



TK Log Boilers: 30kW & 45kW

www.hstarm.dk

A highly efficient Danish log boiler featuring:

- Aesthetically pleasing design
- 2 different models (30 or 45kW)
- Electronic controls with mechanical cleaning of the heat exchange tubes
- A large, 150ltr combustion chamber
- Efficient insulation resulting in low heat loss
- Ceramic grate and induced draft fan for efficient, high temperature combustion
- Easy access for firing, cleaning and maintenance

The TK series can be retrospectively adapted to burn pellets as well as logs



... environmentally friendly heating...

TECHNICAL SPECIFICATION

Output and Fuel

output wood/wood pellet	kW	30 or 45
Combustion chamber length	mm	570
Loading door HxW	mm	250 x 496
Combustion chamber volume	Litre	150
Max. log length	cm	50
max. diameter - hardwood	cm	15
max. diameter - softwood	cm	10
Fluegas temperature	°C	150
Efficiency	%	>91
Oupput, Scandpell pellet burner (retro-fit option)	kW	22

Materials and Pressure

Test pressure - boiler	bar	5
Test pressure cooling coil	bar	25
Maximum working pressure - boiler	bar	3
Maximum working pressure - cooling coil	bar	10
Material thickness - combustion chamber	mm	6
Material thickness - Pressure vessel	mm	4

Main dimensions and weight

Height with jacket (excl. flue outlet)	mm	1570
Width with jacket	mm	1150
Depth with jacket	mm	775
Height to flue outlet	mm	1650
Height to flow tapping on back of boiler	mm	1375
Height to return tapping on back of boiler	mm	525
Total weight excluding water	kg	697
Water capacity	Litre	170

Connections

Flow - female thread	inches	1
return - female thread	inches	1
Extra tappings - 2 pcs. female thread	inches	1
Flue (flue outlet outer diameter 129)	mm	130
Electrical supply	VaC	1x230
fuse	A	13

Other

minimum size of storage tank	Litre	2000
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- Elegant, ergonomic design
- Easy to operate, clean and maintain
- Large 150ltr firebox capable of taking ½m logs
- Ceramic burner giving highly efficient combustion
- Effective induced draft fan

TK series

Approved for
government RHI
grant scheme



UK Distributor:

de la Haye Engineering Ltd

Laws Coach House, Duns, Berwickshire, TD11 3LU

Tel: 01361 884040

E-mail: enquiries@delahaye-engineering.co.uk

www.woodfuelboilers.co.uk



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