3. **Biomass boiler information.**

https://www.windhager.co.uk/products/log-gasification/logwin-premium/

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NO OTHER BOILER IS AS CONVENIENT

Efficient and clean

With the step-loading function, temperatures of up to 80 °C are transported to your heat accumulator in a controlled manner. With its LambdaTherm regulation system, which automatically adapts output to your heating requirements, the LogWIN Premium consistently burns your wood efficiently and produces low emissions. This innovative combustion control system ensures that embers last longer ensuring that the boiler remains ready for operation. You can remove the accumulated ash quickly, cleanly and simply via the attachable ash tray.

Largest filling chamber in its class

No other wood gasification boiler can heat your home as conveniently as the LogWIN Premium Touch. The filling chamber of this innovative boiler has an above-average capacity and can hold around 64 kilogrammes of beech wood. In comparison to other wood gasification boilers on the market you have to replenish it up to 100 times less frequently per year, saving you time you can spend on more important things!

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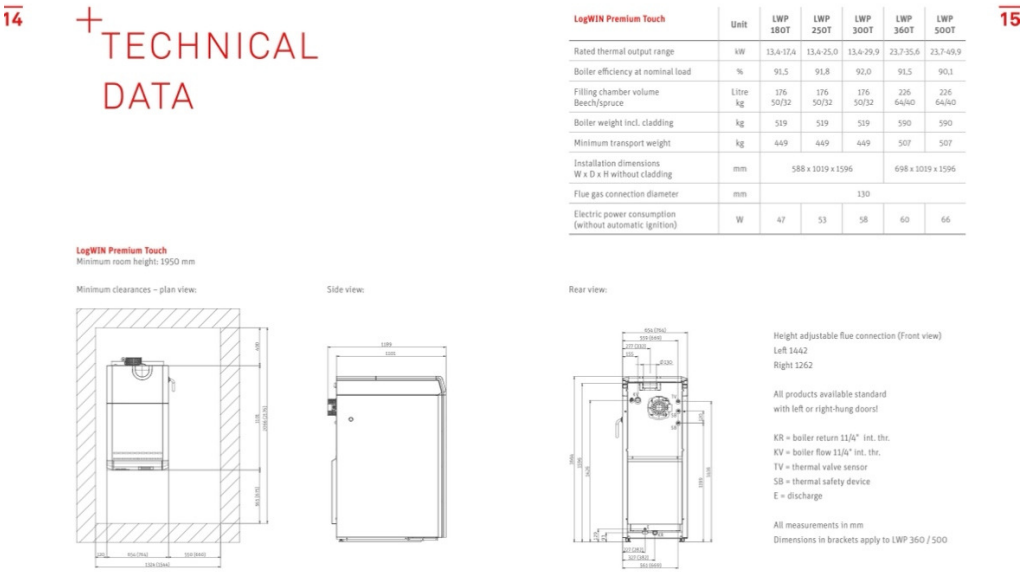
Optimum accumulator heat stratification utilising steploading function

Convenient heating surface cleaning system surface cleaning

Automatic ignition (optional)

Attachable ash tray for simple and clean ash removal

APPROVED PRODUCT HETAS



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TECHNICAL DATA

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LogWIN Premium Touch	Unit	LWP 18OT	LWP 25OT	LWP 30OT	LWP 36OT	LWP 50OT
Rated thermal output range	kW	13,4-17,4	13,4-25,0	13,4-29,9	23,7-35,6	23,7-49,9
Boiler efficiency at nominal load	%	91,5	91,8	92,0	91,5	90,1
Filling chamber volume Beech/spruce	Litre kg	176 50/32	176 50/32	176 50/32	226 64/40	226 64/40
Boiler weight incl. cladding	kg	519	519	519	590	590
Minimum transport weight	kg	449	449	449	507	507
Installation dimensions W x D x H without cladding	mm	588 x 1019 x 1596			698 x 1019 x 1596	
Flue gas connection diameter	mm	130				
Electric power consumption (without automatic ignition)	W	47	53	58	60	66

LogWIN Premium Touch
Minimum room height: 1950 mm

Minimum clearances – plan view:

Side view:

Rear view:

Height adjustable flue connection (Front view)
Left 1442
Right 1262

All products available standard with left or right-hung doors!

KR = boiler return 11/4" int. thr.
KV = boiler flow 11/4" int. thr.
TV = thermal valve sensor
SB = thermal safety device
E = discharge

All measurements in mm
Dimensions in brackets apply to LWP 360 / 500

4. Regarding wind power – after further discussion with solar experts it has been decided that a windmill will not be required.

5. Please see drawings for proposed position of the biomass boiler and solar PV panels.