

VIADRUS

Power of heating

Hercules Green Eco Therm

Automatic cast-iron pellet boiler

Hercules Green EcoTherm is designed for an environmentally friendly, economical and nearly maintenance-free heating with wooden pellets. The control unit allows automatic operation with modulating boiler output including automatic ignition. Manual control mode is possible as well, especially when putting the boiler into operation or in case of electric power failure.

Advantages:

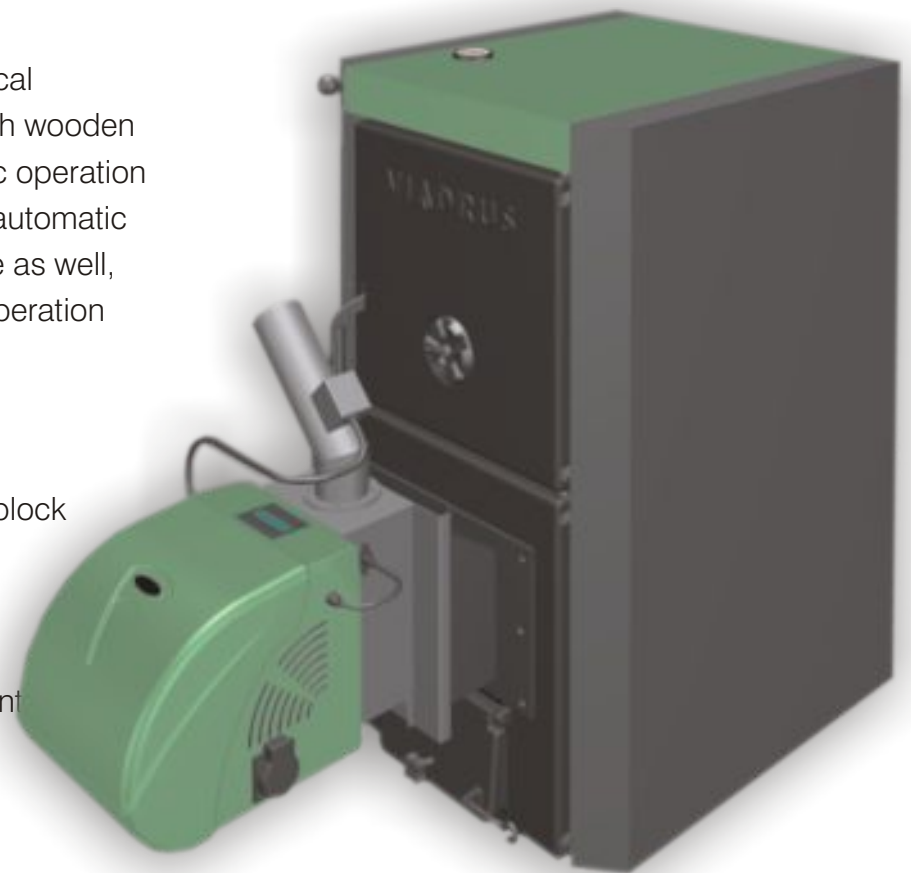
- Class 3 of EN 303-5
- long service life of the cast-iron boiler block
- any reservoir fuel supply
- automatic ignition
- high efficiency
- universal pellet feeder included
- simple, time-saving operation and maintenance
- easy cleaning
- emergency manual mode

Fuel / fuel humidity:

- wooden pellets, Ø 6~8 mm / <12%

Boiler output (5 / 7 section size):

- 7,5~25,0 / 9,6~32,0 kW



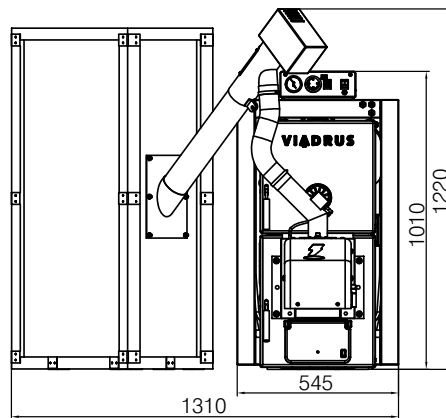
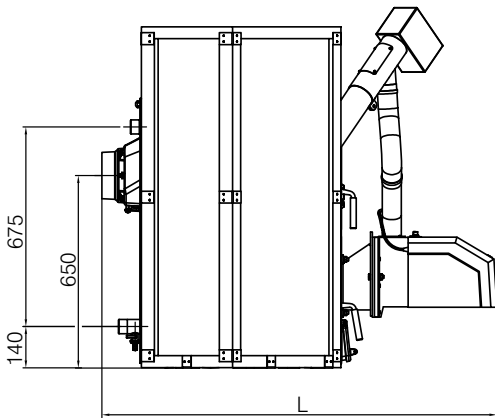
Green  Therm



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Technical parameters

Section number (boiler version)	pcs	5 (25X)	7 (32X)
Boiler class according to EN 303-5	-		3
Modulating output	kW	7,5~25,0	9,6~32,0
Fuel consumption at minimal / rated output	kg/hour	1,4~6,0	2,4~8,0
Efficiency	%	<86,8	<87,9
Flue gases temperature	°C	<205	<210
Wooden fuel reservoir capacity (standard accessory)	kg		85
Burning time at minimal / rated output - wooden reservoir	hours	60,7~14,2	35,4~10,6
Steel fuel reservoir capacity (option accessory)	kg		470
Burning time at minimal / rated output - steel reservoir	hours	335,7~78,3	195,8~58,8
Dimensions incl. burner			1050 x 550
- height x width	mm		
- depth L	mm	1335	1527
Weight	kg	358	433
Chimney connection diameter	mm		160
Chimney draught	Pa	15~25	20~30
Heating and return water connection	-		6/4"
Water working overpressure	kPa		50~400
Water testing overpressure	kPa		800
Recommended water working temperature	°C		50~80
Return water min. temperature	°C		40
Water volume	l	40,9	50,3
Noise level	dB		<65 dB (A)
Connecting voltage	-		1 PEN ~ 50 Hz 230 V TN-S
Maximum electric input	W		<39
Control box electric protection	-		IP40



Senior pellet burner



Junior pellet burner



Cast-iron pedestal (option accessory)



Steel pellet reservoir (option accessory)



Your dealer