

# The Øne Collection

September 2009



By appointment to The Royal Danish Court

**morsø**

Making life warmer





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## A choice for life

When you eventually put this magazine down, the likelihood is you'll be sold. You'll have fallen for Morsø's timeless look. You'll have fallen in love with cast iron's unique properties. And you'll be convinced by our stoves' obvious plus points in terms of the environment.

But believe us – when you describe your relationship with your Morsø in a few years' time, it won't be the design, cast iron or environment which will fuel your fondness. By then, your stove will have long become one of the best-loved items of furniture in your home. A good friend, you will share a special sense of inner peace and harmony. A trusty source of comfort, you will love it for its sound, look and warmth. And for the glow of happiness it has spread throughout the house year after year.

To choose a Morsø is, in other words, to make a choice for life.

HOFFER



## **A long history. Told in brief.**

The history of Morsø Jernstøberi dates all the way back to 1853, when business graduate, N. A. Christensen, started his own iron foundry on the Limfjord island of Mors. In the first few years, the small handful of employees manufactured everything from barn windows and memorial crosses to cooking stoves, pots and pans.

However, N. A. Christensen wasn't just your usual business man. With his well-honed talent for good business and his many creative and forward-thinking ideas, he quickly succeeded in turning the company into one of the country's leading iron foundries, and towards the close of the century, Morsø's cast goods were well-known throughout the country. Especially the popular solid fuel stoves and cooking stoves, which had now become the company's most important brand.





**Over the years**, the design of the Morsø stove has been continuously developed, always following the times and fashions – but never forgetting the loyalty and dedication to cast iron and heart. Traditional does not mean old-fashioned at Morsø.



### **Royal warmth**

At the turn of the century, Morsø began supplying heating systems to churches, schools and a number of public buildings, including the state railways and various ministries. And at the start of the 1900s, the popular imperial-style stoves found their way into the royal apartments at Amalienborg. In 1915, various stoves had already been supplied to the palaces at Amalienborg and to several other royal residences, and the company was therefore bestowed the prestigious title of Purveyor to His Majesty the King by King Christian X. Later, in 1969, the title was changed to Purveyor to the Royal Danish Court.

### **Always in front**

Right from the earliest years, development and innovation have been an important driving force for Morsø Jernstøberi. Various history-making products and principles have, therefore, put the beautiful island in Limfjord on the map. For example, the convection principle, which at the turn of the new century was developed in cooperation with other





foundries, and which has set completely new standards on how efficiently and especially how comfortably we can heat our homes with a solid fuel stove.

When central heating and, therefore, radiators began to make their mark in Danish homes in the 1950s, the solid fuel stove was out of fashion. But Morsø showed once again that it had its finger on the pulse, when the revolutionary open fireplace stove, the 1122, was launched. In so doing, Morsø opened up a completely new market and a completely new way of making life warmer. In both senses of the word.

In summary, Morsø has, step by step, led the way in both new designs and new ways of combining form and function; efficiency with beauty and comfort – and also in recent years with environmental awareness.

MOYISO

## The original cast-iron stove

If you asked 100 random Danish people to name a make of stove, more than 90 of them would without doubt say "Morsø". With good reason. For generations, Morsø has been the quintessence of a Danish stove. Timeless and modern at the same time. Efficient. Cosy. And made of cast iron, which many people still see as the best material for a stove.

We're very aware of this.

No matter how hard they've tried to produce new, cheaper and lighter materials, nobody has managed to produce a stove with the same unique properties as the cast-iron stove:

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- All stoves want to expand as they get hot. However, cast iron has a thermal tension, which makes the material especially well suited to changing temperatures. The result is that a Morsø cast-iron stove neither twists nor becomes skew once it's heated up.
  - We don't weld our stoves – a Morsø stove is bound with gasket and bolted together with screws, so it will always be perfectly sealed and always good for burning a fire in.
  - Cast iron is highly resistant to burn-through.
  - The thickness of the cast iron we use at Morsø is almost twice as thick as a stove made of steel. So, our stoves retain the heat for longer.
  - Cast iron's ability to distribute the heat is higher than that of steel. This means that the heat from a Morsø cast-iron stove always feels comfortable and pleasurable to be near to.
  - You receive a 10-year guarantee against casting faults and other production faults according to Morsø's warranty conditions.



## From Klint to Ritterband

People from all over the world have marvelled at Danish design for many years. Through their unique creativity, various Danish architects and designers have put themselves and Denmark on the world map.

At Morsø Jernstøberi we have a long tradition of allowing some of these people to unleash their talents on new models.

One of the earlier ones was the architect, **Kaare Klint**, who, up until his death in 1954, left many an unforgettable mark on Danish furniture art and furnishings. In 1944, Kaare Klint designed a quite special stove for Morsø. The stove was decorated with a poem by Johannes V. Jensen, who, that same year, received the Nobel Prize for Literature.

Another big designer, who lent his creativity to Morsø's stoves, is **Sigvard Bernadotte**. He is particularly famous for his many years of work for Georg Jensen's Silversmiths. In the late 1940s, together with the designer, Acton Bjørn, he set up an industrial design studio, where, in the next few years, innumerable design classics were created, including the Margrethe bowl (designed by a then very young employee of the studio called Jacob Jensen). At the start of the sixties, Bjørn and Bernadotte started to design for Morsø Jernstøberi, which resulted in an elegant, enamelled stove and a series of beautiful cast-iron pots.

In 2008, Morsø Jernstøberi started an exciting collaboration with one of today's most interesting artists, **Monica Ritterband**. The result was an epoch-making range of stoves, all featuring a soft and feminine language of form, which could only be produced in cast iron. In addition to the stove, Monica Ritterband has designed a unique and optimistic range of accessories entitled "Feet". The range, which like the stove is made from cast iron, comprises a kettle, firewood holder, trivets and fire tools.





MORSE





## **Morsø and the environment**

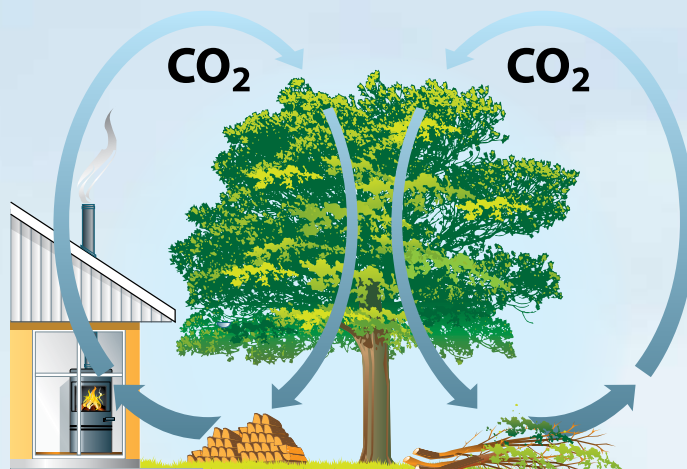
In recent years we've all heard people talking about "CO<sub>2</sub> emissions" and "global warming". At the same time, out of the enormous focus on the world's climate problems, a new and stronger awareness has grown of how, through our various choices, we are contributing to the problem. Or to the solution. On the following pages, we have set out some of the facts about Morsø and the environment.

## **Morsø gives you local warming. Not global warming.**

Wood has quite a special property when talking about CO<sub>2</sub>. As the tree grows, it absorbs and locks in enormous amounts of carbon dioxide as part of the photosynthesis process. Precisely the same amount of CO<sub>2</sub> is released into the atmosphere, when the tree is felled and burnt. If burning-off takes place efficiently, the count adjusts downwardly, so we can say that wood is CO<sub>2</sub>-neutral and therefore a green energy source.

Not only that, wood – unlike e.g. oil, coal or gas - can be reproduced by planting new trees to replace those cut down. The neutral CO<sub>2</sub>-cycle can therefore be maintained. Generation after generation.

To bring the CO<sub>2</sub> count completely down to zero, the wood, as mentioned above, must be burnt off as efficiently as possible. And this is where Morsø's stoves score their first important points. Our many years of experience and constant development mean that, today, each and every one of our stoves are among the most efficient combustion systems in the world.



### Did you see smoke?

On the one side, there's talk about CO<sub>2</sub> and global warming. On the other, there's the recurring debate about soot, which, along with harmless water vapour, is contained in the smoke emitted from a stove. Are soot particles harmful to health? Under what conditions? If so, at what quantity does it become a problem? Whatever the case, we should use our stoves so that no smoke comes out the chimney. Even if the smoke isn't harmful, it can smell and be unnecessarily unpleasant for our neighbours.

There is still uncertainty surrounding the answers. So, it is precisely for this reason that we have decided to put every effort into the development of our stoves. If there's one thing we won't under any circumstances take any chances with it's our customers' health. The demonstrable result is that the emission of particles from a modern Morsø stove has been reduced to an absolute minimum through refined combustion technology and advanced purification systems.

The fact that the quantity of particles emitted depends very much on how you use your stove is a completely different matter. We'll come to that in the next few pages.

## Safety is standard

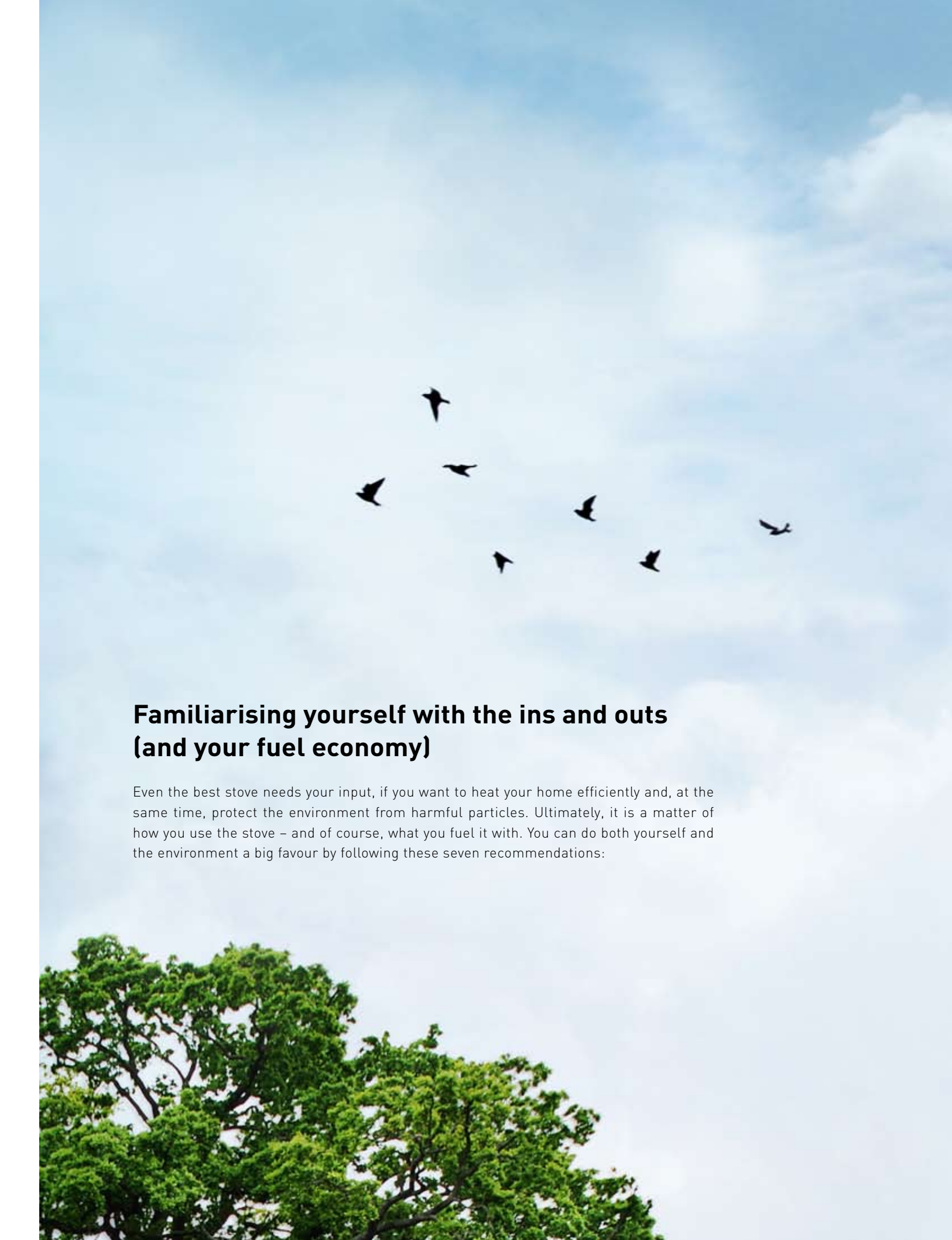
Morsø's wood-burning stoves meet some of the strictest environmental standards in the world. This mainly applies to Norwegian Standard NS 3058/3059, which sets out stringent requirements on minimising particle emissions. To highlight our environmental focus, the majority of Morsø's stoves are, today, also certified to the Nordic Swan Eco-label. This not only focuses on minimising the stove's impact on the environment when in operation, it also focuses on the impact on the environment caused by the actual production and choice of packaging etc.

A range of our stoves are approved in the UK by Defra to burn wood in smoke controlled areas.

All our stoves comply with European Standard EN 13 240, which, in other words, means that the stoves are CE-marked.







## **Familiarising yourself with the ins and outs (and your fuel economy)**

Even the best stove needs your input, if you want to heat your home efficiently and, at the same time, protect the environment from harmful particles. Ultimately, it is a matter of how you use the stove – and of course, what you fuel it with. You can do both yourself and the environment a big favour by following these seven recommendations:

**You can do both yourself and the environment a big favour by following these recommendations:**

1. Choose a stove which complies with the strictest requirements on particle emissions.
2. Make sure your chimney is the correct size in relation to the stove. A good draw is essential for optimum combustion.
3. Never burn waste, cardboard packaging, printed matter or wood that has been painted or in some other way treated.
4. Make sure the wood is clean and dry. Dampness of max 16-20% gives the best and cleanest combustion (and also less soot on the glass).
5. Never overfill the stove and avoid using oversized pieces of fuel.
6. Air is important for good combustion and good economy. Before the wood carbonises, enough air needs to be added so that flames are produced (always read the manual – it's important).
7. Don't leave the stove burning overnight. Leaving your stove burning overnight is bad for your wallet and the environment.

## Learn to light a fire correctly:



Make sure you have everything within reach before lighting. 2-3 cm ash makes a sufficient base for the fire.



Open the air supply up fully.



Arrange a pile of dry kindling, approx. 1-2 kg, enough to create a good layer of embers. Light the fire lighters. Leave the stove door ajar.



After 5-10 min. the heat will create a draw through the chimney and the door can be closed. After a further 10-20 min. there will be a good layer of embers in the chamber. Use a poker to spread the embers around the bottom and add more fuel.



Place larger pieces of fuel on top of the kindling.



Once the fire has flared up, tighten up the air supply by adjusting the air valve, but always make sure there are flames still. All Morsø stoves are suitable for wood and briquettes.

## **It's not just our stoves which are environmentally friendly**

In full keeping with the spirit of the times, the environment plays an important role at Morsø Jernstøberi. And it has done, long before it became fashionable to think along such green lines.

What we should be saying is, what is it that can help make your Morsø stove even more the right environmental choice?







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### **Recycled iron**

99 percent of the cast iron in a Morsø stove comes from scrap which has been re-smelted. This is particularly good for the environment. It's quite fascinating to think that your new stove might have once been a bicycle.

Or a lamp post. Or a ...

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### **Sustainable energy**

It's no secret that too much energy is used in manufacturing. Far too much, even. We therefore make sure that at least 80 percent of our energy consumption comes from sustainable energy sources, mainly wind energy. You won't find such a high percentage in many other companies (May 2009).

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### **Recycled packaging**

When you receive your Morsø stove from the dealer, it will be packed in recycled packaging. We also use minimum print colours in the packaging – and the small amount we do use is solely water-based.

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### **Waste sorting**

There's nothing that's so useless it can't be used for something. We take this quite literally at Morsø Jernstøberi, where the vast majority of our waste is sorted and reused for the benefit of the environment. This applies, in particular, to surplus or scrapped stoves or cast iron plates, which are sent off for re-smelting. You can see that we take this seriously by, the fact that our sorting centre is certified to the international standard for environmental management, ISO 14001.

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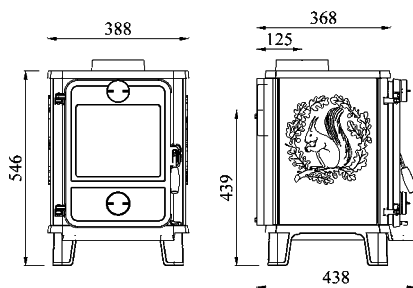
Multifuel

Morsø 1412 radiant stove

1412



- Rated output: . . . . . 5 kW
- Log length: . . . . . 28 cm
- Flue outlet, rear and top option,  
internal ø: . . . . . 125 mm
- Weight: . . . . . 70 kg
- EN 13240 and Norwegian approved
- Efficiency net/gross: . . . . . 74.6%/67.9%
- Clearance to Combustibles
- Top: . . . . . 500 mm
- Sides: . . . . . 600 mm
- Rear: . . . . . 100 mm
- Soft Furniture: . . . . . 700 mm



**Morsø 1412-series** The original 1400 family now comprises 3 additional stoves. The combustion technique in these classic stoves has been further developed and improved, so that even particles and excess gases are burned. These stoves therefore meet even the most rigorous environmental standards and are approved to burn wood in smoke controlled areas.



Multifuel

Morsø 1442 convector stove

The 1412-series comprises three options:  
 The 1412 is a classic radiant stove decorated with the squirrel motif or ribbed sides.  
 The 1442 is a convection stove with ribbed sides.

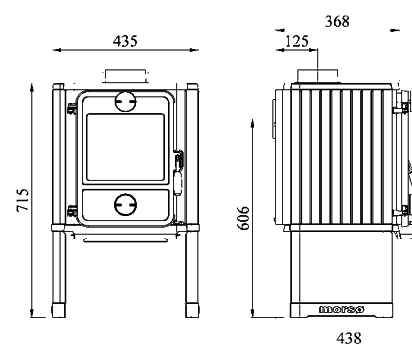
Morsø 1412  
 Ribbed sides



1442



- Rated output: . . . . . 5 kW
- Log length: . . . . . 28 cm
- Flue outlet, rear and top option, internal ø: . . . . . 125 mm
- Weight: . . . . . 80 kg
- EN 13240 and Norwegian approved
- Efficiency net/gross: . . . . . 74.6%/67.9%
- Clearance to Combustibles
- Top: . . . . . 500 mm
- Sides: . . . . . 500 mm
- Rear: . . . . . 100 mm
- Soft Furniture: . . . . . 700 mm



6140



Approved to burn wood in smoke controlled areas



Morsø 6140 convector stove

6140

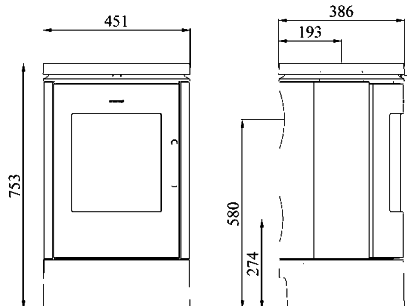


Rated output: . . . . . 5.5 kW  
 Log length: . . . . . 30 cm  
 Flue outlet, rear and top option, internal ø: . . . 125 mm  
 Weight: . . . . . 110 kg  
 Efficiency net/gross: . . . . . 80.1%/72.9%  
 EN 13240 and Norwegian approved

Clearance to Combustibles:

Top: . . . . . 600 mm  
 Sides: . . . . . 400 mm  
 Rear: . . . . . 150 mm  
 Soft Furniture: . . . . . 900 mm

Optional outside air kit available





The **Morsø 6100-series** fans the flames. The stove's unique combustion system helps ensure a higher temperature in the combustion chamber, which means it burns off the flue gases. This provides you with a cleaner and more environmentally-friendly combustion and a higher level of efficiency, guaranteeing you good fuel economy. Furthermore, the elegantly designed glass door and hidden mountings provide a good view of the fire and flames. The 6100-series are 80.1% net efficient with almost no smoke emissions. Optional outside air kits are available for both models. Both models are approved by Defra to burn wood in smoke controlled areas.





Wood Burning

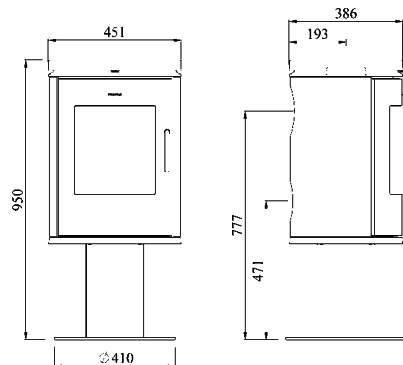
Morsø 6148 convector stove

6148



Rated output: . . . . . 5.5 kW  
 Log length: . . . . . 30 cm  
 Flue outlet, rear and top option, internal ø: 125 mm  
 Weight: . . . . . 111 kg  
 Efficiency net/gross: . . . . . 80.1%/72.9%  
 EN 13240 and Norwegian approved

Clearance to Combustibles:  
 Top: . . . . . 600 mm  
 Sides: . . . . . 400 mm  
 Rear: . . . . . 150 mm  
 Soft Furniture: . . . . . 900 mm  
 Optional outside air kit available



The **Morsø 6100-series** was designed by our own designer, Karsten Aagaard, who has created with the 6100-series an elegant and timeless stove with impressive spirit and performance. The series comprises 2 models in cast iron, which purposefully share a strict and pure design. The 6140 has a low base, while the 6148 model has a high sculptural pedestal. Both stoves adorn living rooms discreetly and stylishly with the stove's characteristically oval design. The 6100 has the Nordic Swan Eco-label and meets the strictest of environmental requirements.

“My wish for the 6100 was to create a stove in a simple, calm and clear design, which emanates an accomplished wholeness, reaching out for timelessness.”

Karsten Aagaard, architect MAA







**Who said that brawn can't have beautiful rounded forms?**

**INTRODUCING THE NEW 7600 SERIES:**



## 7600 series



**Morsø 7600-series** was designed by Monica Ritterband, currently one of Denmark's most sought-after designers. Monica Ritterband is known for her pioneering designs, which all take their starting point in her unique universes and totally special, organic language of form and lines. Thus, the Morsø 7600 was also created in this way – it is completely unique with its circular form, round feminine transitions and its huge glass window, the biggest in Morsø's history of stoves.

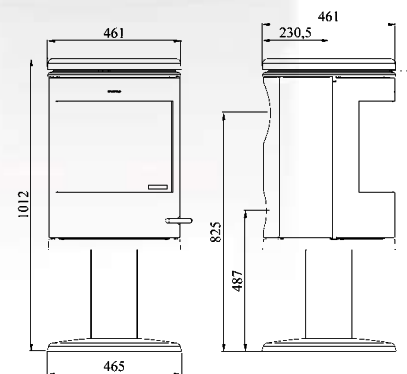


### 7648 on pedestal



Rated output: . . . . . 6.2 kW  
 Log length: . . . . . 30 cm  
 Flue outlet, rear and top option, internal ø: . . . . . 150 mm  
 Weight: . . . . . 136 kg  
 Efficiency net/gross: . . . . . 75.9/69.1%  
 EN 13240 and Norwegian approved

Clearance to Combustibles:  
 Top: . . . . . 600 mm  
 Sides: . . . . . 500 mm  
 Rear: . . . . . 150 mm  
 Soft Furniture: . . . . . 1100 mm  
 Optional outside air kit available



## 7600 series



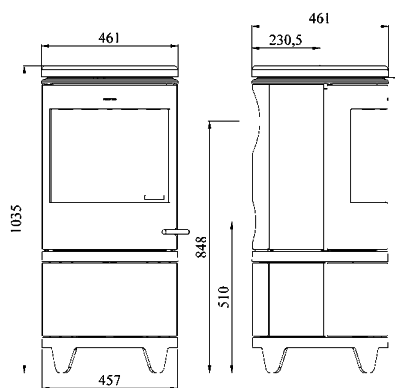
### 7644 with log drawer on "feet"



Rated output: . . . . . 6.2 kW  
 Log length: . . . . . 30 cm  
 Flue outlet, rear and top option, internal ø: . . . . . 150 mm  
 Weight: . . . . . 156 kg  
 Efficiency net/gross: . . . . . 75.9./69.1%  
 EN 13240 and Norwegian approved

#### Clearance to Combustibles:

Top: . . . . . 600 mm  
 Sides: . . . . . 500 mm  
 Rear: . . . . . 150 mm  
 Soft Furniture: . . . . . 1100 mm  
 Optional outside air kit available



For Monica Ritterband the **Morso 7600** is a work of art – a living being to warm the home and body. The 7600-series is based on the convection principle and delivers fantastically clean and efficient combustion. Furthermore, it is both intuitive and easy to use, since the air intake – and therefore the combustion and heat output - are controlled with a single handle. The stove is fitted with an advanced combustion system with tertiary air supply, providing optimal control of the combustion process. Optional outside air kits are available for all models. Monica Ritterband also designed the accessories for the stove: Kettle, trivets, fire tools and firewood holder, where the theme and inspiration are "Feet".



”My idea was to create a stove with organic, rounded forms. Circular, soft, gentle and feminine in expression. At the same time, the stove had to allow an expansive view of the fire itself”

Monica Ritterband, artist and designer

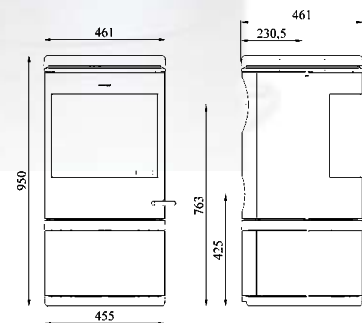


**7642 with log drawer**



Rated output: . . . . . 6.2 kW  
 Log length: . . . . . 30 cm  
 Flue outlet, rear and top option, internal ø: . . . . . 150 mm  
 Weight: . . . . . 156 kg  
 Efficiency net/gross: . . . . . 75.9%/69.1%  
 EN 13240 and Norwegian approved

Clearance to Combustibles:  
 Top: . . . . . 600 mm  
 Sides: . . . . . 500 mm  
 Rear: . . . . . 150 mm  
 Soft Furniture: . . . . . 1100 mm  
 Optional outside air kit available



# Original accessories

Morsø are proud to introduce a new range of exciting accessories. Designed by Monica Ritterband these accessories compliment the curved feminine lines of the 7600 series whilst the "Feet" theme give them a uniqueness and almost a life of their own.

## "My hallmark shall be feet..."

The stove should have its own accessories. The old stoves on lion feet really engaged my mind. I wanted to create a modern product similar in character, and I transferred my ideas not only to the stove itself but also to the accessories. Feet envision the most wonderful associations and create really lively images. This was the beginning of my universe of "Feet". Cute little feet walking straight across everything and up the wall. "I wanted to add a touch of wit to these accessories and make people smile". Monica Ritterband provides the following comments to her design of every separate product:



Design by  
*Monica Ritterband*

### FEET LOG HOLDER

"I love to light my stove but sometimes I wish that the log holder itself could walk out and collect the logs. So it was obvious for me to give the log holder wide, happy walking feet."

Part no: 62930400



### FEET TRIVET

"Morsø has always produced trivets in cast iron. Till now, they have been decorated with the original Morsø monogram from the 1800s or the well-known squirrel motif". On this trivet, small footprints symbolise that we all in one way or another make our mark in life.

Part no: 62930300



### FEET TOOL SET

"My fireplace tool set with cast iron feet walks up the wall. "With my fireplace tool set, I hope that everyone's home will have a little corner that is functional yet full of humour."

Part no: 62930100



### FEET HUMIDIFIER

"I decided to retain the original cast iron, but to give the kettle a life of its own and a touch of wit - it was obvious to decorate it with feet - walking warm feet."

Part no: 62930200





