



UK 2014

  
By appointment to The Royal Danish Court  
**morsø**

## 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.



1854



1934



1944



1992

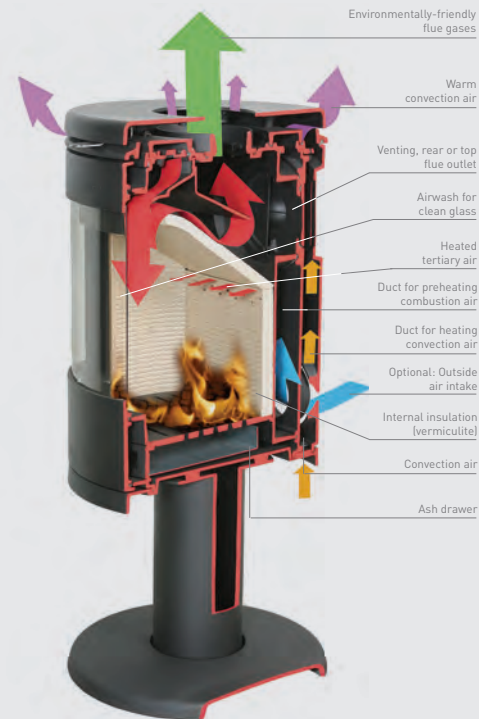


2006



2008

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.



# CHOOSING THE RIGHT STOVE FOR YOU.

The Morsø range is extensive and comprises of stoves to cover a whole variety of needs. So, despite the fact that the natural thing to do is let taste and appeal decide, start by looking at the various models' and designs. We recommend you consider a few points first.

## RADIANT OR CONVECTION STOVE?

There are two different types of stove: radiant stoves and convection stoves. The radiant stove concentrates the heat around the stove itself, while the convection stove quickly distributes the heat out into the whole room. The type you choose will therefore greatly depend on what you want your stove to do. If you want cosiness and warmth close to the stove, the radiant stove is a good choice. If, on the other hand, the stove is also to play an effective role in heating your home as a primary heat source, you should choose a convection stove.

## WHAT SIZE?

The size of your stove is decisive for getting full pleasure of your investment. In this respect, too large can cause problems just as too small can. A stove that's too small will not be able to heat the room adequately. However, if you buy a stove that's too big in relation

to the room, you will be forever cutting the air supply to keep the room temperature down. As a result, combustion will be incomplete and soot will quickly build up on the window and in the chimney. Not only that, the quantity of soot particles you emit into the environment will be disproportionately high.

We're hot for fire. One of our most important areas of expertise is the production of environmentally-aware stoves, and we happily describe ourselves as experts in combustion technology.

The cross-section of the stove (shown left) outlines the stove's combustion and convection airflow system. Cold air is drawn into the stove and heated as it passes through the cast iron channels (the heated air washes the glass keeping it clean, clear and free from soot). The hot air also provides perfectly heated combustion air (in addition the heated tertiary air aids secondary combustion of any smoke and gasses, increasing efficiency and reducing the environmental impact).

2.5	1.07	1.29	1.50	1.71	1.93	2.14	2.36	2.57	2.79	3.00	3.21
3.0	1.29	1.54	1.80	2.06	2.31	2.57	2.83	3.09	3.34	3.60	3.86
3.5	1.50	1.80	2.10	2.40	2.70	3.00	3.30	3.60	3.90	4.20	4.50
4.0	1.71	2.06	2.40	2.74	3.09	3.43	3.77	4.11	4.46	4.80	5.14
4.5	1.93	2.31	2.70	3.09	3.47	3.86	4.26	4.63	5.01	5.40	5.79
5.0	2.14	2.57	3.00	3.43	3.86	4.29	4.71	5.14	5.57	6.00	6.43
5.5	2.36	2.83	3.30	3.77	4.24	4.71	5.19	5.66	6.13	6.60	7.20
6.0	2.57	3.09	3.60	4.11	4.63	5.14	5.66	6.17	6.69	7.20	7.71
6.5	2.79	3.34	3.90	4.46	5.01	5.57	6.13	6.69	7.24	7.80	8.36
7.0	3.00	3.60	4.20	4.80	5.40	6.00	6.60	7.20	7.80	8.40	9.0
7.5	3.21	3.86	4.50	5.14	5.79	6.43	7.07	7.71	8.36	9.00	9.64
Meters	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5

## ROOM SIZE KILOWATT REQUIREMENT CALCULATOR

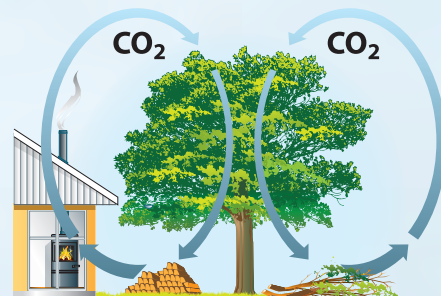
Calculate volume of room in cubic meters and divide by 14 = kW requirement  
This is based on a 21° rise in the room if it was 1° outside

# 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.
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.



# 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.

Everything that we stand for means you are making the right environmental choice with a Morsø stove.



## **RECYCLED IRON**

99% 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 ...

## **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% 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]

## **RECYCLED PACKAGING**

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

## **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.

1412



1410

**Radiant stove**

Squirrel sides

Height	546 mm
Width	388 mm
Depth	438 mm
Rated Output Kilowatts:	4.5
Gross Efficiency:	69%
Net efficiency:	76%





# 1412

## Radiant stove

Squirrel or ribbed sides

Height	546 mm
Width	388 mm
Depth	438 mm
Rated Output Kilowatts:	5
Gross Efficiency:	67.9%
Net efficiency:	74.6%



# 1430

## Radiant stove

Squirrel or ribbed sides

Height	546 mm
Width	388 mm
Depth	438 mm
Rated Output Kilowatts:	4.6
Gross Efficiency:	64.6%
Net efficiency:	71%

# 1416

## Radiant stove

Ribbed sides, clear glass door

Height	550 mm
Width	385 mm
Depth	345 mm
Rated Output Kilowatts:	4
Gross Efficiency:	71.3%
Net Efficiency:	78.4%
Leg standard/option	100 mm/250 mm





# 1418

## Radiant stove

Ribbed sides, black glass door

Height	550 mm
Width	385 mm
Depth	345 mm
Rated Output Kilowatts:	4
Gross Efficiency:	71.3%
Net Efficiency:	78.4%
Leg standard/option	100 mm/250 mm



# 1446

## Steel convector stove

Clear glass door

Height	720 mm
Width	425 mm
Depth	410 mm
Rated Output Kilowatts:	4
Gross Efficiency:	71.3%
Net Efficiency:	78.4%



# 1448

## Steel convector stove

Black glass door

Height	720 mm
Width	425 mm
Depth	410 mm
Rated Output Kilowatts:	4
Gross Efficiency:	71.3%
Net Efficiency:	78.4%





# 1442

## Squirrel convector stove

Plain sides

Height	715 mm
Width	435 mm
Depth	438 mm
Rated Output Kilowatts:	5
Gross Efficiency:	67.9%
Net efficiency:	74.6%



# 3112

## Badger radiant stove

Fine ribbed sides

Height	630 mm
Width	440 mm
Depth	512 mm
Rated Output Kilowatts:	5
Gross Efficiency:	73.7%
Net efficiency:	81%

Optional outside air kit available



# 3142

## Badger convector stove

Plain sides

Height	739 mm
Width	514 mm
Depth	512 mm
Rated Output Kilowatts:	5
Gross Efficiency:	73.7%
Net efficiency:	81%

Optional outside air kit available





3410	
<b>Radiant stove</b> Owl or sides	
Height	688 mm
Width	487 mm
Depth	490 mm
Rated Output Kilowatts:	6.5
Gross Efficiency:	72.9%
Net Efficiency:	80.1%



3440	
<b>Owl convector stove</b> Plain sides	
Height	739 mm
Width	554 mm
Depth	490 mm
Rated Output Kilowatts:	6.5
Gross Efficiency:	72.9%
Net Efficiency:	80.1%



2110	
<b>Panther cleanheat radiant stove</b> Ribbed sides	
Height	605 mm
Width	595 mm
Depth	505 mm
Rated Output Kilowatts:	8
Gross Efficiency:	65.5%
Net Efficiency:	72%

Gas version available





# 1630

## Dove radiant stove

Dove sides. Boiler model also available

Height	690 mm
Width	664 mm
Depth	520 mm
Rated Output Kilowatts:	10.5
Gross Efficiency:	64.3%
Net Efficiency:	74%



# 7110

## Viking radiant stove

Motif sides

Height	670 mm
Width	575 mm
Depth	564 mm
Rated Output Kilowatts:	5.4
Gross Efficiency:	68.7%
Net Efficiency:	75.5%

Optional outside air kit available





# 3610

## Radiant stove

Ribbed sides

Height	796 mm
Width	743 mm
Depth	605 mm
Rated Output Kilowatts:	9.8
Gross Efficiency:	67.3%
Net Efficiency:	74%

Optional outside airkit available

# 6140

## Convactor stove

Height	753 mm
Width	451 mm
Depth	386 mm
Rated Output Kilowatts:	5.5
Gross Efficiency:	72.9%
Net Efficiency:	80.1%

Optional outside airkit available



# 6148

## Convactor stove

Height	950 mm
Width	451 mm
Depth	386 mm
Rated Output Kilowatts:	5.5
Gross Efficiency:	72.9%
Net Efficiency:	80.1%

Optional outside airkit available





Ø4

#### Radiant steel stove

Plain sides

Height	573 mm
Width	401 mm
Depth	434 mm
Rated Output Kilowatts:	5
Gross Efficiency:	73.7%
Net Efficiency:	80.1%



Ø6

#### Radiant steel stove

Plain sides

Height	633 mm
Width	497 mm
Depth	483 mm
Rated Output Kilowatts:	7.7
Gross Efficiency:	68.3%
Net Efficiency:	75%

Ø8

#### Radiant steel stove

Plain sides

Height	633 mm
Width	633 mm
Depth	508 mm
Rated Output Kilowatts:	9.3
Gross Efficiency:	65.5%
Net Efficiency:	72%

DB15







## DB15

Stove with integral back boiler

Height	685 mm
Width	570 mm
Depth	497 mm
Output Kilowatts:	16.7
Net Efficiency:	80.7%



## 7440

Convactor stove

Height	897 mm
Width	440 mm
Depth	378 mm
Rated Output Kilowatts:	5.7
Gross Efficiency:	71.3%
Net Efficiency:	78.4%

Optional outside airtight available



## 7442

Convactor stove

Height	997 mm
Width	440 mm
Depth	377 mm
Rated Output Kilowatts:	5.7
Gross Efficiency:	71.3%
Net Efficiency:	78.4%

Optional outside airtight available





# 7443

**Convactor stove with open base**

Height	996 mm
Width	440 mm
Depth	377 mm
Rated Output Kilowatts:	5.7
Gross Efficiency:	71.3%
Net Efficiency:	78.4%

Optional outside airkit available



# 7443

**Convactor stove with log drawer**

Height	996 mm
Width	440 mm
Depth	377 mm
Rated Output Kilowatts:	5.7
Gross Efficiency:	71.3%
Net Efficiency:	78.4%

Optional outside airkit available



# 7448

**Convactor stove with pedestal**

Height	997 mm
Width	440 mm
Depth	377 mm
Rated Output Kilowatts:	5.7
Gross Efficiency:	71.3%
Net Efficiency:	78.4%

Optional outside airkit available





# 7470

## Wall hung convector stove

Height	696 mm
Width	440 mm
Depth	407 mm
Rated Output Kilowatts:	5.7
Gross Efficiency:	71.3%
Net Efficiency:	78.4%

Optional outside airkit available



# 7642

## Log drawer convector stove

Height	950 mm
Width	461 mm
Depth	461 mm
Rated Output Kilowatts:	6.2
Gross Efficiency:	69.1%
Net Efficiency:	75.9%

Optional outside airkit available



# 7644

## Log drawer with feet convector stove

Height	1035 mm
Width	461 mm
Depth	461 mm
Rated Output Kilowatts:	6.2
Gross Efficiency:	69.1%
Net Efficiency:	79.9%

Optional outside airkit available



# A CHOICE FOR LIFE.

When you eventually put this 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.**







# 7648

## Pedestal convector stove

Height	1012 mm
Width	461 mm
Depth	461 mm
Rated Output Kilowatts:	6.2
Gross Efficiency:	69.1%
Net Efficiency:	79.9%

Optional outside airkit available



# 7940

## Convector stove with plain base

Height	1032 mm
Width	504 mm
Depth	435 mm
Rated Output Kilowatts:	7.3
Gross Efficiency:	71.9%
Net Efficiency:	79%

Optional outside airkit available



# 7943

## Convector stove with or without log drawer

Height	1157 mm
Width	504 mm
Depth	435 mm
Rated Output Kilowatts:	7.3
Gross Efficiency:	71.9%
Net Efficiency:	79%

Optional outside airkit available





# 7970

Wall hung convector stove

Height	765 mm
Width	504 mm
Depth	435 mm
Rated Output Kilowatts:	7.3
Gross Efficiency:	71.9%
Net Efficiency:	79%



# 7990

Convactor stove with 400/600mm open base

Height	1357 mm
Width	504 mm
Depth	435 mm
Rated Output Kilowatts:	7.3
Gross Efficiency:	71.9%
Net Efficiency:	79%

Optional outside airtight available



# 7948

Convactor stove on pedestal

Height	1157 mm
Width	504 mm
Depth	435 mm
Rated Output Kilowatts:	7.3
Gross Efficiency:	71.9%
Net Efficiency:	79%

Optional outside airtight available







Wood Burning



Wood Burning



Wood Burning

# 8140

## Low base convector stove

Plain sides

Height	869 mm
Width	530 mm
Depth	450 mm
Rated Output Kilowatts:	6.3
Gross Efficiency:	73.3%
Net Efficiency:	80.5%

Optional outside airkit available

# 8148

## Pedestal convector stove

Plain sides

Height	1119 mm
Width	530 mm
Depth	450 mm
Rated Output Kilowatts:	6.3
Gross Efficiency:	73.3%
Net Efficiency:	80.5%

Optional outside airkit available

# 8142

## Log drawer convector stove

Plain sides

Height	1031 mm
Width	530 mm
Depth	450 mm
Rated Output Kilowatts:	6.3
Gross Efficiency:	73.3%
Net Efficiency:	80.5%

Optional outside airkit available





# 5660

## Insert convector stove

Height	586 mm
Width	770 mm
Depth	436 mm
Rated Output Kilowatts:	6.6
Gross Efficiency:	68.3%
Net Efficiency:	75%

Optional outside airkit available







## S10

### Free standing convector stove

Height	981 mm
Width	456 mm
Depth	357 mm
Rated Output Kilowatts:	5
Gross Efficiency:	74%
Net Efficiency:	81.3%

Direct to outside air compatible



## S50

### Free standing convector stove

Height	1028 mm
Width	512 mm
Depth	446 mm
Rated Output Kilowatts:	8
Gross Efficiency:	71.3%
Net Efficiency:	78.4%

Direct to outside air compatible

## S70

### Wall hanging convector stove

Height	735 mm
Width	456 mm
Depth	409 mm
Rated Output Kilowatts:	5
Gross Efficiency:	74%
Net Efficiency:	81.3%



\$50



## S80

### Inset convector stove

Height	572 mm
Width	892 mm
Depth	450 mm
Rated Output Kilowatts:	8
Gross Efficiency:	69.2%
Net Efficiency:	76%

Direct to outside air compatible



## S81

### Inset convector stove Trim options available

Height	567 mm
Width	388 mm
Depth	320 mm
Rated Output Kilowatts:	4
Gross Efficiency:	81%
Net Efficiency:	88%

## S11-40

### Free standing multifuel steel stove

Height	583 mm
Width	368 mm
Depth	332 mm
Rated Output Kilowatts:	4
Gross Efficiency:	75.5%
Net Efficiency:	83%

Optional base to outside air kit available





## S11-42

### Free standing multifuel steel stove

On 100mm legs

Height	585 mm
Width	368 mm
Depth	332 mm
Rated Output Kilowatts:	4
Gross Efficiency:	75.5%
Net Efficiency:	83%

Optional base to outside air kit available



## S11-43

### Free standing multifuel steel stove

With or without storage door

Height	773 mm
Width	368 mm
Depth	332 mm
Rated Output Kilowatts:	4
Gross Efficiency:	75.5%
Net Efficiency:	83%

Optional base to outside air kit available



## S11-90

### Free standing multifuel steel stove

High base with door

Height	883 mm
Width	368 mm
Depth	332 mm
Rated Output Kilowatts:	4
Gross Efficiency:	75.5%
Net Efficiency:	83%

Optional base to outside air kit available



## A SELECTION OF ACCESSORIES AVAILABLE.

Morsø provide a range of accessories to complement your stove.

The accessories available vary from traditional tool sets to modern log holders and there is something available to suit every setting.

Morsø also provide a range of practical accessories including Moisture meters and Flue gas thermometers to ensure your fuel and your stove are in perfect harmony.

To ensure the long life and optimum performance of your stove we offer a full range of maintenance products.

Always use genuine Morsø spares available from authorised dealers – it is your way of guaranteeing your stove will provide you with many years of comfort and warmth.



**Loop Ring Log Basket**

Part no: 62916921



**Fire Tools Choice**

Part no: 62916621



**Moisture Meter**

Part no: 62929900



**Classic Fire Tools**

Part no: 62900221



**7600 Series Feet Log Holder**

Part no: 62930400



**Flue Gas Thermometer**

Part no: 62901200





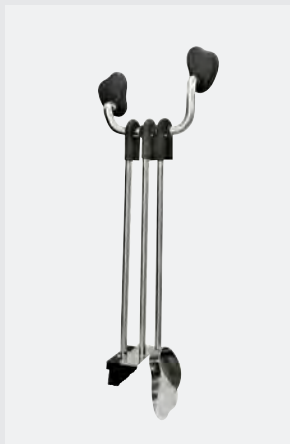
### CO<sub>2</sub> Monitor

Part no: 01102011 (Branded)  
01102010 (Unbranded)



### Trivet

Part no: 62930300



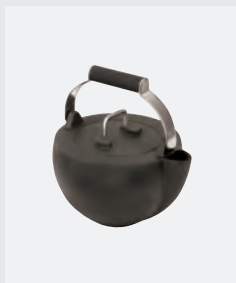
### 7600 Series Tool Set

Part no: 62930100



### Starter Pack

Part no: 62904458



### Humidifier

Part no: 62930200





For further information and to obtain copies of our detailed sales brochures please contact your nearest authorised Morsø dealer.

Details can be found on our website: [www.morso.co.uk](http://www.morso.co.uk)

Morsø reserves the right to make changes without notice.



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