

ÖkoFEN

Green Heat from Wood Pellets.

We support:
**unicef
Austria**

Pellet heating systems
Product Catalog



Europe's specialist in pellet heating.

ÖkoFEN represents modern renewable energy, using environmentally friendly wood pellets. Founded in 1989 by the pioneer Herbert Ortner, the company has specialised solely in pellet heating systems.

The current product range includes the experience and the competence of a Quarter century research, development quarter and more than 150,000 units produced.

The development of the first type-tested wood pellet heating system and the world's first pellet boilers with condensing technology were groundbreaking. The active spirit of invention is reflected in clever concepts for storage, control and smart solutions for buildings with low energy requirements.

Pioneers never stop, being the first.



Herbert Ortner
**Pioneer &
ÖkoFEN founder**
Herbert Ortner

Stefan Ortner
ÖkoFEN CEO
Stefan Ortner

For more than 30 years we have been relying on the renewable raw material wood. We were the first in Central Europe to discover the potential of wood pellets at the beginning of the 90s and built the boilers for it. In 1997 we launched the first type-tested pellet boiler on the market. Today we build pellet boilers which produce electricity. Our aim has always been to be the first in technology and new markets. That is what drives us today just as it did then. Our heating systems are now in operation in 21 countries and we are already exporting to our future markets in Asia, Japan, South Korea and North America.

With an ÖkoFEN pellet heating system, you are opting for an efficient, comfortable and environmentally friendly form of heating. A heating system that adapts to your power requirements and reliably creates a comfortable living and quality of life. For heat with a clear conscience.

We are the first generation to see the effects of climate change. And perhaps the last one to do something about it.

An incentive to opt for a climate-neutral energy solution and to take a further step towards a future worth living.

unicef Austria says thank you!

In many regions of the world, the effects are already clearly felt and are increasingly leading to crisis situations.

Especially children suffer from the lack of access to clean water. That is why we are bundling our social commitment together with UNICEF Austria.

To ensure that more children have access to clean water, ÖkoFEN donates a „clean water package“ to UNICEF Austria for every appliance with integrated water heating sold in Austria.



What speaks for pellets? The future.



More than two thirds of the energy used in the household is used for heating. **Without a rethink in heating, no energy transition is possible.** Wood pellets are the only raw material with which 100 % renewable, comfortable and climate-friendly heat can be generated in the home.



Sustainable

Wood is a **renewable natural product** and is also available to future generations. The area of European forests increases by one football field per minute.



Climate-friendly

Switching to pellets is the most efficient measure to save CO₂ in the household. Each pellet heating system saves about 8 tons of CO₂ per year. That is as much CO₂ as three diesel cars release per year.



Storable & sufficiently available

Because wood is the building material of the future, more and more wood residues from sawmills are being recycled into pellets. These can be easily stored and provide a safe and relaxing winter by stocking them at home.



Ressource saving

Pellets are obtained from the **remains of wood processing.** No tree is cut down for this purpose. Sawdust is used to make wood pellets, which are burned efficiently in ÖkoFEN boilers, CO₂-neutral.



Regional

When wood pellets are purchased, **the value added remains in the country.** This strengthens the domestic economy, makes it independent of crises and creates new jobs.



Comfortable

The truck delivers and blows the pellets comfortably into the storage. From there they are transported **fully automatically** to the boiler, than automatically ignited and burned.

Feuer

neu erfunden

The cleanest
ÖkoFEN pellet heating
system ever



Condens
10-18 kW

Page 21

Compact
10-18 kW

Page 17

Smart XS
10-18 kW

Page 27

Our aim is to be the technology and market leader in pellet heating systems. Reliable and comfortable operation as well as a top service are basic requirements for us.



CO₂ Live Ticker
co2savings.
oekofen.com



Reliability

ÖkoFEN boilers are highly reliable and low-maintenance, which is why 99% of our customers would opt for us again at any time.

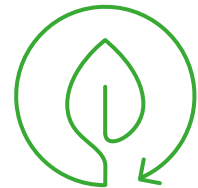
They appreciate the quality of our products and the comprehensive customer service.



Innovation

Since 1997 ÖkoFEN has been the driver for innovation of the pellet boiler industry.

Technical milestones such as the Condens technology or the development of the first electricity-generating pellet boiler were developed by us.



Ecology

Not only the ÖkoFEN products contribute to the avoidance of CO₂ emissions. We also focus on sustainability in production: 100% green electricity, low-energy company buildings and electric vehicles as company cars - environmental protection is something we live by conviction.



Social responsibility

ÖkoFEN products are an investment in the future. The aim of our company is not to maximise profits, but to help shape the future of our children and grandchildren as positively as possible. We invest the added value we generate in the further development of our products and are involved in the following areas social projects worldwide.



Convenience

Cosy heat - that's what you notice from your pellet boiler. ÖkoFEN boilers usually only need to be serviced once a year. The heating can be conveniently controlled from anywhere via your smartphone. The rare emptying of the ash box is clean and without exertion.



Absolutely clean

Thanks to our ZeroFlame® technology, the amount of dust leaving the highly efficient pellet heating system is barely measurable. With our latest development, we are thus making a significant contribution to the purity of the air.

The right boiler at a glance.

Conversion or new construction. Existing storage space or limited space. 4in1 complete solution or expandable power plant: At ÖkoFEN you will find the heating system that meets your requirements and gives you a high degree of flexibility. guaranteed. Because: ÖkoFEN boilers are retrofittable and scalable in their performance.



The ÖkoFEN customer service

We are close to you. You can find the contact person for your region at www.oekofen.com

The ÖkoFEN advantages

Standard equipment on all models.



Fully automatic

No effort for a whole year (except emptying ash box)



Innovative and always at the state of the art



Smart heating control with **touch panel**.



Convenient online connection

for customers and service partners



High efficiency

and cost-effective operation



99 % customer satisfaction



Made in Austria



Low maintenance

minimum service effort

Non-condensing

The original from ÖkoFEN.
Optimised over decades
and always new
invented.



efficient combustion control

Multisegment burner plate, vacuum control and flame chamber sensor provide for reliable operation, constant high efficiency and an optimal adaptation of the heating output to the requirements of your house.



Pellematic

The powerful original for modernisation and boiler replacement.



Pellematic Compact

The economic one for highest comfort and smallest space.

Condensing

Highly efficient and
innovative. Combustion
with unprecedented
efficiency.



ecc + Condens technology

All ÖkoFEN pellet boilers are equipped with ecc technology. Combined with the revolutionary Condens technology, additional energy is generated from the heat contained in the flue gas. The result: up to 15 % more efficiency.



Pellematic Condens

The most efficient pellet condensing boiler worldwide. eReady.



Pellematic Smart XS

The compact 4in1-pellet heating for quick installation.



Optional: With ZeroFlame[®] technology

Pellematic Compact (10-18 kW), Pellematic Condens (10-18 kW), Pellematic Smart XS (10-18 kW) as the cleanest ÖkoFEN pellet heating system ever.



Pellematic

The powerful
original for
modernisation and
boiler replacement.

The
Original

since 1997
constantly
improved



Modern technology

saves energy
heats highly efficiently
and affordable

Performance range

10 kW (to 3 kW)
12 kW (to 4 kW)
15 kW (to 5 kW)
20 kW (to 6 kW)

25 kW (to 8 kW)
32 kW (to 10 kW)

The Pellematic is the original from ÖkoFEN.

Due to the constant further development this boiler offers technology at the highest level and is still the optimal solution for boiler modernizers.

The boiler output of the Pellematic is tailored exactly to your requirements. If your requirements change, for example due to the insulation of your house, a service technician can adopt the boiler output to the new requirement by a simple operation.

Your advantage: Low pellet consumption due to an always optimum utilization of the plant.

Pellematic Compact

The pellet boiler for little space and a lot of comfort.

Low space requirement for easy planning and installation



optional (10-18 kW)

Very compact
just 73 x 72 cm

Combinable with
Smartlink combi
heat accumulator (10-18 kW)

Performance range

10 kW (to 3 kW)
12 kW (to 4 kW)
14 kW (to 4 kW)
16 kW (to 5 kW)
18 kW (to 6 kW)

22 kW (bis 7 kW)
25 kW (bis 8 kW)
28 kW (bis 8 kW)
32 kW (bis 10 kW)

The Pellematic Compact - the space-saving miracle.

As one of the most compact pellet boilers on the market, the Pellematic Compact convinces with its possibility of wall and corner positioning. With little space it finds its place in the smallest heating or technical room.

Cleaning, ash removal and ignition are fully automatic, reliable and extremely quiet. The ashes needs only be emptied twice a year. The online connection of the Pellematic Compact makes it even easier to operate. The processing of online weather data enables greater efficiency and comfortable room temperatures even when the sun is shining.

Pellematic Condens

Advanced heating
technology for
forward thinkers.

Up to
15%
less Pellet
consumption



optional (10-18 kW)



Record-efficiency
saves up to 15 % heating costs

Very compact
just 73 x 72 cm

Combinable with
Smartlink combi
heat accumulator (10-18 kW)

Performance range
10 kW (to 3 kW)
12 kW (to 4 kW)
14 kW (to 4 kW)
16 kW (to 5 kW)
18 kW (to 6 kW)
22 kW (to 7 kW)
25 kW (to 8 kW)
28 kW (to 8 kW)
32kW (to 10 kW)

The Pellematic Condens condensing boiler sets a new milestone.
The boiler with the trend-setting Condens technology makes the use of condensing technology possible in any heat distribution system, completely without buffer tank.

Compact pellet boiler with highest efficiency.
Top efficiencies of up to 107.3 %, a compact design with a small space required as well as the intelligent arrangement of all connections make the Pellematic Condens a unique device. It scores with efficiency and space requirement and thus describes a new generation of pellet boilers.

Pellematic Smart XS

The device for the complete heating system in the smallest space.



optional (10-18 kW)



All-in-one

Pellet-Condensing boiler
Puffer tank
DHW onboard
Heating circuits
Solar heat exchanger (option)

Very compact

on device on just 0,9 m²

Performance range

10 kW (to 3 kW)
12 kW (to 4 kW)
14 kW (to 4 kW)
16 kW (to 5 kW)
18 kW (to 6 kW)

The Pellematic Smart XS convinces as an all-in-one solution, which combines all functions of a heating system. Pellet boiler including compact buffer tank, which can optionally be combined with solar. In addition, there are heating circuit groups and a fresh water module for hot water preparation.

Its shape is also extremely compact. So it unites everything, what you need in a boiler room, on only 0.9 m². The small installation area and the intelligent and flexible arrangement of all connections enable the perfect adaptability to your boiler room.

Pellematic Maxi

More power with
a small foot print
and condensing
technology.

now
even more efficiency

107%*



Rekord-Wirkungsgrad

107 % with condensing
heat exchanger
saves up to 15 % heating costs

Very compact

fits through every standard door

Expandable

up to 256 kW in cascade mode

Performance range

Non-condensing	Condensing
36 kW (to 11 kW)	41 kW (to 12 kW)
48 kW (to 15 kW)	55 kW (to 17 kW)
56 kW (to 17 kW)	64 kW (to 19 kW)

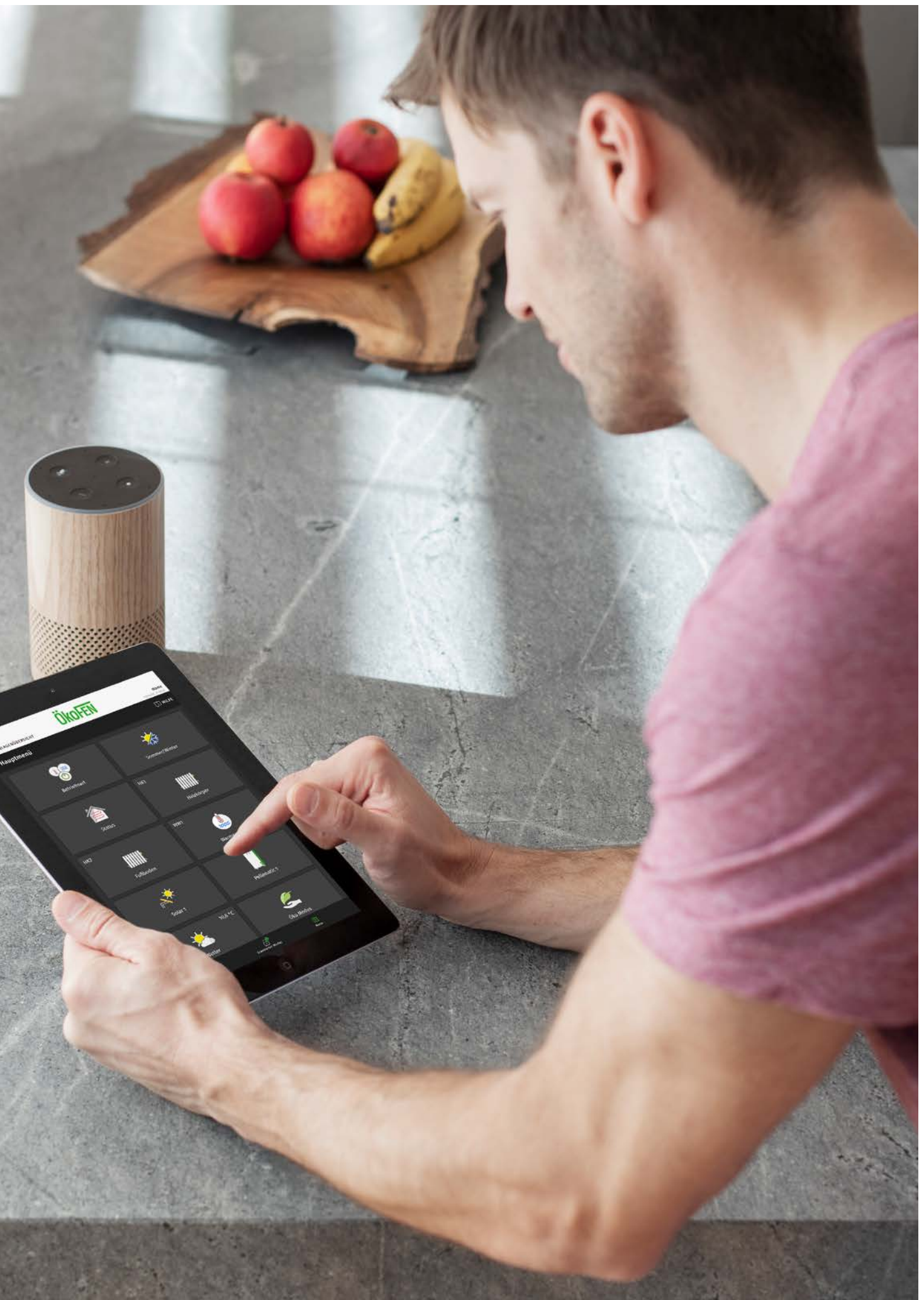
Wood pellet boiler with up to 64 kw

The Pellematic Maxi is established on the proven technology of the Pellematic series and brings it to a powerful 56 kilowatt boiler (up to 64 kW with condensing technology), suitable for use in commercial and industrial buildings, for local authorities and in large-scale projects.

Not only is it big on thermal performance, but the Pellematic Maxi has all features too, including a remote monitor with automatic notification for re-ordering pellet supplies and the compact ash box supplied as standard.

Available as non-condensing or condensing boiler.

* Test bench value related to the lower calorific value of the fuel, determined at continuous full load ideal operation according to EN303-5 Practical values and seasonal efficiencies may deviate due to local conditions, fuel properties, manufacturing tolerances and individual operating modes. The data do not refer to individual products, but serve only for comparison purposes between boiler types.



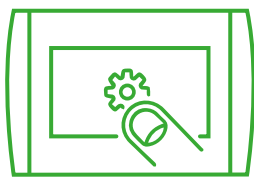
Pelletronic Touch

The fully automatic control for the whole system.



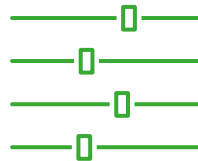
The navigation of the Pelletronic Touch is easy from the very first second. The clearly arranged, illuminated graphic display with symbol and text display can be operated intuitively at the touch of a finger.

Ongoing new features for free



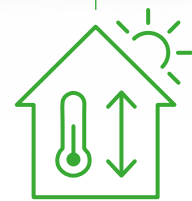
Custom dash board

From software version 4.0 you can set the appearance of the Start screen as you wish. This allows you to quickly access your most important functions and see the values that are important to you at first glance.



The all-in-one controller

With the Pelletronic Touch you control the complete heating system of your home. Up to six heating circuits, three hot water boilers, three buffer tanks and solar systems with two solar circuits each can be controlled in any number of ways.



Heating with weather forecast*

The controller evaluates online live weather data for its location and regulates the heating system according to expected sunshine. If sunshine is expected, the controller automatically lowers the room temperature. This prevents overheating and saves valuable heating energy.

* Functions are available if there is an internet connection.

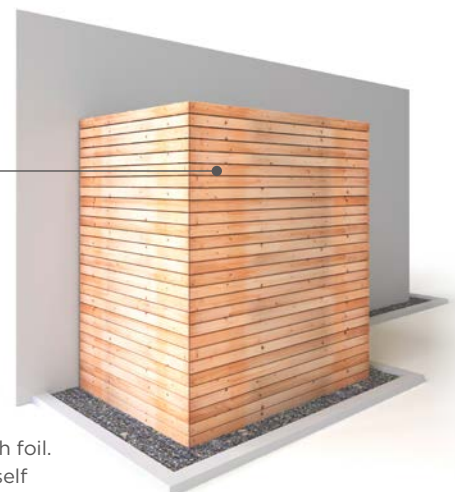
Flexilo fabric tanks. Incredible adaptable.

- **Simple and quick** installation
- **Clean and space saving** storage
- **Dust-tight, permeable to air** and permanently **anti-static**
- Suitable **for damp enclosed rooms**
- Even suitable for **low headroom**
- **Many different sizes** to 12.000 kg
- **Can be installed outside** if protected from rain and UV light
- **Affordable**



**No space in the building?
Flexilo Outdoor
for outdoor installation.**

For up to 7 tons of pellets



Standard version with foil.
Optional: Do-It-Yourself



Scan QR code and learn more on the product page!

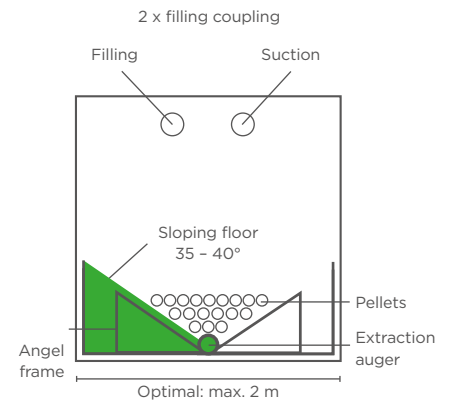
Storage room. Optimum use of existing space.

When switching from oil to pellets, the existing tank room is usually sufficient to store an annual supply of wood pellets. As an alternative to the fabric tank, a cost-effective sloping floor with pellet delivery auger can also be installed.



Keep away from moisture

Your storage room must always be dry. If this is not the case, we recommend the use of a fabric tank. In case of contact with water, damp walls or surfaces, pellets swell up and become unusable.





Your ÖkoFEN dealer:

Austria - Headquarters
ÖkoFEN F&E Ges.m.b.H.
Gewerbepark 1
4133 Niederkappel
tel.: +43 7286 74 50
e-mail: info@pelletsheizung.at
www.pelletsheizung.at