

HT DasPell LuxGL

12 - 20 kW

5klasa
PN-EN 303-5:2012

ECO design
Rozp. UE 2015/1188

A+



Unit configuration

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

Available customization:
burner and tank on the
left side of the boiler,
enlarged tank 400 l



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



PelHard 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.



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. It has 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 Touch



Expanding modules for automation

HT-tronic M-Z2	Valve module	ZAW, ZAW, and symbols
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 - Lux 400 l (page 28)

Burner of the left side of the boiler

Cooling coil

HT SepMag Dirt separator with magnetizer -1". Expenditure 2.8 m³/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	359	362	397
Boiler width	cm	47	47	47
Tank width	cm	60	60	60
Width of the enlarged tank	cm	114	114	114
Tank volume	dm ³	190	190	190
Volume of the enlarged tank	dm ³	400	400	400
Body depth with flue gas exhaust	cm	72	72	77
Body height	cm	151	151	151
Power spigot height	cm	129	129	129
Height to chimney mid.	cm	111	111	111
Return spigot height	cm	35	35	35

Fuel



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

Catalog card

