

MAXPelL GL

80 - 450 kW

5klasa
PN-EN 303-5:2012

ECOdesign
Rozp. UE 2015/1188



MAXPelL GL 150

with pneumatic cleaning system for heat exchanger and automatic ash removal system



2-year warranty for the tightness of the exchanger with the possibility of extending up to 5 years, 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.



Boiler with power up to 300 kW 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	- basic equipment
HT-tronic@ 900 Touch	- option

Expanding modules for automation

HT-tronic MK	Cascade automation
HT-tronic Master	Independent automatic heating circuit
HT-tronic M-Z2	Valve module
HT-tronic M-BC	Module of buffer and circulation
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 OPS Lambda	Combustion process optimizer iPelL with Lambda probe

Additional equipment / Execution option

- Option of execution: maximum working pressure 2.5 - 3 Bar
- Boilers with a capacity of 300 - 370 kW can be equipped with two burners with automation
- Enlarged or atypical tank
- A common tank for handling two boilers
- Pneumatic system for burner cleaning (without compressor)
- Additional fuel feed unit from the silo - pneumatic or spiral
- The automatic ash removal system
- Pneumatic system for exchanger cleaning
- Pneumatic system for burner cleaning
- Cooling coil for 80 - 300 kW
- Extraction fan with controller
- Pellet silos

Basic dimensions and specifications

	kW	80	100	120	150	200	240	300	370	450
Rated power	kW	80	100	120	150	200	240	300	370	450
Power range	kW	24-80	30-100	36-120	45-200	60-200	72-240	90-300	111-370	135-450
Min. chimney draft	Pa	27	29	32	33	34	36	38	40	42
Max. work temperature	°C	85	85	85	85	85	85	85	85	85
Water capacity	l	250	370	490	610	920	1040	1300	1570	1730
Maximum operating pressure	Bar	2	2	2	2	2	2	2	2	2
Installation connection	"	GZ 2	GZ 2 ½	GZ 2 ½	GZ 3	GZ 3	GZ 3	GZ 3	Dn100	Dn100
Chimney connection (inner diameter)	mm	200	200	200	250	300	300	300	350	400
Boiler mass	kg	1165	1385	1576	2326	2686	3048	3665	3945	4132
Tank volume	m³	1	1	1	1	1	1	1	1	1
Boiler width	cm	84	84	84	108	108	108	147	147	147
Body depth with flue gas exhaust	cm	125	150	175	191	221	232	225	240	255
Body height	cm	161	161	161	192	192	209	216	216	216
Body height - transport	cm	175	175	175	206	206	223	230	230	230
Height of the ash removal module	cm	35	35	35	35	35	35	35	35	35
Height to chimney mid.	cm	136	136	136	164	164	178	186	186	186
Return spigot height	cm	30,5	30,5	30,5	35	35	35	35	35	35

Fuel



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

Catalog card

