

HT DasPelL GL

12 - 60 kW

5klasa
PN-EN 303-S:2012

ECO design
Rozp. UE 2015/1188

A+



Unit configuration

Standard configuration:
burner at front of the boiler, tank on the right side of boiler

Available customization:
enlarged tank, tank of the left side of the boiler



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.



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 ▶ [Icons] - basic equipment

HT-tronic® 900 Touch

▶ KOTŁA ▶ CO ▶ CWU ▶ ZAW ▶ [Icons] - option

Expanding modules for automation

HT-tronic M-Z2

Valve module ▶ ZAW ▶ ZAW ▶ [Icons]

HT-tronic M-BC

Module of buffer and circulation ▶ BUFORA ▶ CYRKUL

HT-tronic Rooms

Remote control panel with room thermostat [Icon] (Wired)

HT-tronic Rooms Touch

Remote control panel with room thermostat [Icon] (Touchscreen, Wired)

HT-tronic Rooms Wireless

Remote control panel with room thermostat [Icon] (Wireless data transmission)

HT-tronic Rooms Touch Wireless

Remote control panel with room thermostat [Icon] (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)

Optional tanks: Slim 100, BIG 400, BIG 600, BIG 1000 (page. 32)

Exit of the exhaust gases up through the flue

The automatic ash removal system

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	25	30	40	50	60
Rated power	kW	12	15	20	25	30	40	50	60
Power range	kW	3,6 - 12	4,5 - 15	6 - 20	7,5 - 25	9 - 30	11 - 40	15 - 50	18 - 60
Min. chimney draft	Pa	15	15	18	18	20	22	23	25
Max. work temperature	°C	85	85	85	85	85	85	85	85
Water capacity	l	73	73	88	94	103	118	145	155
Maximum operating pressure	Bar	2	2	2	2	2	2	2	2
Installation connection	"	GZ 1 ½	GZ 1 ½	GZ 1 ½	GZ 1 ½	GZ 1 ½	GZ 1 ½	GZ 1 ½	GZ 2
Chimney connection (inner diameter)	mm	150	150	150	150	150	150	200	200
Boiler mass	kg	352	355	376	398	479	530	697	756
Tank volume	dm ³	300	300	300	300	300	300	400	400
Boiler width	cm	47	47	47	47	54	54	69	69
Tank width	cm	60	60	60	60	60	60	114	114
Body depth with a flue gas exhaust	cm	64	64	69	76	83	93	95	105
Length of the installed burner	cm	32	32	32	32	38	38	46	46
Body height*	cm	143	143	143	143	143	143	143	143
Power spigot height*	cm	129	129	129	129	129	129	129	129
Height to chimney mid.*	cm	111	111	111	111	111	111	111	111
Return spigot height*	cm	35	35	35	35	35	35	35	35
Body depth with gas ex. to the top	cm	77	77	82	89	95	105	111	121
Height of the flue with the ex. outlet up	cm	125	125	125	125	125	125	125	125

*- 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.

Fuel



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

Catalog card

