



Lump wood boiler HVZ25L

Power range: 12,5-25,0 kW

Electrical connection: 230 VAC / 50 Hz / 10 A /

P+N+PE

✔ Boiler body with efficient insulation

✓ Temperature-resistant tubular heat exchanger

✓ Safety heat exchanger

Firing system with high-temperature fireclay combustion chamber

✓ Combustion chamber panels

✓ Integrated threshold gas extraction

✓ Speed-controlled induced draught fan

✔ Primary and secondary air control drives

✓ Lambda sensor

✓ Touchscreen with simple, clearly designed menu navigation

NOTE:

! Return flow boost required

SPECIAL FEATURES

Control of one mixed heating circuit including heating circuit and outdoor temperature sensor, buffer including 2 buffer sensors, hot water boiler

✔ Rear flue pipe connection



Boiler has 3 doors, through its separate filling and heating door easy heating and reheating



Ember retention function with message via LED or signal sound when to add logs (optional)



- 1 Induced draught fan
- 2 Lambda sensor
- 3 Heat exchanger
- 4 Combustion chamber panels
- 5 Cleaning opening
- 6 High temperature fireclay combustion chamber
- 7 Primary and secondary air control drive
- 8 Touchscreen

Boiler class Nominal heat output (kW) Efficiency full load (%) Perficiency full load (%) Permissible operating pressure (bar) Test pressure (bar) Pressure condition combustion chamber Unterdruck Recommended minimum storage volume (l) Pressure loss at nominal load (mbar) Return lift group Opening temperature (°C) Energy efficiency class DIMENSIONS Boiler width (mm) Depth boiler (mm) 1385 Boiler height (mm) Total weight loose (kg) Water content (l) Combustion chamber volume (l) Possible recommended minimum storage volume (l) Pressure Logs according to Low Voltage Directive CE Energy efficiency class A+ DIMENSIONS Boiler width (mm) 588 Depth boiler (mm) 1385 Boiler height (lue pipe connection (mm) 756 Flue pipe connection diameter (mm) 150 Total weight loose (kg) Water content (l) Combustion chamber volume (l) 90 Filling space depth (mm) Filling space width (mm) Elling space width (mm) FUEL Logs according EN14961-5 Max. water content Max. water content 25 Max. log length (mm) 550	BOILER TYPE	HVZ25L
Efficiency full load (%) Heat output range (kW) (kW) 12,5 - 25,0 Permissible operating pressure (bar) Test pressure (bar) Pressure condition combustion chamber Recommended minimum storage volume (l) Max. Boiler temperature (°C) Pressure loss at nominal load (mbar) Return lift group Opening temperature (°C) CE marking according to Low Voltage Directive Energy efficiency class A+ DIMENSIONS Boiler width (mm) Depth boiler (mm) 1385 Boiler height (mm) Height flue pipe connection (mm) 756 Flue pipe connection diameter (mm) 100 Total weight loose (kg) Water content (l) Combustion chamber volume (l) Filling space depth (mm) Fuel Logs according EN14961-5 Max. water content Max. water content 25	Boiler class	5
Heat output range (kW) (kW) Permissible operating pressure (bar) Test pressure (bar) Pressure condition combustion chamber Recommended minimum storage volume (l) Max. Boiler temperature (°C) Pressure loss at nominal load (mbar) Return lift group Opening temperature (°C) CE marking according to Low Voltage Directive Energy efficiency class DIMENSIONS Boiler width (mm) Depth boiler (mm) Boiler height (mm) Total weight loose (kg) Water content (l) Combustion chamber volume (l) Filling space depth (mm) Filling space width (mm) FUEL Logs according EN14961-5 Max. water content 255	Nominal heat output (kW)	25,0
Permissible operating pressure (bar) Test pressure (bar) Pressure condition combustion chamber Unterdruck Recommended minimum storage volume (I) Max. Boiler temperature (°C) Pressure loss at nominal load (mbar) Return lift group Opening temperature (°C) CE marking according to Low Voltage Directive Energy efficiency class A+ DIMENSIONS Boiler width (mm) Depth boiler (mm) Boiler height (mm) 1385 Flue pipe connection (imm) Total weight loose (kg) Water content (I) Combustion chamber volume (I) Filling space depth (mm) Filling space width (mm) For the space width (Efficiency full load (%)	93,1
Test pressure (bar) Pressure condition combustion chamber Recommended minimum storage volume (l) Max. Boiler temperature (°C) Pressure loss at nominal load (mbar) Return lift group Opening temperature (°C) CE marking according to Low Voltage Directive Energy efficiency class DIMENSIONS Boiler width (mm) Depth boiler (mm) 1385 Boiler height (mm) Height flue pipe connection (mm) Total weight loose (kg) Water content (l) Combustion chamber volume (l) Filling space depth (mm) Filling space Width (mm) Logs according EN14961-5 Max. water content Max. water content	Heat output range (kW) (kW)	12,5 - 25,0
Pressure condition combustion chamber Recommended minimum storage volume (I) Max. Boiler temperature (°C) Pressure loss at nominal load (mbar) Return lift group Opening temperature (°C) CE marking according to Low Voltage Directive Energy efficiency class DIMENSIONS Boiler width (mm) Depth boiler (mm) Boiler height (mm) Height flue pipe connection (mm) Total weight loose (kg) Water content (I) Combustion chamber volume (I) Filling space depth (mm) Filling space width (mm) FUEL Logs according EN14961-5 Max. water content	Permissible operating pressure (bar)	2,5
Recommended minimum storage volume (I) Max. Boiler temperature (°C) Pressure loss at nominal load (mbar) Return lift group Opening temperature (°C) CE marking according to Low Voltage Directive Energy efficiency class A+ DIMENSIONS Boiler width (mm) 588 Depth boiler (mm) 1385 Boiler height (mm) 1347 Height flue pipe connection (mm) 756 Flue pipe connection diameter (mm) 150 Total weight loose (kg) Water content (I) Combustion chamber volume (I) Filling space depth (mm) Filling space Width (mm) Filling space width (mm) Fulling space width (mm) FUEL Logs according EN14961-5 Max. water content	Test pressure (bar)	5,5
Max. Boiler temperature (°C) 90 Pressure loss at nominal load (mbar) 9 Return lift group Opening temperature (°C) 60 CE marking according to Low Voltage Directive CE Energy efficiency class A+ DIMENSIONS Boiler width (mm) 588 Depth boiler (mm) 1385 Boiler height (mm) 756 Flue pipe connection (mm) 756 Flue pipe connection diameter (mm) 150 Total weight loose (kg) 519 Water content (l) 115 Combustion chamber volume (l) 90 Filling space depth (mm) 600 Filling space width (mm) 250 FUEL Logs according EN14961-5 Max. water content 25	Pressure condition combustion chamber	Unterdruck
Pressure loss at nominal load (mbar) Return lift group Opening temperature (°C) CE marking according to Low Voltage Directive Energy efficiency class A+ DIMENSIONS Boiler width (mm) Depth boiler (mm) 1385 Boiler height (mm) Height flue pipe connection (mm) 756 Flue pipe connection diameter (mm) 1300 Total weight loose (kg) Water content (l) Combustion chamber volume (l) Filling space depth (mm) Filling space Width (mm) Fulling space Width (mm)	Recommended minimum storage volume (l)	2000
Return lift group Opening temperature (°C) 60 CE marking according to Low Voltage Directive CE Energy efficiency class A+ DIMENSIONS Boiler width (mm) 588 Depth boiler (mm) 1385 Boiler height (mm) 1347 Height flue pipe connection (mm) 756 Flue pipe connection diameter (mm) 150 Total weight loose (kg) 519 Water content (l) 115 Combustion chamber volume (l) 90 Filling space depth (mm) 600 Filling space Width (mm) 250 FUEL Logs according EN14961-5 Max. water content 25	Max. Boiler temperature (°C)	90
CE marking according to Low Voltage Directive Energy efficiency class DIMENSIONS Boiler width (mm) Depth boiler (mm) 1385 Boiler height (mm) 1347 Height flue pipe connection (mm) Flue pipe connection diameter (mm) Total weight loose (kg) Water content (I) Combustion chamber volume (I) Filling space depth (mm) Filling space Height (mm) Filling space width (mm) FUEL Logs according EN14961-5 Max. water content CE CE CE CE CE CE CE CE CE C	Pressure loss at nominal load (mbar)	9
Energy efficiency class Boiler width (mm) Depth boiler (mm) Boiler height (mm) 1347 Height flue pipe connection (mm) Total weight loose (kg) Water content (l) Combustion chamber volume (l) Filling space depth (mm) Filling space width (mm) Full Logs according EN14961-5 Max. water content A+ A+ A+ A+ A+ A+ A+ DIMENSIONS A+ A+ A+ A+ A+ A+ A+ A+ A+ A	Return lift group Opening temperature (°C)	60
Boiler width (mm) 588 Depth boiler (mm) 1385 Boiler height (mm) 1347 Height flue pipe connection (mm) 756 Flue pipe connection diameter (mm) 150 Total weight loose (kg) 519 Water content (l) 115 Combustion chamber volume (l) 90 Filling space depth (mm) 600 Filling space Width (mm) 250 FUEL Logs according EN14961-5 Max. water content 25	CE marking according to Low Voltage Directive	CE
Boiler width (mm) 588 Depth boiler (mm) 1385 Boiler height (mm) 1347 Height flue pipe connection (mm) 756 Flue pipe connection diameter (mm) 150 Total weight loose (kg) 519 Water content (l) 115 Combustion chamber volume (l) 90 Filling space depth (mm) 600 Filling space Height (mm) 600 Filling space width (mm) 250 FUEL Logs according EN14961-5 Max. water content 25	Energy efficiency class	A+
Depth boiler (mm) Boiler height (mm) Height flue pipe connection (mm) 756 Flue pipe connection diameter (mm) 150 Total weight loose (kg) Water content (l) Combustion chamber volume (l) Filling space depth (mm) Filling space Height (mm) Filling space width (mm) Food Fuel Logs according EN14961-5 Max. water content 25	DIMENSIONS	
Boiler height (mm) 1347 Height flue pipe connection (mm) 756 Flue pipe connection diameter (mm) 150 Total weight loose (kg) 519 Water content (l) 115 Combustion chamber volume (l) 90 Filling space depth (mm) 600 Filling space Height (mm) 600 Filling space width (mm) 250 FUEL Logs according EN14961-5 Max. water content 25	Boiler width (mm)	588
Height flue pipe connection (mm) 756 Flue pipe connection diameter (mm) 150 Total weight loose (kg) Water content (l) Combustion chamber volume (l) Filling space depth (mm) Filling space Height (mm) Filling space width (mm) 250 FUEL Logs according EN14961-5 Max. water content 25	Depth boiler (mm)	1385
Flue pipe connection diameter (mm) Total weight loose (kg) Water content (l) Combustion chamber volume (l) Filling space depth (mm) Filling space Height (mm) Filling space width (mm) Filling space width (mm) Logs according EN14961-5 Max. water content 25	Boiler height (mm)	1347
Total weight loose (kg) 519 Water content (l) 115 Combustion chamber volume (l) 90 Filling space depth (mm) 600 Filling space Height (mm) 600 Filling space width (mm) 250 FUEL Logs according EN14961-5 Max. water content 25	Height flue pipe connection (mm)	756
Water content (I) Combustion chamber volume (I) Filling space depth (mm) Filling space Height (mm) Filling space width (mm) 250 FUEL Logs according EN14961-5 Max. water content 25	Flue pipe connection diameter (mm)	150
Combustion chamber volume (I) Filling space depth (mm) Filling space Height (mm) Filling space width (mm) Filling space width (mm) Logs according EN14961-5 Max. water content 25	Total weight loose (kg)	519
Filling space depth (mm) 600 Filling space Height (mm) 600 Filling space width (mm) 250 FUEL Logs according EN14961-5 Max. water content 25	Water content (I)	115
Filling space Height (mm) 600 Filling space width (mm) 250 FUEL Logs according EN14961-5 Max. water content 25	Combustion chamber volume (I)	90
Filling space width (mm) 250 FUEL Logs according EN14961-5 Max. water content 25	Filling space depth (mm)	600
FUEL Logs according EN14961-5 Max. water content 25	Filling space Height (mm)	600
Logs according EN14961-5 Max. water content 25	Filling space width (mm)	250
Max. water content 25	FUEL	
	Logs according EN14961-5	
Max. log length (mm) 550	Max. water content	25
	Max. log length (mm)	550

CONNECTIONS Forward (Zoll) 1 1/2 Return (Zoll) 1 1/2 3/8 Safety heat exchanger (Zoll) 3/4 Boiler draining (Zoll) THERMAL DISCHARGE SAFETY DEVICE Flow rate (m³/h) 1,5 Min. pressure (bar) 2,0 Max. temperature (°C) 10-15 EXHAUST VALUES Exhaust gas temperature full load (°C) 140 Exhaust gas temperature part load (°C) 110 Exhaust gas mass flow full load (g/s) 19 10 Exhaust gas mass flow partial load (g/s) Necessary chimney draught (Pa) 1 8 ELECTRICAL POWER CONSUMPTION Rated voltage (W) 230 Frequency (Hz) 50 Rated current (A) 10 Max. electrical power (W) 135 Electrical power consumption during operation (W) 60-110 MINIMUM DISTANCE MASONRY 500 To the back (mm) To the front (mm) 900 Left to masonry (mm) 750 Right to masonry (mm) 200 Minimum room height (mm) 1900 INSERTION DIMENSIONS At least (mm) 750

 From 10 Pa, a suitable draught limiter must be used below the firing connection



