

# HT DasPell BOX GL

12 - 20 kW

**5klasa**  
PN-EN 303-5:2012

**ECO design**  
Rozp. UE 2015/1189

A+



## Unit configuration

Standard configuration:  
burner and tank on the  
right side of the boiler

Available customization:  
burner and tank on the left  
side of the boiler, enlarged  
tank



5-year warranty on the tightness of the exchanger, in accordance with the conditions contained in the warranty card.



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



**PellHard PLUS** burner with a slag scraper activated cyclically from the controller, V-type floor, Omega-type air curtain, igniter, sensors and an internal fuel feeder. Patent Office of the Republic of Poland: Ru.069889 Ru.069890, Ru.069891.



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



Horizontal tubular heat exchanger made in the form of a separate heating column with high heat exchange efficiency, with turbulators supporting heat exchange.



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**.



Autoregulation **HT-Logic III** is programmed to the power of the device, automatically selects the operating parameters and modulates the power of the burner depending on the temperature of the boiler, which reduces the amount of fuel consumed.

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

## Control

HT-tronic@ 900

▶ KOTŁA ▶ CO ▶ CWU ▶ ZAW ▶ - basic equipment

HT-tronic@ 900 Touch

▶ KOTŁA ▶ CO ▶ CWU ▶ ZAW ▶ - option

## Expanding modules for automation

HT-tronic M-Z2

Valve module ▶ ZAW ▶ ZAW ▶

HT-tronic M-BC

Module of buffer and circulation ▶ BUFORA ▶ CYRKUL

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

HT-tronic OPS Lambda

Combustion process optimizer iPell with Lambda probe

## Additional equipment / Execution option

Pneumatic system for burner cleaning (without compressor)

Additional fuel feed unit from the silo - pneumatic or spiral (page 31)

Enlarged tank - universal BIG 400, BIG 600 (page 28)

Exit of the exhaust gases up through the flue

Burner of the left side of the boiler

Cooling coil

HT SepMag

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

## Basic dimensions and specifications

		12	15	20
Rated power	kW	12	15	20
Power range	kW	3,6 - 12	4,5 - 15	6 - 20
Min. chimney draft	Pa	12	15	18
Max. work temperature	°C	85	85	85
Water capacity	l	73	88	88
Maximum operating pressure	Bar	2	2	2
Installation connection	"	GZ 1 ½	GZ 1 ½	GZ 1 ½
Chimney connection (inner diameter)	mm	150	150	150
Boiler mass	kg	351	354	385
Boiler width	cm	47	47	47
Tank volume	dm <sup>3</sup>	190	190	190
Tank width	cm	60	60	60
Body depth with a flue gas exhaust	cm	64	64	64
Body height*	cm	143	143	143
Power spigot height*	cm	129	129	129
Height to chimney mid.*	cm	111	111	111
Return spigot height*	cm	35	35	35
Body depth with gas ex. to the top	cm	77	77	82
Height of the flue with the ex. outlet up	cm	125	125	125

## Fuel



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

## Catalog card



\* - Does not apply to boilers with the exit of the exhaust gases up through the flue

The dimensions given may vary from actual dimensions to 2%. Other detailed dimensions are available on the website.

In order to improve the product, **Heiztechnik** reserves the law to change specifications and equipment. The above prospectus does not constitute an offer within the meaning of commercial law.