EEI Pellets Matic

Automated processes

limit the manual operations to a minimum.

broadband 6-wire oxygen sensor

EEI PELLETS
MATIC
300

Boiler class as per EN 303-5:2012
class 5
Boiler class as per EN 303-5:2012

ECODESIGN
European Commission
2020

A+++
A++
A+ **A+**
A
B
C
D
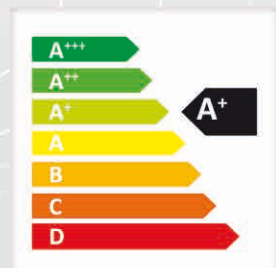
Models [kW]

300

P1 control cabinet

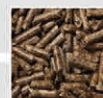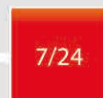| Fuels ▶								
Class 1 pellet	Class 2 pellet	Class B pellet	Rotary burner	Outdoor temperature control	7/24 Factory service 24/7	Class 5 Device class	5 years Warranty	INTERNET module

Boiler price

BOILER MODEL	LIST PRICE (INCL. VAT)
300 kW	Ask us for a price

Price list valid from 01/01/2020

Other accessories
- external feeding - **to be agreed**
- ecoSTER wireless room thermostat - **PLN 400.00 (incl. VAT)**
- ecoSTER TOUCH room thermostat - **PLN 500.00 (incl. VAT)**
- ecoSTER TOUCH wireless room thermostat - **PLN 650.00 (incl. VAT)**
- 1-week programmable thermostat - **PLN 200.00 (incl. VAT)**
- wireless programmable thermostat - **PLN 450.00 (incl. VAT)**
- adjustable room temperature sensor - **PLN 90.00 (incl. VAT)**
- domestic hot water temperature sensor - **PLN 60.00 (incl. VAT)**
- outdoor temperature sensor - **PLN 60.00 (incl. VAT)**
- EcoLAMBDA sensor kit - **PLN 1990.00 (incl. VAT)**
- B extension module - **PLN 650.00 (incl. VAT)**
- C extension module - **PLN 650.00 (incl. VAT)**
- INTERNET EcoNET module - **PLN 590.00 (incl. VAT)**
- pellet storage hopper (203 L; 290 L; 295 L; 470 L; 770 L; 1,368 L; 1,460 L)

accessories

Specifications

Standard and optional boiler accessories

TYPE	EEI PM 300kW
pellets output range (kW)	91–303
FUEL TYPES	
pellet (Class: A1, A2 and B) to PN EN 17225-2:2014	s
HORIZONTAL HEAT EXCHANGER	
boiler steel	s
heat exchanger circuits	3
flue gas turbulator	s
heat exchanger design*	3t
optional closed system	s
pneumatic heat exchanger cleaning	s
automatic ash removal	s
STORAGE TANK	
storage tank: 295; 470; 770; 1,386; 1,460 [l]	o
external feeding	o
fuel feeding from the storage tank to the burner	s
BURNER	
rotary combustion chamber	s
heat resistant steel	s
cylindrical burner design	s
chute burner	s
automatic cleaning	s
heating element - boiler firing	s
pressure fan	s
internal fuel feeder	s
photocell	s
pellet combustion grate	s
efficiency-improving diffuser	s
CONTROL ACCESSORIES	
colour touch control panel	s
boiler temperature sensor	s
burner temperature sensor	s
fuel level sensor	s
door open sensor	s
outdoor temperature sensor	o
central heating temperature sensor	o
domestic hot water temperature sensor	o
return water temperature sensor	o
ecoSTER wireless room thermostat with remote boiler control (up to 3)	o
ecoSTER TOUCH wireless colour touch room thermostat with remote boiler control (up to 3)	o
ecoSTER TOUCH wired colour touch room thermostat with remote boiler control (up to 3)	o
Wireless 1-week programmable thermostat	o
Adjustable room temperature sensor	o
Wired 1-week programmable thermostat	o
EcoLAMBDA oxygen sensor kit	o
optional B extension module (two mixing valve control)	o
optional C extension module (two mixing valve control)	o
optional E extension module (ash removal and pneumatic heat exchanger cleaning control)	s
INTERNET EcoNET module	o

TYPE	EEI PM 300kW
Metal cabinet	S
main switch	S
safety switch	S
indicators	S
CONTROL SYSTEM FEATURES	
optional modules	S
storage tank feeder control	S
burner feeder control	S
pressure fan control	S
ash removal motor control	S
air compressor control	S
pneumatic cleaning nozzle control	S
fuel igniter control	S
central heating pump control	S
return mixing valve control***	S
domestic hot water pump control	S
fuel level sensor control	S
universal output**	S
linear actuator control	S
INTERNET module support	S
mixing valve support	2
maximum number of heating circuits with mixing valves	6
buffer tank control	S
heating circuit mixing valve control	S
boiler pump/buffer tank control	S
recirculation pump control	O
optional four mixing valve control (B module - 2 valves, C module - 2 valves)	O
ecoSTER TOUCH ROOM THERMOSTAT (WIRED, WIRELESS)	
colour touch control panel	S
programmable room thermostat	S
simple and effective temperature control (up to 3 ecoSTER room thermostats)	S
day/night temperature program	S
boiler function adjustment and monitoring	S
remote monitoring of boiler's control panel parameters or other room thermostat parameters	S
operation mode setting: schedule, day, night, heating off, venting, heat now, holiday, frost protection, domestic hot water charging, hotel	S
alarm monitoring	S
storage tank fuel level, ash pan cleaning monitoring	S
simultaneous ecoSTER room thermostat, control panel and controller module firmware update with microSD memory card	S
ecoSTER wireless ROOM THERMOSTAT	
programmable room thermostat	S
simple and effective temperature control (up to 3 ecoSTER controllers)	S
remote boiler control: boiler and domestic hot water temperature setting	
on/off: boiler, summer mode, domestic hot water, domestic hot water priority	S
day/night temperature program	S
operating mode select: day, night, heat now, schedule, holiday, empty house, frost protection, domestic hot water charge	S
alarm monitoring	S
storage tank fuel level, ash pan cleaning monitoring	S

TYPE	EEI PM 300kW
1-WEEK WIRELESS PROGRAMMABLE ROOM THERMOSTAT	
2 daily temperature settings from 5 to 30 °C: Day/Night	s
Daily or weekly programming selectable with a switch	s
Quick program selection knob: On/Off/Auto/Holiday	s
Annual service reminder	s
Automatic daylight saving time: summer/winter	s
temperature probe calibration	s
boiler operation time display (excl. domestic hot water)	s
1-WEEK WIRED PROGRAMMABLE ROOM THERMOSTAT	
2 daily temperature settings from 5 to 30°C: Day/Night	s
Daily or weekly programming selectable with a switch	s
Quick program selection knob: On/Off/Auto/Holiday	s
Annual service reminder	s
Automatic daylight saving time: summer/winter	s
temperature probe calibration	s
boiler operation time display (excl. domestic hot water)	s
CONTROL SYSTEMS	
automatic pellet boiler start	s
automatic pellet boiler stop	s
2nd Gen. Fuzzy Logic burner modulation	s
pcw - domestic hot water priority	s
alternative "boiler operation" function	s
output testing	s
1-week domestic hot water temperature program	s
1-week central heating temperature program	s
simple menu	s
outdoor temperature compensation module and buffer tank control via a controller	s
alarm history	s
help system	s
alarm codes	s
service mode	s
ash pan full monitoring	s
feeder air lock prevention system	s
fuel reserve system	s
service reminder	s
languages - multi-language	s
DELIVERY	
delivery to the address indicated	s
24h delivery	s
WARRANTY/years	
boiler body integrity	5
mechanical components and control system	2

The price list for all optional accessories is available on request.

Key

s - standard accessories
o - optional accessories

* reliable and durable steel heat exchanger designed in accordance with 3T rules (time, turbulator, temperature).

** Universal output with support of one of the programmed options:
1 recirculation pump control,
2 auxiliary boiler control,
3 external feeder control.
4 active alarm info

***The control system controls the return mixing valve using a single mixing valve of the heating circuit by enabling this function in the control system