of a hearth with smoke flues surrounded by an outer jacket which holds 150 litres of water. When pellets are burned, heat from the burner is transferred from the burner via the hearth walls and smoke flues directly to the boiler water. Heat to the radiator system is transferred via a four-way, reversible mixing valve. Hot water heating takes place by means of a heat exchanger, which always produces fresh hot water as it is consumed. The boiler has a 9 kW immersion heater for summer operations or other times of the year, which is controlled by the boiler's control system, and is also equipped with, among other features, a current monitor.

The boiler is highly efficient with eco-friendly combustion. The dimensions of the boiler make it very easy to install. The modest dimensions allow it to fit into boiler rooms that would normally be considered cramped. Pipe connection is carried out from the top. Electrical installation is via a terminal block behind the panel that easily folds down. Smoke flue connection can be carried out from the back or from the top.

## Benefits

- Suitable for most modern pellet burners
- Upright flues
- 42-litre removable ash pan.
- Hot water heating in heat exchanger
- 9 kW immersion heater for e.g. summer operation
- High efficiency and eco-friendly combustion
- Modest dimensions, fits into cramped boiler rooms

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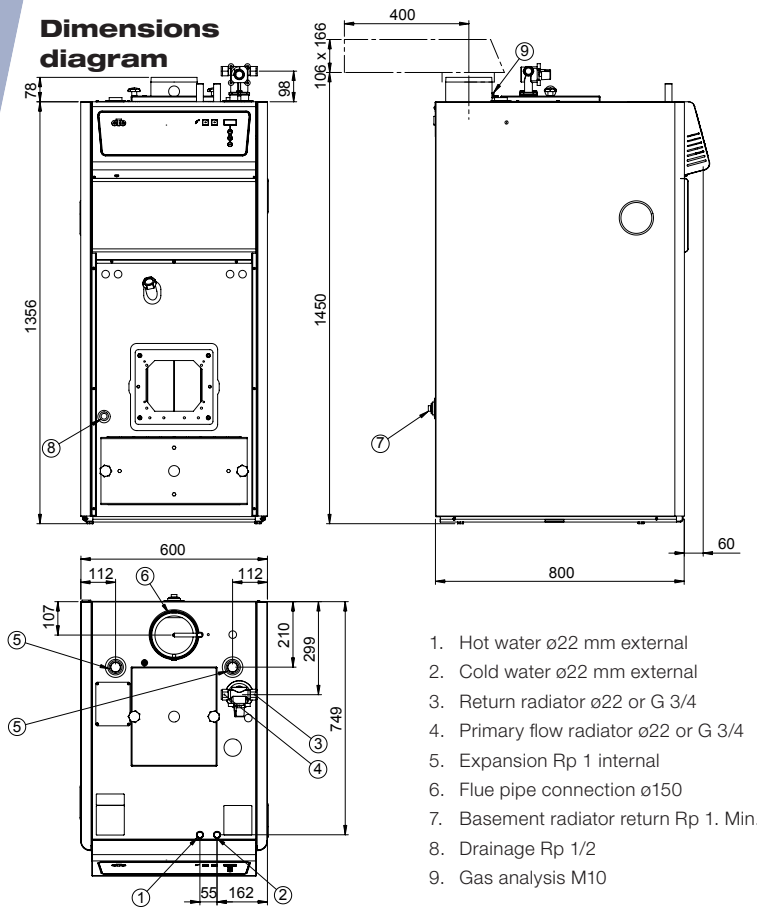
## Dimensions diagram




1. Hot water ø22 mm external
2. Cold water ø22 mm external
3. Return radiator ø22 or G 3/4
4. Primary flow radiator ø22 or G 3/4
5. Expansion Rp 1 internal
6. Flue pipe connection ø150
7. Basement radiator return Rp 1. Min. 50 °C
8. Drainage Rp 1/2
9. Gas analysis M10

**Delivery includes:**
Boiler with Hot Water Heating and Control (without pellet burner)

**Packaging includes:**
Current monitor with current sensor, angled flue pipe, dirt filter, shut-off valve, sweeping brush, and pellet burner connector plate. (The connector plate fits several pellet burners on the market and can be modified easily if required.)

**Recommended Accessories:**

**CTC Pellet Drum 400 litres**
Holder for automatic pellet feeding.
CTC no.: 11969701

**CTC Pellet Screw 1.5 m**
For feeding between the drum and burner.
CTC no.: 913151001

**CTC Pellet Hose 1 m**
Flexi-hose between the screw and burner
CTC-no.: 913169001

| **Technical data 3x400V** | | |
|---|---|---|
| CTC no.: | | 582000011 |
| Weight (packaged weight) | kg | 240 (280) |
| Dimensions (depth x width x height) | mm | 990x600x1350 |
| Electrical Data, connection | | 400V 3N~ |
| Recommended hot water storage volume | litres | 1000-2000 |
| Rated power – pellets | kW | 15 |
| Rated power – electricity | kW | 9 |
| Max. electric rated power in burner | kW | 1.1 |
| Enclosure class (IP) | | IP X1 |
| Output range immersion heater | kW | 0-9 |
| DHW performance Volume 40 °C at water flow 12/21 litres/minute [2] | litres | 402/206 |
| Water volume – Heating system (V) | l | 150 |
| Water volume – Water supply system (V) | l | 1 |
| Max. operating pressure, boiler (PS) | bar | 2.5 |
| Max. operating pressure (Heating system) (PS) | bar | 9 |
| Max. operating temperature (TS) | °C | 110 |

[1] Technical parameters for solid fuel boilers (Regulation (EU) 2015/1187).

[2] The reported data applies to 15 KW pellet firing with boiler temperature of 80 °C (5 °F) without peak electricity

We reserve the right to make design changes

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