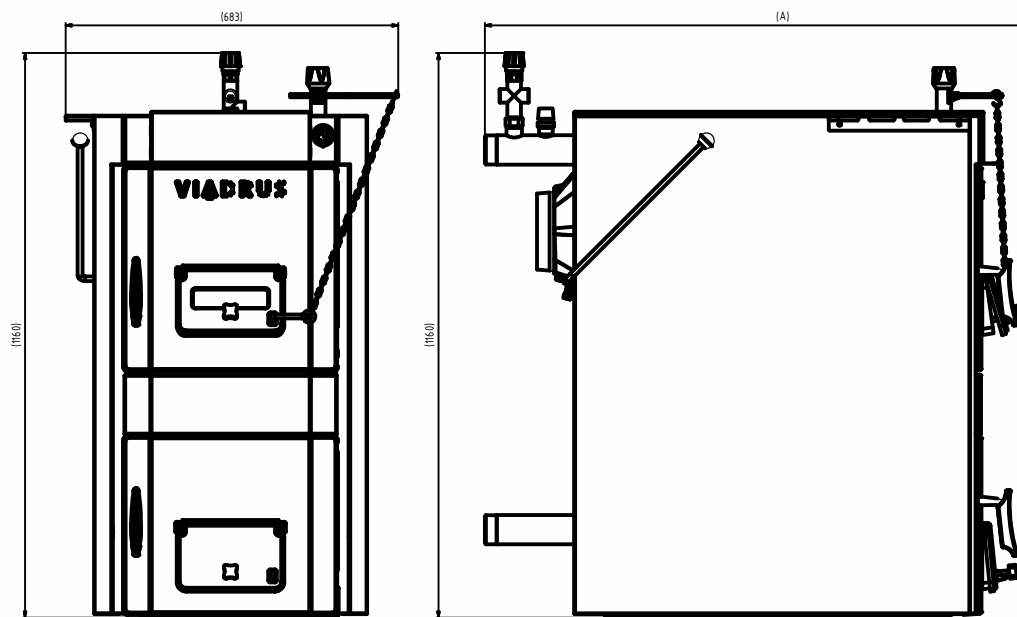


Hercules U68 – technical drawing

A⁺



HERCULES U68

cast-iron warranty
10
years

meets

ecodesign

emission class
5



Your seller



VIADRUS

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PYROLITIC CAST-IRON BOILER | MANUAL STOKING

VIADRUS

Heating your home
since 1888

Errors and omissions excepted.

Hercules U68

Pyrolytic cast-iron boiler designed for burning of firewood

Hercules U68 is a cast-iron pyrolytic boiler for burning firewood with manual stoking. Its construction allows burning without need of exhausting ventilator in heating systems with natural or forced heating water circulation.

Hercules U68 is an ideal replacement for old boilers with low emission class in heating systems with natural heating water circulation. It fulfill emission class 5 according to EN 303-5 and „Ecodesign“.

Output range (according to size):
14–34 kW



Advantages:

- . 10 years warranty for heat exchanger
- . efficiency up to 90.7 %
- . low demand for chimney drought
- . meets „Ecodesign“
- . meets emission class 5 according to EN 303-5
- . long life of the Czech-made cast-iron heat exchanger
- . water-cooled fixed grates
- . low fuel consumption
- . easy attendance and maintenance
- . threaded flanges for easy installation
- . low flue gas temperature (ca 140–180 °C)
- . operation independent of electric power supply
(without forced exhaust of flue gases and without a circulation pump,
only for systems without heat storage tank)

Technical specifications

Number of sections	pcs	5	6	7	8	9
Energy efficiency class	•	A ⁺				
Energy efficiency index EEI	•	114	114	117	116	116
Rated heating output	kW	14	18	23	27	34
Boiler class according to EN 303-5	•	5				
Efficiency	%	88,3	88,7	90,5	90,7	90,3
Firebox depth	mm	255	255	365	475	585
Recommended firewood length	mm	350	350	350	350	350
Firebox capacity	l	32	32	45	59	73
Fuel burn rate	kg/h	3,7	4,3	5,3	6,9	8,5
Flue gas temperature	°C	140–180				
Dimensions - Height × Width	mm	1160 × 683				
- Depth (A)	mm	890	1000	1110	1220	1330
Dry weight	kg	348	413	485	503	549
Chimney connection diameter	mm	160				
Required chimney draught	Pa	14	15	16	18	25
Water capacity	l	40,5	46,5	52,5	58,5	64,5
Heating water temperature range	°C	60–80				
Return water minimum temperature	°C	50				
Heating / return water connection	•	2"				
Working / testing water overpressure	bar	4 / 8				
Noise level	dB	< 65				
Maximal fuel weight in firebox	kg	13	13	18	22	25
Seasonal energy efficiency	%	78	78	80	79	79