

**Condensing flue gas heat exchanger**  
ThermoCondensor aluFer®

**Hoval**

Responsibility for energy and environment



**Maximum energy savings by condensing technology for large performance.**

# ThermoCondensator aluFer®.

## Advantages at a glance.

With this flue gas heat exchanger you obtain the highest energy efficiency. For all conventional boilers, energy is lost through the chimney. With the ThermoCondensator aluFer®, this energy is not lost! In addition, a significant improvement in boiler efficiency is noted, due the ability of full flue gas condensation.

### Economical



#### Lower operating costs

- **Up to 20 % additional energy saving**
- **Lower operating costs**  
due to reduced energy consumption through aluFer® condensing technology.
- **Lower installation costs.**  
No additional pump is required due to the low hydraulic resistance with full system water flowing through the ThermoCondensator.

### Ecological



#### Lower emissions

- **Reduced energy consumption**  
due to optimised use of the flue gas heat energy
- **Less emissions**  
due to reduced energy consumption, leads to less environmental pollution

### Easy to use



#### Simple and flexible installation

- **Simple and flexible installation**  
due to multi-position flue gas inlet and flue gas outlet.

### Clever

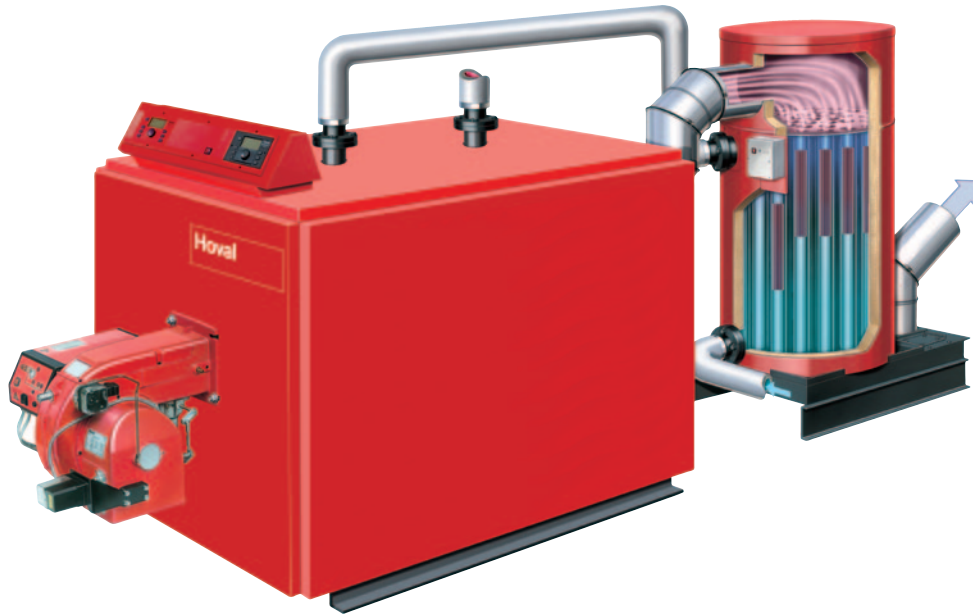


#### System combinations

- **ThermoCondensator aluFer® is very easy to connect** to various types of boilers
- **Approved technology**  
in many applications

# ThermoCondensator aluFer®.

## Highest efficiency for each heating boiler.



Installation example: 3 ThermoCondensator aluFer® (1100) at Julius Blum GmbH in Fussach (A).



### Up to 20 % additional energy saving

The Hoval ThermoCondensator aluFer® offers an optimised option for the heating boiler range. With the additional flue gas heat exchanger you gain highest energy utilisation.

The Hoval ThermoCondensator aluFer® allows the most modern flue gas condensing. While you lose energy with conventional boilers through the chimney as flue gas losses, you gain energy with the ThermoCondensator aluFer®. Furthermore the boiler's total efficiency will be improved.

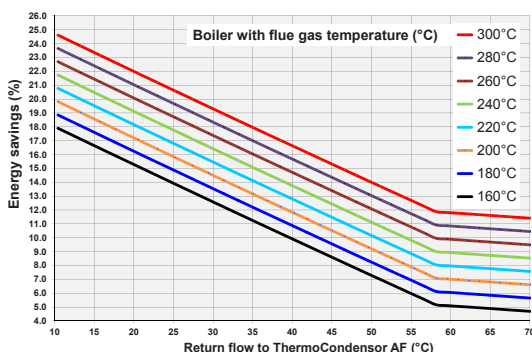


### Up to 15 % additional energy saving for the Hoval Max-3 boiler range

The Hoval ThermoCondensator aluFer® also offers an optimising option for the Hoval Max-3 boiler range. With the additional flue gas heat exchanger you gain highest energy utilisation.

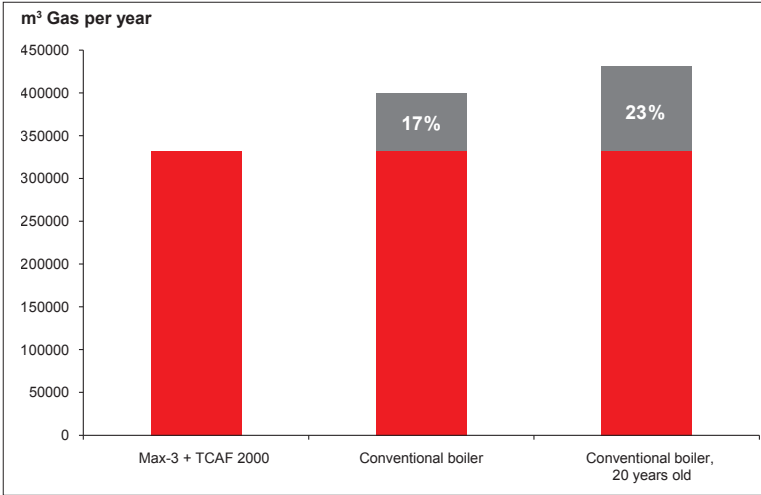
The Hoval ThermoCondensator aluFer® allows modern flue gas condensing. It is also possible to gain energy which in conventional boilers is lost through the chimney as flue gas loss.

The result: The efficiency of the Hoval Max-3 improves by additional 15 %. ThermoCondensators aluFer® are offered as separate freestanding units. All connections to the boiler and the condenser are designed for quick and simple installation.



# ThermoCondensor aluFer®.

## Additional efficiency through flue gas condensing – for boilers with 450 to 3200 kW.

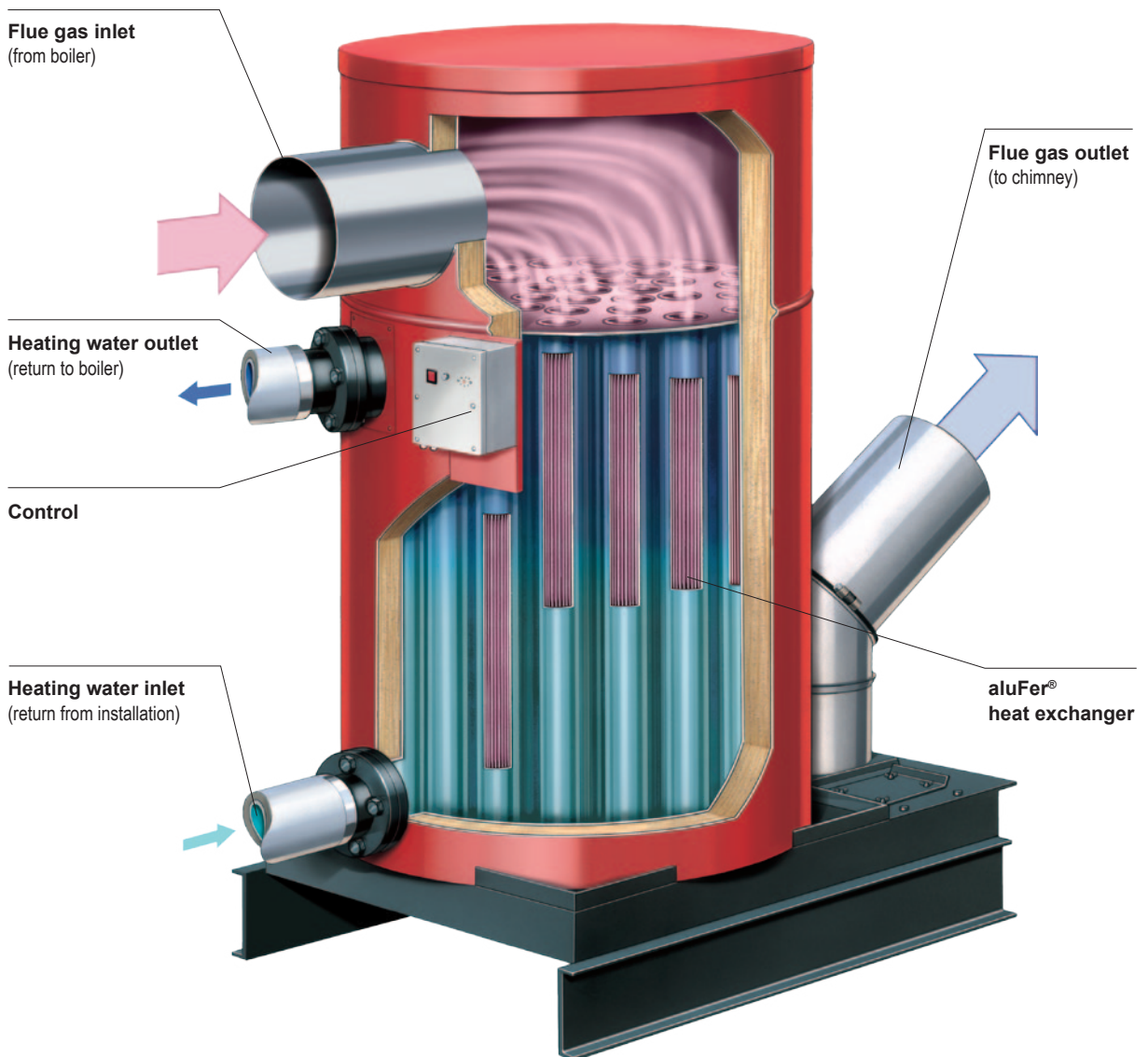


**An investment that pays off**  
Possible additional investment costs are quickly amortised by the high degree of efficiency in comparison with conventional boilers. These possible additional investment costs bring significant added benefits, which become your profit. A profit that is ultimately reflected in your bottom line.



# ThermoCondensor aluFer®.

## Maximum energy savings by using the condensing technology.



Technical data ThermoCondensor aluFer®	nominal output kW	water content l	length mm	width mm	height mm	weight casing incl. kg
(450)	450	99	1140	688	1682	302
(650)	650	208	1454	798	1831	477
(950)	950	179	1454	798	1831	527
(1050)	1500	239	1575	978	1908	989
(2000)	2000	325	1575	978	2208	1196
(2600)	2600	321	1761	1158	1970	1266
(3200)	3200	436	1761	1158	2270	1582

Subject to change without notice

# What you can count on.

# Hoval



## Clever and complete solutions from a single source

Consistent Hoval system technology simplifies the links between different technologies and establishes a reliable platform for efficient and dependable solutions. With us, you can easily incorporate solar or biomass energy solutions into your heating system. Hoval – everything you need from one source.



## Planning support from experts

Hoval are happy to assist you and your planning partners in developing progressive systems, allowing you to take advantage of our expertise, and to count on the experience of our specialists.

Ask about Hoval system solutions and learn more about the many ways to combine highly efficient condensing boilers with our range of renewable products.



## Hoval Service.

For specialist commissioning and maintenance of your Hoval appliances contact our service and spare parts department or your local Hoval partner.

This is your guarantee for economical operation, reliability and added value.

## Responsibility for energy and environment.

The Hoval brand is internationally known as one of the leading suppliers of indoor climate control solutions. More than 65 years of experience have given us the necessary capabilities and motivation to continuously develop exceptional solutions and technically superior equipment. Maximising energy efficiency and thus protecting the environment are both our commitment and our incentive. Hoval has established itself as an expert provider of intelligent heating and ventilation systems that are exported to over 50 countries worldwide.

Your heating planner / installation engineer

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