

# FLAT

8 - 12 kW



### Unit configuration

Standard configuration:  
tank on the left side of the boiler.

Allows: **exhaust gas outlet upwards, backwards and to the right, installation connection from the top or back of the boiler.**



**recommended fuel**

**pellet A1 class**

**additional fuel**

**pellet A2 i B class**

**CZYSTE POWIETRZE**

**< 20mg/m<sup>3</sup>**

**INCREASED GRANT**



5-year warranty on the tightness of the exchanger.



Compact design ensuring minimum boiler dimensions.

**Body depth 37 cm**



A vertical tubular heat exchanger with an automatic cleaning system.



Turbulators supporting heat exchange.



High thermal efficiency >90% thanks to autoregulation of the combustion process and effective heat reception



Vertical burner with automatic cleaning, equipped with a igniter, photoelement, thermocouple.



An exhaust fan, aerating the burner, stabilizing the operation of the boiler and improving the chimney draft.



The boiler is adapted for operation in closed system, in accordance with current regulations.



Weather control **HT-tronic 900** with color display. It controls work 4 pumps and a mixing valve. Works with a remote control panel, thermostats and an internet module. Equipped with an autoregulation the **HT-Logic III**.



**HT-Logic III** autoregulation is individually programmed for each boiler, it automatically selects the operating parameters and modulates the burner power depending on the boiler temperature, which **reduces the amount of fuel consumed**.



Optimization of the combustion process through the oxygen Lambda probe - work in the **iPell®** standard



The boiler is equipped with a **hydraulic module** consisting of: return protection pump, DHW pump, mixing valve pump, mixing valve with an actuator and a **safety group** consisting of a diaphragm vessel, safety valve and pressure gauge.



The boiler is protected by a return protection pump with a return temperature sensor.



Exhaust gas exhaust upwards, backwards or to the right

### Control

HT-tronic® 900



HT-tronic® 900 Touch



HT-tronic OPS Lambda

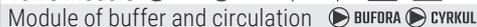
Combustion process optimizer with Lambda probe - basic equipment

### Expanding modules for automation

HT-tronic M-Z2



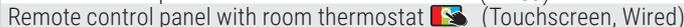
HT-tronic M-BC



HT-tronic Rooms



HT-tronic Rooms Touch



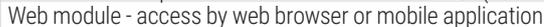
HT-tronic Rooms Wireless



HT-tronic Rooms Touch Wireless



HT-tronic Connect



HT-tronic Climate Senso



HT-tronic Temperature Senso

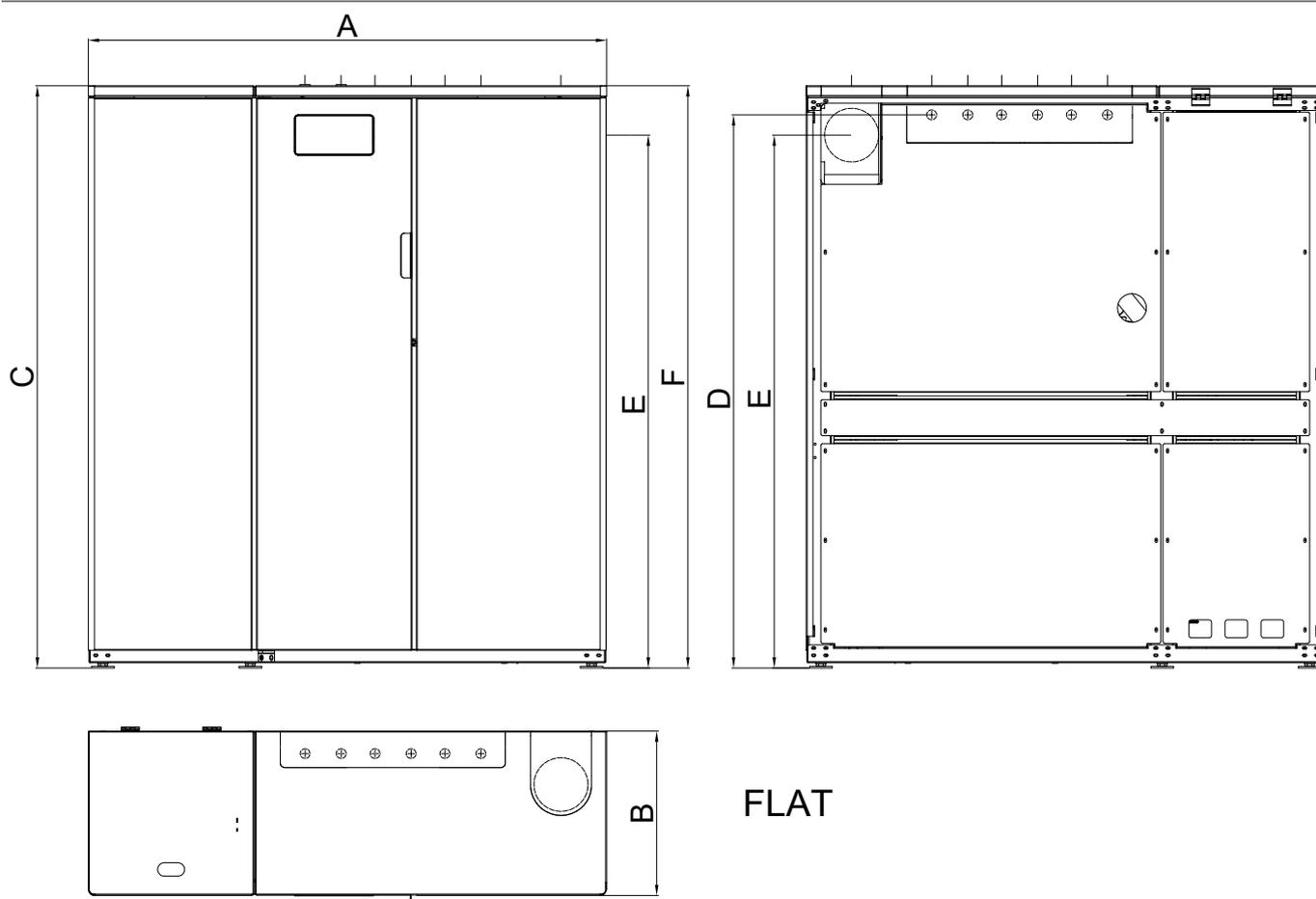


### Additional equipment / Execution option

Chimney connections - 120 Ø - page 31

HT SepMag Dirt separator with magnetizer -1". Expenditure 2.8 m<sup>3</sup>/h for a pressure drop of 6 kPa

FLAT • 8 - 11 kW



Basic dimensions and specifications

Rated power	kW	8	11
Power range	kW	2,4 - 8	3,3 - 11
Efficiency	%	18	15
Dusts	mg/m <sup>3</sup>	93	93
Min. chimney draft	Pa	10	12
Max. work temperature	°C	85	85
Water capacity	l	33	33
Maximum operating pressure	Bar	2	2
Installation connection	"	GZ 1	GZ 1
Chimney connection (inner diameter)	mm	120	120
Boiler mass	kg	236	243
Tank volume	dm <sup>3</sup>	70	70
Width of the set	cm	115	115
Boiler width	cm	45	45
Body depth with a flue gas exhaust	cm	37	37
Body height	cm	130	130
Height of hydraulic system connectors	cm	114	114
Height to chimney mid. (rear exit)	cm	113	113
height of the exhaust outlet to the top	cm	125	125