DasPell NEXT

15 - 30 kW

5 klasa PN-EN 303-5:2012 | ECO design Rozp. UE 2015/1189 | A+



Unit configuration

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

Flue gas discharge by exhaust fan in 5 positions from horizontal at angle: 0°, 45°, 90°, 135°, 180°.



recommended fuel

pellet A1 class

additional fuel

pellet A2 i B class

CZYSTE POWIETRZE

< 20mg/m³

INCREASED GRANT

gwarancja 5 lat — 5-year warranty on the tightness of the exchanger.

Compact design ensuring minimum boiler dimensions.

A vertical tubular heat exchanger with an automatic cleaning system.

Turbulators supporting heat exchange.

> 90 % — 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.

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

HT-tronic 900 — 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 — **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.

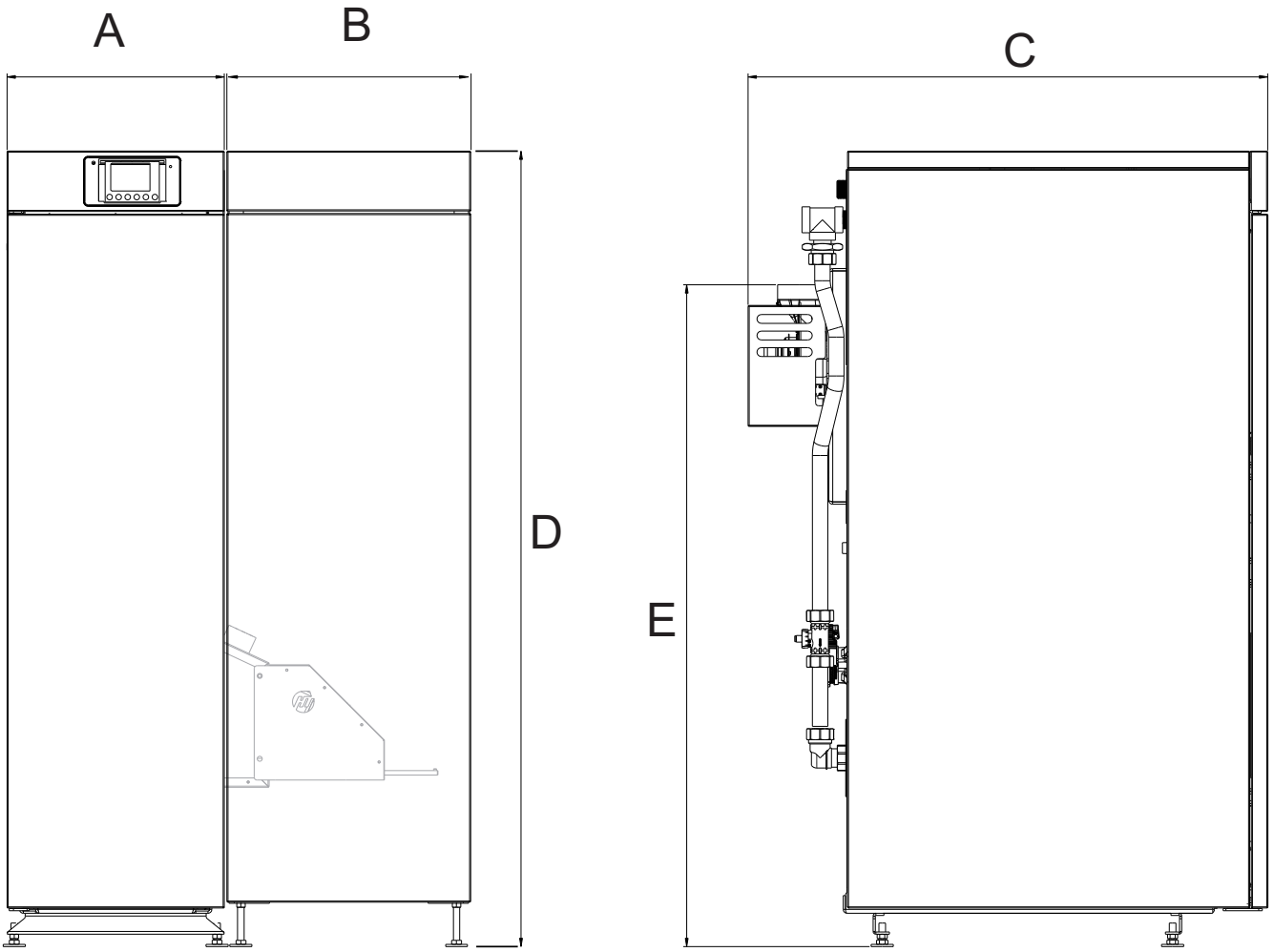
The boiler is protected by a return protection pump with a return temperature sensor.

Flue gas exhaust in five positions from the horizontal at an angle of: 0°, 45°, 90°, 135°, 180°.

Control	
HT-tronic® 900	BOILER CH HDW VALVE
HT-tronic® 900 Touch	KOTŁA CO CWU ZAW - option
HT-tronic OPS Lambda	Combustion process optimizer with Lambda probe - basic equipment
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
Additional equipment / Execution option	
Chimney connections - 120 Ø - page 31	
The automatic ash removal system	
HT SepMag	Dirt separator with magnetizer -1". Expenditure 2.8 m³/h for a pressure drop of 6 kPa

CATALOGUE CARD

DasPell NEXT • 15 - 30 kW



Basic dimensions and specifications

Rated power	kW	15	20	25	30
Power range	kW	4,5 - 15	6 - 20	7,5 - 25	9 - 30
Efficiency	%	17	18	18	19
Dusts	mg/m^3	93	93	92	92
Min. chimney draft	Pa	10	12	14	16
Max. work temperature	°C	85	85	85	85
Water capacity	l	75	81	81	119
Maximum operating pressure	Bar	2	2	2	2
Installation connection	"	GZ 1	GZ 1	GZ 1	GZ 1
Chimney connection (inner diameter)	mm	120	120	120	120
Boiler mass	kg	345	405	415	451
Tank volume	dm^3	240	240	240	240
Width of the set	cm	85	90	90	95
Boiler width	cm	45	45	45	45
Body depth with a flue gas exhaust	cm	98	98	98	98
Body hight	cm	144	144	144	144
Power spigot height	cm	122,5	122,5	122,5	122,5
Hight to chimney mid.	cm	120	120	120	120
Return spigot height	cm	34,5	34,5	34,5	34,5

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.