

KOOLFUEL®
energy for a future

Hoval BioLyt
Wood Pellet Boiler
10 to 26 kW



Hoval

Key Features:

- Carbon neutral central heating
- Fully automatic pellet feed
- Bagged or bulk pellet options
- Automatic ash removal with integrated ash box
- Automatic heat exchange cleaner
- Stainless steel burner
- Fully modulating controls
- Capable of integration with Hoval Solkit

The most cost effective way to reduce
your carbon footprint

Home heating – Efficient, comfortable and now environmentally responsible.



Benefits:

Environmentally and planning policy friendly

End-user experience similar to gas or oil boiler alternative; comfort and efficiency

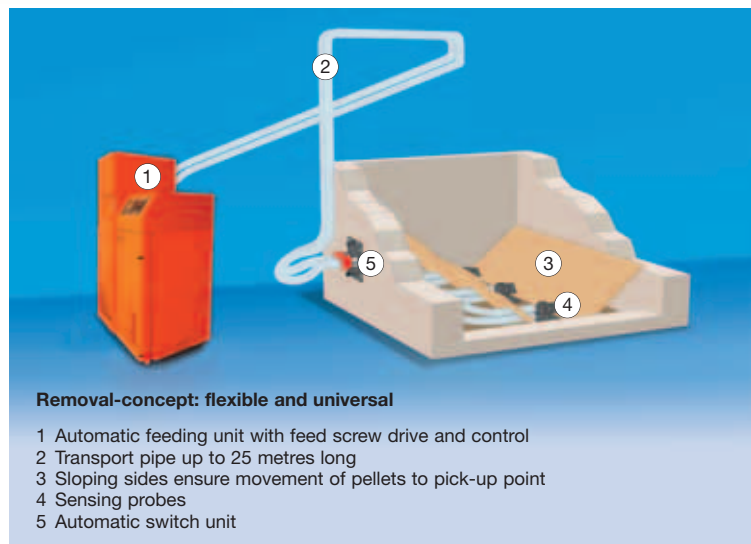
Only needs de-ashing once or twice in a heating season

Modulation enables close matching of output to demand

Integration with Solkit domestic hot water heating can be done using state of the art intelligent TopTronic controller. This combines heating and hot water requirement to allow a fully renewable energy system.

The comfortable option: Fully automatic wood pellet feeder.

As an option Hoval offers a fully automatic pellet feeding system. The feeding unit transports the pellets via pipeline from a special storage room directly to the storage box of the Hoval BioLyt. The pellets are delivered by the supplier in bulk and are blown directly into the storage room. Three reversible probes ensure the storage room will be fully utilised.



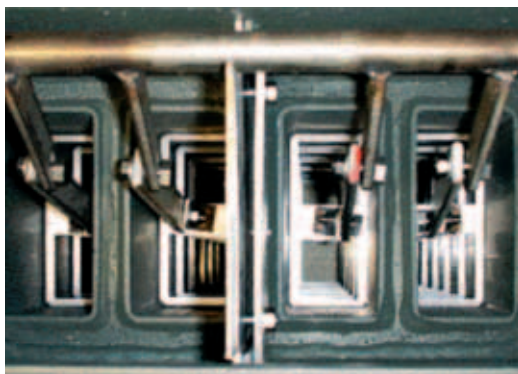
Removal-concept: flexible and universal

- 1 Automatic feeding unit with feed screw drive and control
- 2 Transport pipe up to 25 metres long
- 3 Sloping sides ensure movement of pellets to pick-up point
- 4 Sensing probes
- 5 Automatic switch unit



You don't have to look forward to ecological heating, because it is available here and now.

The Hoval BioLyt switches off automatically if heat isn't needed. If the controls demand heat the burner ignites independently. Operation, function control and fuel dosage are controlled automatically. Up to 95% efficiency is reached with the BioLyt. This means lower heating costs and a clean and environment-friendly operation.



More heat performance per kilogramme of wood pellets: self-cleaning heating surfaces.

The heating surfaces are responsible for the transmission of heat to the heating water. If soot is deposited on the heating surfaces, heat transmission is affected, fuel consumption rises and flue emissions increase. This can't happen with the Hoval BioLyt. The special self-cleaning heating surfaces of the BioLyt stay clean and avoid pollution. This improves the efficiency factor, lowers maintenance and ensures a constant low fuel usage in the long term.



Ash removal:

Hoval's "easy philosophy" has developed in response to the demands of our customers. This is reflected in the design details of our products. An example on the BioLyt is its patented, fully automatic cleaning system. Ashes that occur on combustion, are removed automatically and moved to a container. As a result cleaning intervals are extended. The ash container needs emptying only once or twice in the heating season.

Technical Data		10	15	21	26
Hoval BioLyt	Typ				
Heat performance (output)	kW	2.9 – 9.9	4.3 – 14.9	6.3 – 21.0	7.5 – 25.9
Boiler efficiency	%	92.5	91.6	90.4	92.5
Pellet box capacity	Ltr.	232	232	232	232
Boiler weight [exc. Pellets]	kg	330	330	340	340
Measurements without Automatic pellet feeder	mm	1028 / 1461 / 733			
Measurements with Automatic pellet feeder	mm	1028 / 1889 / 733			
For greater outputs 50/70 kW see separate leaflet Subject to change without notice					

Hoval BioLyt. Combines ecology, economy and highest comfort requirements.



The Hoval BioLyt simply supplies an efficient, comfortable and ecologically sustainable heating solution.

Wood – the unbeatable environmentally friendly alternative.

One of the most environmentally friendly fuels is growing near you – wood! Wood is environment friendly, because it is a local fuel, which grows again and is CO₂ neutral. Only as much CO₂ is emitted on combustion of wood as is fixed by photosynthesis when the trees are growing. There is no Climate Change Levy on this fuel. Furthermore; heating with wood can be much cheaper than heating with fossil fuels and offers more security for the future.

Pellets – compressed bundles of energy.

The fuel for the BioLyt – the wood pellets – are made of 100% untreated, natural wood. By-products of the wood industry are used as raw material for pellets. Without any extra binders the raw material is compressed and extruded under high pressure to small cylindrical pellets. The natural lignin present in wood acts as the glue, binding the pellet together. Two kilogrammes of pellets generate the same heat energy as one litre of oil. Pellets are supplied in sacks or in a special 'blower' lorry – similar to heating oil being delivered by tanker.



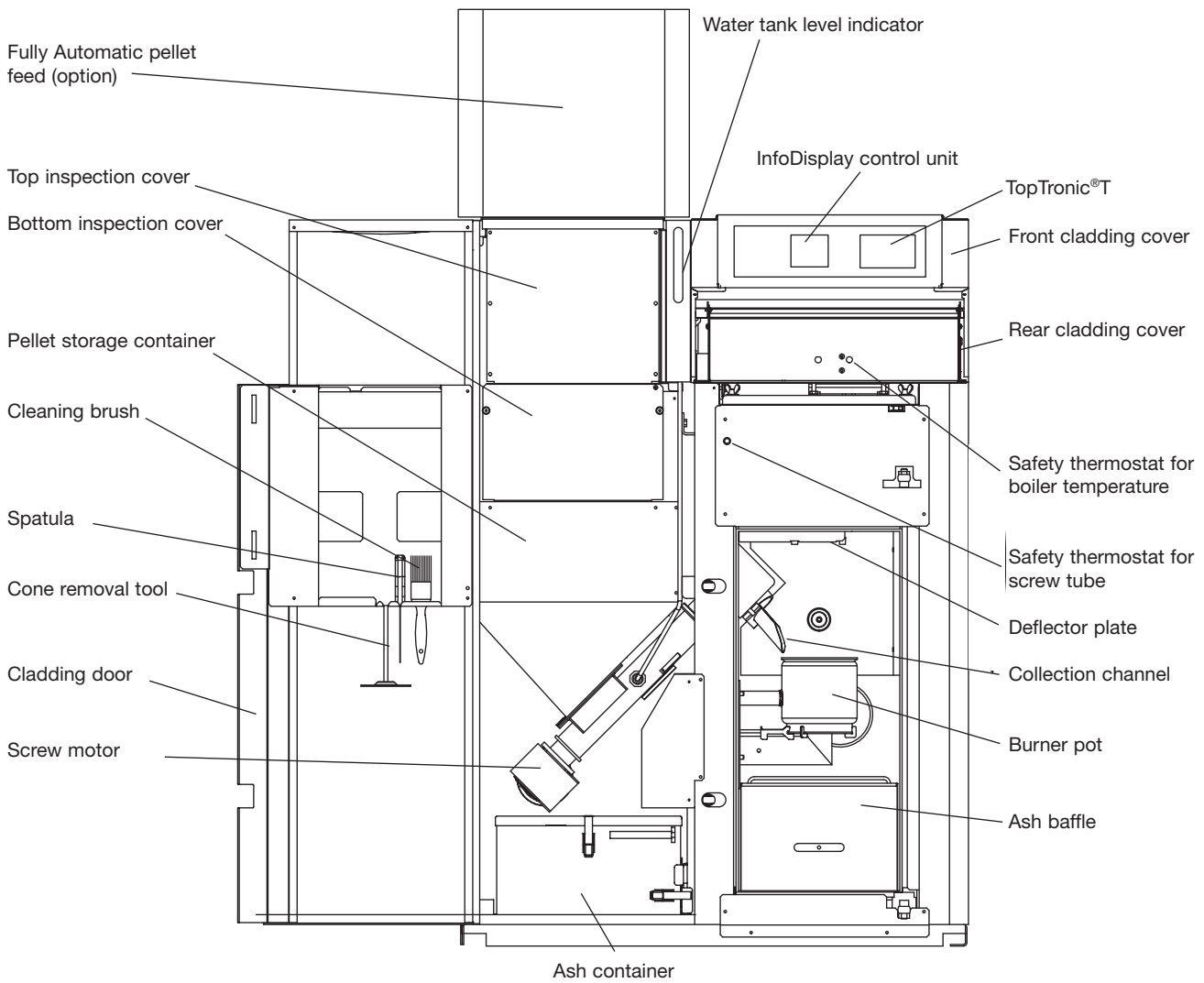
BioLyt – modern and comfortable heating.

In comfort and user operation the Hoval BioLyt is as good as oil or gas heating. Thanks to a modulating burner (30 – 100%) heat performances can be adjusted as needed. Operation is fully automatic. The very small amount of ash in wood pellets is automatically transferred to a special ash box.



Sun and wood: The perfect combination for a fully CO₂ neutral heat supply.

The new Hoval TopTronic T controller allows full integration of the BioLyt with the Solkit, Hoval's solar thermal unit for water heating.



Commissioning and After Sales Service.

A team of regionally based Service Engineers are employed to provide commissioning and after sales service support.

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Conservation of energy - protection of the environment

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