

FLAT

8 - 12 kW

5klasa
PN-EN 303-5:2012

ECO design
Rozp. UE 2015/1188

A+



CZYSTE POWIETRZE
< 20mg/m³
INCREASED GRANT



5-year warranty on the tightness of the exchanger.



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



Compact design ensuring minimum boiler dimensions.
Body depth 37 cm



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



A vertical tubular heat exchanger with an automatic cleaning system.



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



Turbulators supporting heat exchange.



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



The **HT-tronic 900 Touch** weather controller with a touch color display. It controls the operation of 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**. Works with the Lambda oxygen probe in the **iPell®** standard - optimization of the combustion process **HT-tronic OPS Lambda**.



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

Unit configuration

Standard configuration: **Allows: exhaust gas outlet 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.

iPell® - optimisation of the combustion process - **HT-tronic OPS Lambda**

Control

HT-tronic® 900 Touch



HT-tronic OPS Lambda

Combustion process optimizer with Lambda probe - basic equipment

Expanding modules for automation

HT-tronic M-Z2

Valve module

HT-tronic M-BC

Module of buffer and circulation

HT-tronic Rooms

Remote control panel with room thermostat

HT-tronic Rooms Touch

Remote control panel with room thermostat

HT-tronic Rooms Wireless

Remote control panel with room thermostat

HT-tronic Rooms Touch Wireless

Remote control panel with room thermostat

HT-tronic Connect

Web module - access by web browser or mobile application

HT-tronic Climate Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temp., air humidity and atmospheric pressure

HT-tronic Temperature Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temperature

Additional equipment / Execution option

Chimney connections - 120 Ø - page 31

HT SepMag Dirt separator with magnetizer -1". Expenditure 2.8 m³/h for a pressure drop of 6 kPa

Basic dimensions and specifications

Rated power	kW	8	12
Power range	kW	2,4 - 8	3,6 - 12
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	236
Tank volume	dm ³	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	125	125
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

Fuel



pellet (6 - 8 mm) A1 class according to: EN 14961-2:2011 or DIN Plus

Catalog card

