Q Eko

12 - 24 kW

5 klasa PN-EN 303-5:2012 · ECO design Rozp. UE 2015/1189 · B

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

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

Cast iron burner - retort with an integrated fuel feeder 15 - 24 kW.
Cast iron burner - standard 12 kW

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

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

HT-tronic 700 — Weather control **HT-tronic 700** 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 II.**

HT-logic III — Autoregulation **HT-Logic II** 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.**

Unit configuration

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

Burner
Cast iron burner - standard (12 kW)	- basic equipment
Cast iron burner - rotary (15 - 24 kW)	- basic equipment

Sterowanie
HT-Tronic® 700	▶ KOTŁA ▶ CO ▶ CWU ▶ ZAW ... - basic equipment
HT-Tronic® 700 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 Eko Lambda	Combustion process optimizer **iPell** with Eko Lambda probe

Additional equipment / Execution option
Feeder rotation control sensor	
Enlarged tank for boilers with power 15 - 24 kW	
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

Rated power	kW	12	15	20	24
Power range	kW	3,6 - 12	4,5 - 15	6 -20	7,2 - 24
Min. chimney draft	Pa	18	19	20	22
Max. work temperature	°C	85	85	85	85
Water capacity	l	48	77	91	106
Maximum operating pressure	Bar	2	2	2	2
Installation connection	"	GZ 1 ½	GZ 1 ½	GZ 1 ½	GZ 1 ½
Chimney connection (inner diameter)	mm	115 / 150	150	150	150
Boiler mass	kg	300	437	491	540
Tank volume	dm³	165	225	225	225
Volume of the enlarged tank	dm³	-	300 / 500	300 / 500	300 / 500
Width of the set	cm	103	113	113	113
Boiler width	cm	47	55	55	55
Tank width	cm	46	59	59	59
Width of the enlarged tank 300	cm	-	52	52	52
Width of the enlarged tank 500	cm	-	83	83	83
Body depth with flue gas exhaust	cm	63	70	80	90
Body hight	cm	130	142	142	142
Power spigot height*	cm	124	136	136	136
Hight to chimney mid.*	cm	101	118	118	118
Return spigot height	cm	24	38	38	38

Fuel

Eco-pea coal
type 32.1, granulation 5-25 mm

Catalog card

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.