

VIADRUS

Power of heating

Woodpell

Automatic cast-iron pellet boiler

Woodpell 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 6~10 mm / <12%

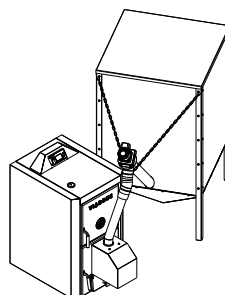
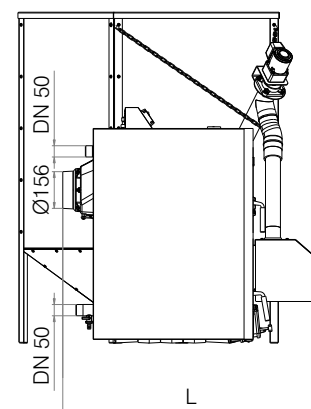
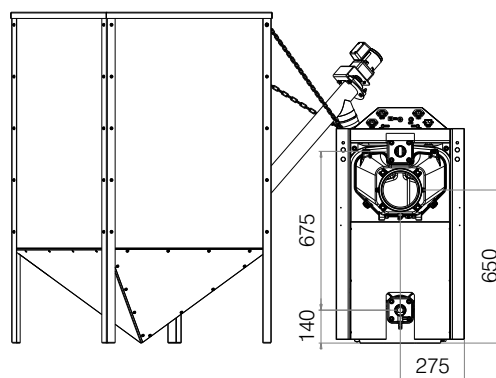
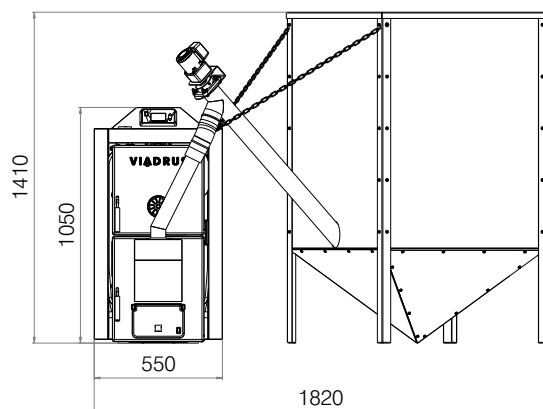
Boiler output (5 / 7 section size):

- 5,8~16,0 / 7,8~25 kW



Technical parameters

Section number	pcs	5	7
Boiler class according to EN 303-5	-		3
Modulating output	kW	5,8~16,0	7,8~25,0
Attenuation output	kW		1,5
Fuel consumption at minimal / rated output	kg/hour	1,46~4,03	1,96~6,29
Fuel consumption at attenuation output	kg/hour		0,37
Efficiency	%	85,0	84,9
Flue gases temperature	°C	<175	<205
Fuel reservoir capacity	kg		470
Burning time at minimal / rated output	hours	398~115	286~72
Dimensions incl. burner - height x width	mm		1050 x 550
- depth L	mm	1070	1260
Dimensions incl. fuel reservoir - height x width x depth	mm		1820 x 1410 x 1480
Weight	kg	358	433
Chimney connection diameter	mm		160
Chimney draught	Pa	15~25	20~30
Heating and return water connection	-		2"
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



Operating panel of Puma control unit



Cast-iron pedestal (optional accessory)

