

ONE PLUS

8 - 20 kW

5klasa
PN-EN 303-5:2012

ECO design
Rozp. UE 2015/1188

A+



CZYSZE POWIETRZE
< 20mg/m³
INCREASED GRANT

NEW SERIES +



Unit configuration
Available customization:
boilers can be equipped with
an upper tank increasing the
fuel capacity



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.



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.

iPelL® - optimisation of the combustion process - HT-tronic OPS Lambda

Control

HT-tronic@ 900 Touch



HT-tronic OPS Lambda

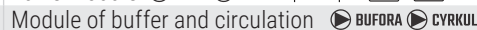
Combustion process optimizer with Lambda probe - basic equipment

Expanding modules for automation

HT-tronic M-Z2



HT-tronic M-BC



HT-tronic Rooms

Remote control panel with room thermostat (Wired)

HT-tronic Rooms Touch

Remote control panel with room thermostat (Touchscreen, Wired)

HT-tronic Rooms Wireless

Remote control panel with room thermostat (Wireless data transmission)

HT-tronic Rooms Touch Wireless

Remote control panel with room thermostat (Touchscreen, Wireless data transmission)

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

Extension extending the capacity of the fuel tank

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

		8	11	15	20
Rated power	kW	8	11	15	20
Power range	kW	2,4 - 8	3,3 - 11	4,5 - 15	6 - 20
Min. chimney draft	Pa	10	12	14	16
Max. work temperature	°C	85	85	85	85
Water capacity	l	54	56	83	85
Maximum operating pressure	Bar	2	2	2	2
Installation connection	"	GZ 1	GZ 1	GZ 1	GZ 1
Chimney connection	mm	120	120	120	120
Boiler mass	kg	270	275	370	375
Tank volume	dm ³	75	75	135	135
Tank volume with extension	dm ³	150	150	190	190
Boiler width	cm	57	57	70	70
Body depth	cm	73	73	78	78
Body height	cm	133	133	147	147
Body height with extension	cm	175	175	175	175
Height to chimney mid	cm	124	124	139	139

Fuel



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

Catalog card

