



ншам 3500

ншам 3600

ншам I 30/45

ншам

intelligent heat



ншам 3500

Design: Architect Anders C. FASTERHOLDT



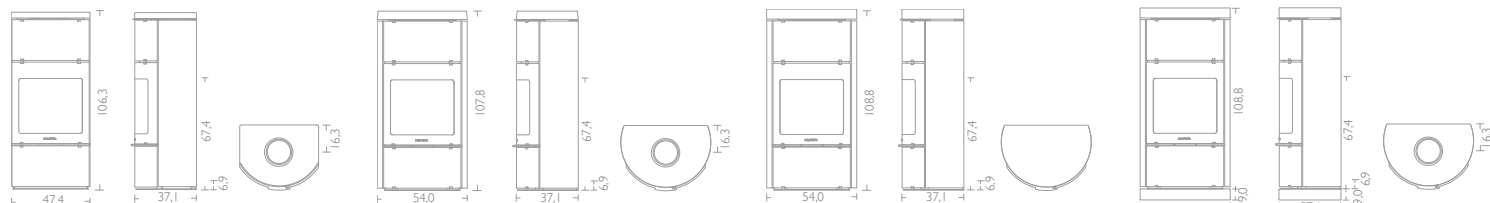
HWAM 3500

The multi-functional HWAM 3500 Series has a discreet stylish appearance and offers numerous possibilities. Choose the design that matches your home: tall or low, mat or shiny, steel or stone. All the little details are concealed in the design, and the elegant lifting door makes the wood-burning stove very user-friendly.

The HWAM 3500 Series comprises environmentally-friendly wood-burning stoves with low particle emission and a high degree of efficiency. All air to the combustion chamber is controlled

by the HWAM automatic™, which ensures optimum combustion. A fresh air system can be connected to the stove, either from the rear or through the bottom of the stove; this way, the combustion will not depend on the air in the room.

As an option, heat-storing soapstone may be placed in the heat compartment, allowing part of the heat to be let out continuously during the hours after the fire has died.



HWAM 3510 w. straight sides, top and bottom glass front, black



HWAM 3510 w. rounded sides, top and bottom steel front, grey



HWAM 3510 w. rounded sides, top and bottom glass front, soapstone top, black



HWAM 3510 w. soapstone cover and plinth, top and bottom glass front, black

HWAM 3510

HWAM 3510 is a wood-burning stove with multiple design variations. Despite its size, HWAM 3510 features a heat storage compartment for heat storage.

Technical specifications

Capacity in kW	2-7 kW
Nominal heat output	4,5 kW
Smoke outlet	Ø 150 mm
Heating capacity (2,4 m. ceiling height)	20-130 m ²
Efficiency, gross/net	71,1/78,1%
Chimney draft (recommended)	12 Pa
Weight w. straight sides	95 kg
Weight w. rounded sides and cast iron top	102 kg
Weight w. rounded sides and soapstone top	115 kg
Weight w. soapstone cover	150 kg
Weight, soapstone plinth	44 kg
Weight, heat-storing soapstone	68 kg
Connec. from floor; rear	67,4 cm
Connec. from floor; top*	102,2 cm

*Without rotating plinth

Connec. from floor w/soapstone plinth, rear 76,4 cm

Connec. from floor w/soapstone plinth, top 111,2 cm

Features

HWAM automatic™

Approvals

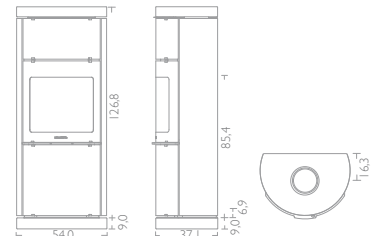
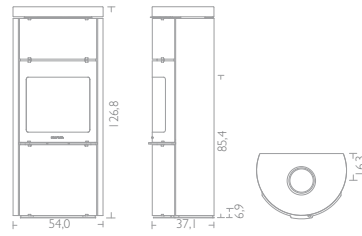
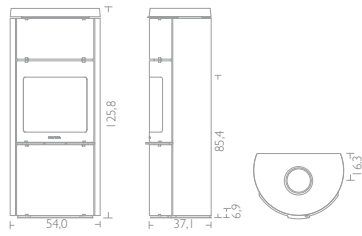
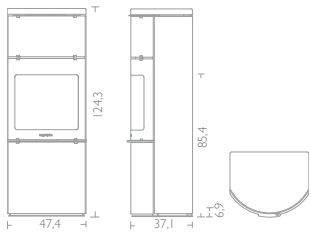
EN 13240 (Europe)
 Art. 15a (Austria)
 NS 3058/3059 (Norway)
 VKF (Switzerland)*
 BStV Stuttgart / BStV München / BStV Regensburg

Approved acc. to CE norm

*Awaiting approval

Options

- Top flue outlet/rear flue outlet
- Glass front, top and bottom
- Steel front, top and bottom
- Straight sides, steel top, top/rear flue outlet
- Rounded sides, cast iron top, top/rear flue outlet
- Soapstone cover; top/rear flue outlet
- Soapstone topplate, top/rear flue outlet
- Soapstone plinth
- Fresh air system
- Rotating plinth
- Heat-storing soapstone
- Colour: Black or grey



HWAM 3520 w. straight sides, top and bottom steel front, black



HWAM 3520 w. rounded sides, top and bottom steel front, black



HWAM 3520 w. rounded sides, top and bottom glass front, soapstone top, black



HWAM 3520 w. soapstone cover and plinth, top and bottom glass front, black

hwam 3520

With its perfect proportions and abundance of variation, HWAM 3520 is a functional wood-burning stove whose practical details are superb. Behind its fine exterior, there is a practical storage space at the bottom, and at the top there is a heat storage compartment that can be filled with heat-storing soapstone.

Technical specifications

Capacity in kW	2-7 kW
Nominal heat output	4,5 kW
Smoke outlet	Ø 150 mm
Heating capacity (2,4 m. ceiling height)	20-130 m ²
Efficiency, gross/net	71,1/78,1%
Chimney draft (recommended)	12 Pa
Weight w. straight sides	94 kg
Weight w. rounded sides and cast iron top	114 kg
Weight w. rounded sides and soapstone top	127 kg
Weight w. soapstone cover	164 kg
Weight, soapstone plinth	44 kg
Weight, heat-storing soapstone	68 kg
Connec. from floor; rear	85,4 cm
Connec. from floor; top*	120,2 cm

*Without rotating plinth

Connec. from floor w/soapstone plinth, rear 94,4 cm

Connec. from floor w/soapstone plinth, top 129,2 cm

Features

HWAM automatic™

Approvals

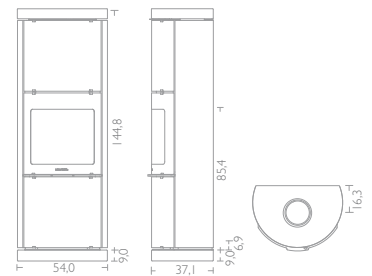
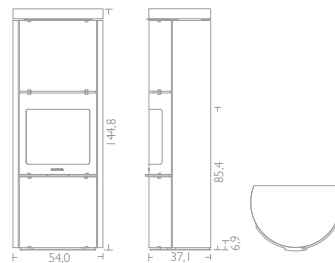
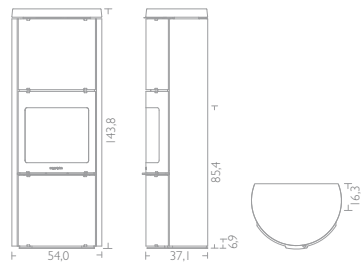
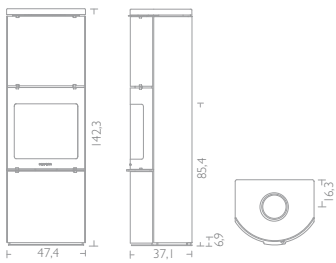
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BStV München
BStV Regensburg

Approved acc. to CE norm

*Awaiting approval

Options

Top flue outlet/rear flue outlet
Glass front, top and bottom
Steel front, top and bottom
Straight sides, steel top, top/rear flue outlet
Rounded sides, cast iron top, top/rear flue outlet
Soapstone cover; top/rear flue outlet
Soapstone topplate, top/rear flue outlet
Soapstone plinth
Fresh air system
Rotating plinth
Heat-storing soapstone
Colour: Black or grey



HWAM 3530 w. straight sides,
top and bottom steel front, black



HWAM 3530 w. rounded sides,
top and bottom steel front, grey



HWAM 3530 w. rounded sides,
top and bottom glass front, soapstone top, black



HWAM 3530 w. soapstone cover and plinth,
top and bottom glass front, black

hwam 3530

This impressive column presents the flames in the best possible way. HWAM 3530 has a large heat storage compartment with room for extra soapstone to improve the overall heat storage capacity.

Technical specifications

Capacity in kW	2-7 kW
Nominal heat output	4,5 kW
Smoke outlet	Ø 150 mm
Heating capacity (2,4 m. ceiling height)	20-130m ²
Efficiency, gross/net	71,1/78,1%
Chimney draft (recommended)	12 Pa
Weight w. straight sides	114 kg
Weight w. rounded sides and cast iron top	124 kg
Weight w. rounded sides and soapstone top	136 kg
Weight w. soapstone cover	184 kg
Weight, soapstone plinth	44 kg
Weight, heat-storing soapstone	119 kg
Connec. from floor; rear	85,4 cm
Connec. from floor; top*	138,2 cm

*Without rotating plinth

Connec. from floor w/soapstone plinth,
rear 94,4 cm

Connec. from floor w/soapstone plinth,
top 147,2 cm

Features

HWAM automatic™

Approvals

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Art. 15a (Austria)
NS 3058/3059 (Norway)
VKF (Switzerland)*
BStV Stuttgart
BStV München
BStV Regensburg

Approved acc. to CE norm

*Awaiting approval

Options

Top flue outlet/rear flue outlet
Glass front, top and bottom
Steel front, top and bottom
Straight sides, steel top, top/rear flue outlet
Rounded sides, cast iron top, top/rear flue outlet
Soapstone cover; top/rear flue outlet
Soapstone topplate, top/rear flue outlet
Soapstone plinth
Fresh air system
Rotating plinth
Heat-storing soapstone
Colour: Black or grey

Heat storage

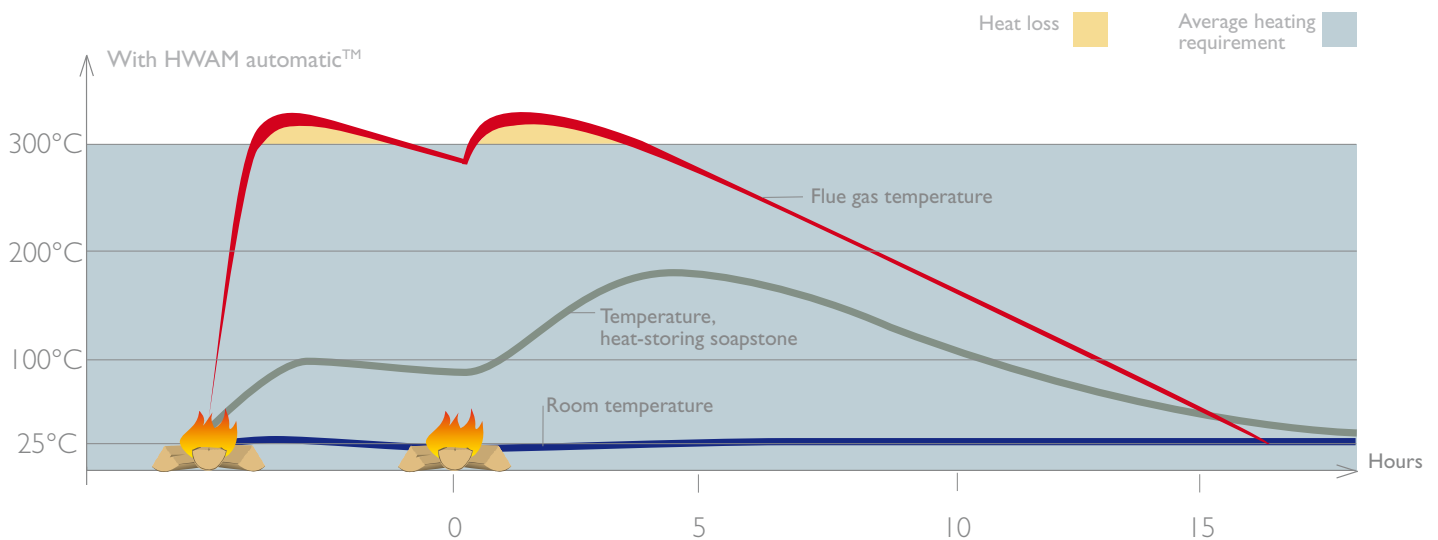
Heat storage is a phenomenon known from the large mass stoves where heat is stored in the stones surrounding the combustion chamber. Heat storage in a wood-burning stove is the combination of the wood-burning stove's ability to quickly and comfortably distribute the convection heat and the mass stove's ability to store the heat.

As something entirely new, the HWAM 3500 Series is designed with a heat storage compartment. The compartment can be filled with a large amount of soapstone. Soapstone has a special ability to store heat from the wood-burning stove, which will then slowly be emitted into the room, even long after the fire has died. This way the advantages of the convection heat of the wood-burning stove and the heat storage of the mass stove can be enjoyed at the same time - enveloped in the stylish HWAM design.

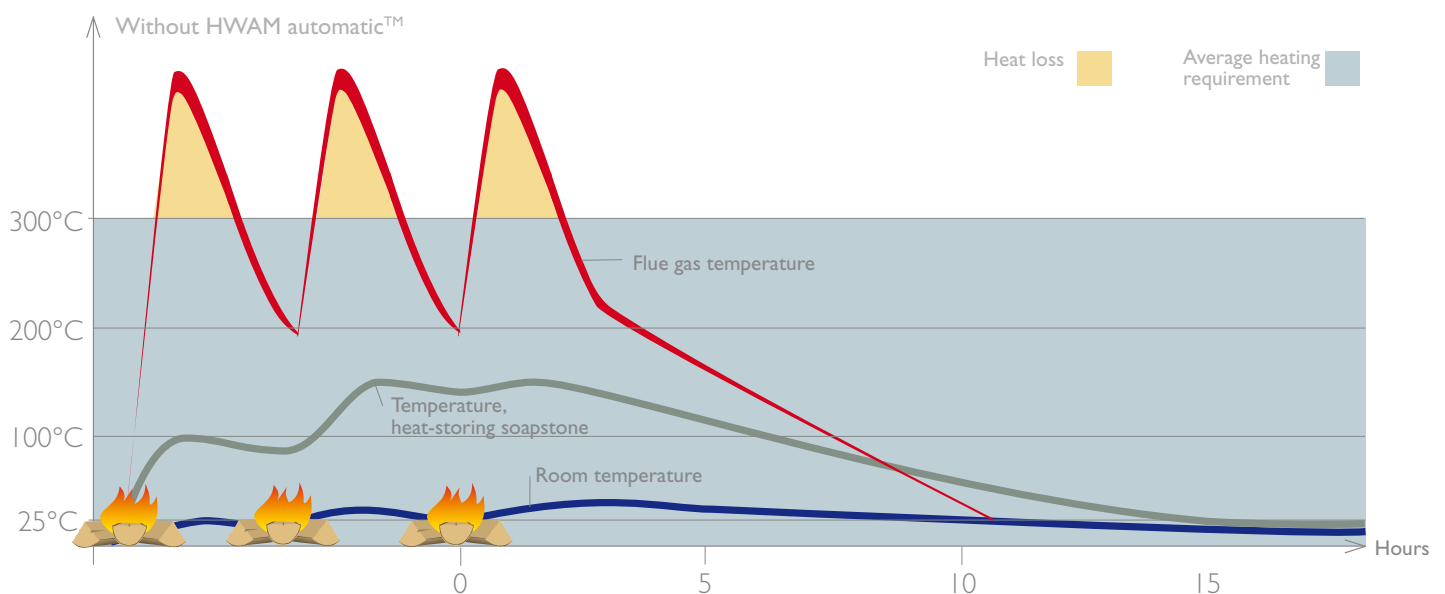
While the wood-burning stove is burning, the soapstone in the heat storage compartment will be heated up. Once the fire in the combustion chamber has died, the soapstone will continue emitting the stored heat into the room. Tests show that soapstone in the small heat storage compartment (HWAM 3510 and HWAM 3520) will keep warm for up to 10 hours, whereas soapstone in the large storage compartment (HWAM 3530) will keep warm for up to 14 hours after the last stoking.

As an extra feature, the HWAM 3500 Series has a knob which regulates the convection air to the heat storage compartment. When the convection damper is closed, the heat stored in the soapstone will be retained in the heat storage compartment for as long as possible; once the damper is opened, the heat will be distributed to the room as quickly as possible.

Schematic diagram



Schematic diagram



All the little details are concealed in the design to stay true to the fine Scandinavian lines. Thanks to the side glass, the wood-burning stove radiates an expression of lightness.

Design: Henrik Sørig Thomsen and Tobias Jacobsen

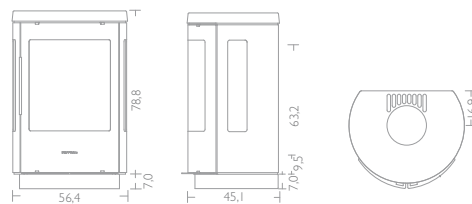


hwam 3600

The simple, beautiful HWAM style is easily recognisable in this new series of wood-burning stoves, the HWAM 3600 Series. The large, arched glass pane is accompanied by glass on either side. The dancing flames can be enjoyed from several angles, allowing the fire to intensify its presence in the room. The side panes of glass add a light touch to the overall appearance of the stove and put fewer limitations on its position in your home.

The HWAM 3600 Series has great heating capacity. The combustion chamber is developed using state-of-the-art combustion technology, and both primary and secondary air is added as well as air for pane rinse, all of which are controlled by the HWAM automatic™.

A fresh air system can easily be connected to these wood-burnings stoves so that the combustion will not depend on the air in the room. Furthermore, HWAM 3650 allows for heat storage in the heat storage compartment above the combustion chamber.



HWAM 3610 w. plinth, black

hwam 3610

HWAM 3610 is elegant thanks to its simplicity. It is a flexible stove which can be hung on the wall or placed on a 7-cm plinth practically anywhere in your home.

Technical specifications	
Capacity in kW	*
Nominal heat output	*
Smoke outlet	Ø 150 mm
Heating capacity (2,4 m. ceiling height)	*
Efficiency, gross/net	*
Weight	126 kg
Weight, plinth	3 kg
Chimney draft (recommended)	12 Pa

Connec. from floor**, rear,	63,2 cm
Connec. from floor**, top	73,6 cm
Connec. from floor w. plinth, rear	70,2 cm
Connec. from floor w. plinth, top	80,6 cm

* Awaiting test results
 ** Lower edge of the stove

Features

HWAM automatic™

Options

Top flue outlet

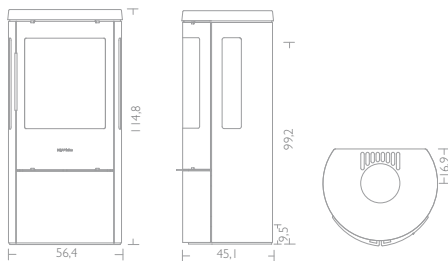
Rear flue outlet

Plinth

Wall bracket

Fresh air system

Colour: Black or grey



HWAM 3630, black

hwam

3630

HWAM 3630 has a wood section below the combustion chamber, which is concealed behind a beautiful door. This can be used for storing lighting tools so that they are close at hand.

Technical specifications

Capacity in kW	*
Nominal heat output	*
Smoke outlet	Ø 150 mm
Heating capacity (2,4 m. ceiling height)	*
Efficiency, gross/net	*
Weight	161 kg
Chimney draft (recommended)	12 Pa

Connec. from floor; rear	99,2 cm
Connec. from floor; top	109,6 cm

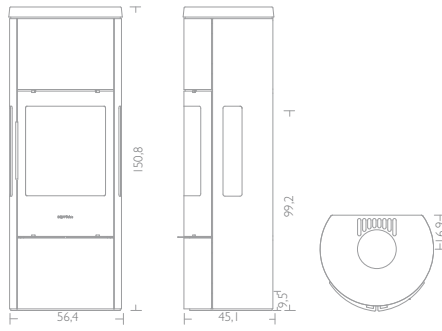
* Awaiting testresults

Features

HWAM automatic™

Options

Top flue outlet
Rear flue outlet
Fresh air system
Colour: Black or grey



HWAM 3650, black

hwam 3650

HWAM 3650 is a tall and impressive wood-burning stove with a concealed wood section and heat storage compartment. By placing soapstone in the compartment, the heat will be stored and gradually emitted for several hours.

Technical specifications

Capacity in kW	*
Nominal heat output	*
Smoke outlet	Ø 150 mm
Heating capacity (2,4 m. ceiling height)	*
Efficiency, gross/net	*
Weight	204 kg
Weight, heat-storing stone	72 kg
Chimney draft (recommended)	12 Pa*

Connec. from floor; rear; 99,2 cm

Connec. from floor; top; 145,6 cm

*Awaiting testresults

Features

HWAM automatic™

Options

Top flue outlet

Rear flue outlet

Heat-storing soapstone

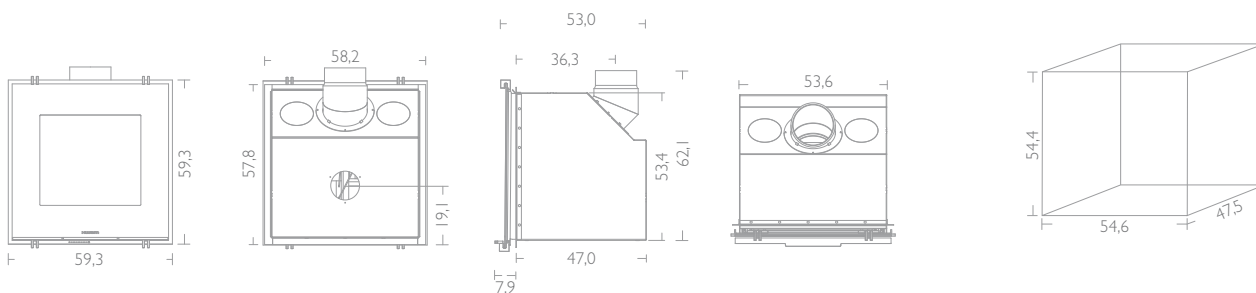
Fresh air system

Colour: Black or grey

Like a picture of dancing flames on a wall, this little stove radiates cosiness and warmth into your home.

Design: Strand + Hvass





HWAM I 30/45

hwam

I 30/45

This small and very spacious insert is ideal for small rooms. Even though the insert takes up very little space, the width of its combustion chamber is an impressive 34,5 cm. The square glass pane serves as an elegant frame for the flames and the lifting door makes the insert both modern and functional.

Technical specifications

Capacity in kW	2-7 kW
Nominal heat output	4,5 kW
Smoke outlet	Ø150 mm
Heating capacity (2,4 m. ceiling height)	20-130 m ²
Efficiency, gross/net	73,1/80,3%
Weight	82 kg
Chimney draft (recommended)	12 Pa

Varianten

Top flue outlet
Rear flue outlet
Fresh air system
Colour; insert and casing: black
Coloured frame on glass: black

Features

HWAM automatic™

Approvals

EN 13229 (Europe)
Art. 15a (Austria)
NS 3058/3059 (Norway)
VKF (Switzerland)*
BStV Stuttgart
BStV München
BStV Regensburg
Approved acc. to CE norm

* Awaiting approval

HWAM automatic™

Brilliant solutions are often simple little details which nevertheless make a huge difference in our everyday lives. And HWAM's patented automatic system is no exception to this rule. It consists of a small spring which automatically regulates the supply of air to the combustion. A strikingly simple, yet ingeniously brilliant function which offers numerous automagic benefits – both for you and for the environment.

Simple, convenient operation - Automagic because you do not have to worry about manually regulating the air supply. The automatic system optimises the combustion for you, completely... well, automatically. All you need to do is to light up the stove and enjoy the flames and the heat to the full. And when you add more firewood, the system will automatically readjust the stove to achieve the optimum combustion. *Couldn't be easier.*

Easier cleaning - Automagic because the optimised consumption results in cleaner smoke, reducing the amount of ashes and soot. This translates into easier cleaning – of both the chimney and the stove itself. In addition, the combustion chamber is designed with a unique window rinsing system which serves to prevent the glass pane from sooting up. This way you can always enjoy an optimum view of the flames with a minimum amount of cleaning. *Couldn't be more convenient.*

More energy, better economy - Automagic because the automatic system squeezes out extra energy from the firewood. The improved energy efficiency has been documented on several occasions, and you can expect improvements of 20-30% compared to conventional wood-burning stoves. In short, you get much more heating for your money with a HWAM. *Couldn't be more economical.*

Minimum strain on the environment - Automagic because you can light up your stove with a green conscience, as the cleaner consumption reduces the strain on the environment to a minimum. Both in the form of a reduced consumption of resources, but also in the form of less smoke and particles.

HWAM uses the Nordic environmental certification, the Swan Label. In doing so, we remain committed to improving the efficiency of our stoves, while at the same time reducing their impact on the environment. *Couldn't be more environmental.*

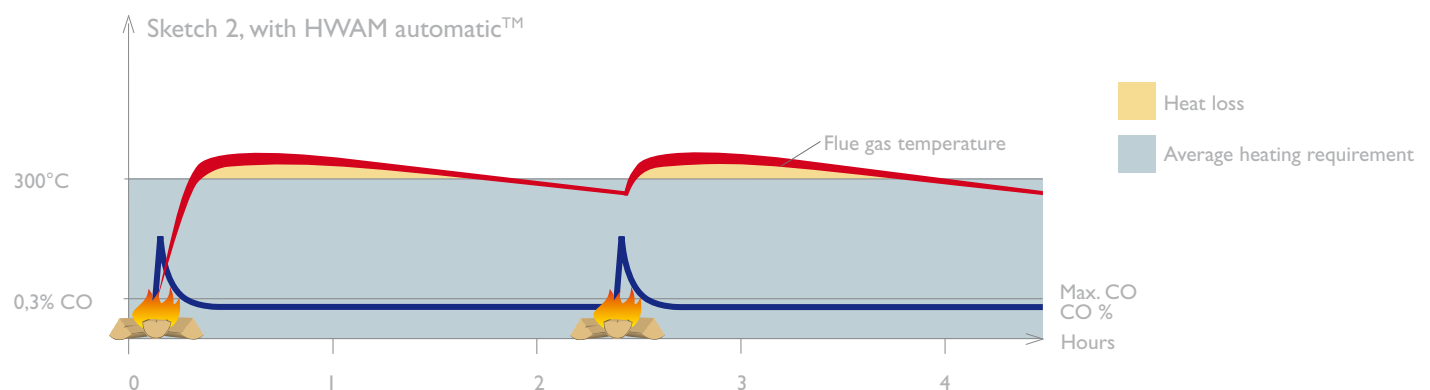
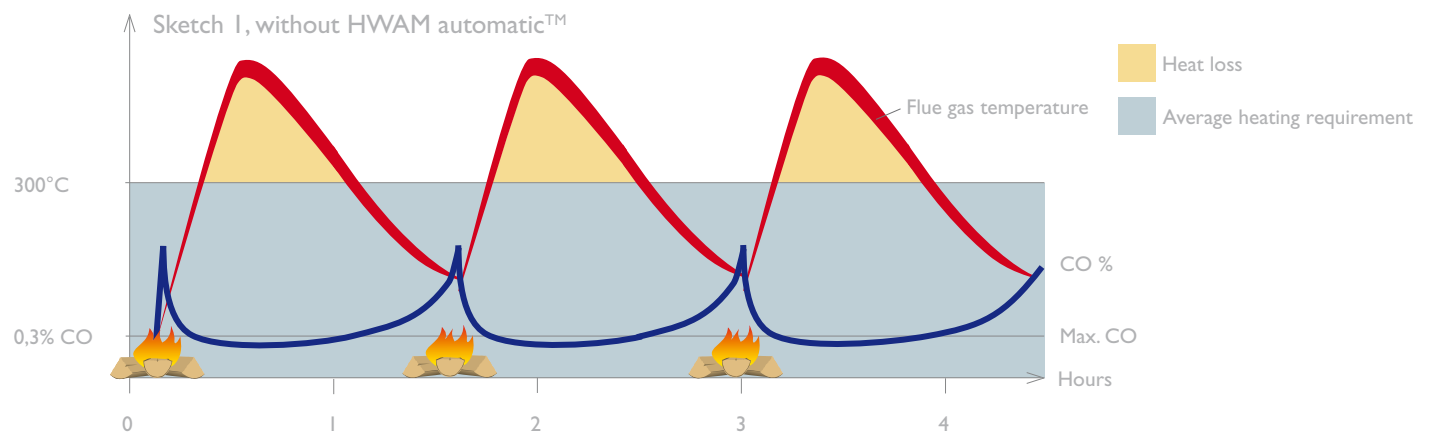
Tested and documented - Automagic because HWAM's patented automatic system has been tested and documented in numerous studies performed by test centres all over Europe. At the same time, and over the last 20 years, we have regularly received positive feedback telling us about the pleasant surprise it has been for our customers to switch from a conventional wood-burning stove to an automagic HWAM. *Couldn't be safer.*

HWAM – better performance than stipulated in official requirements

Particulate matter (PM 2,5)	Requirement	HWAM 3510, HWAM 3520, HWAM 3530
Denmark, Norway, Sweden	<10,0 g/kg wood	2,05 g/kg wood
Swan Label	<5,0 g/kg wood	2,05 g/kg wood
Austria	<60,0 mg/MJ	14,00 mg/MJ
Germany DIN+	<75,0 mg/Nm ³	22,00 mg/Nm ³

All modern wood burning stoves provide adequate, efficient combustion. Unfortunately not all stove owners take the time to discover or understand how to operate their wood burning stoves to the optimum.

Sketches 1 and 2 show the difference between combustion as it occurs when firing with and without HWAM automatic™ combustion optimisation.



Environmental awareness

You can light up a HWAM stove with a clear conscience. For burning wood is a CO₂-neutral process, which means that no additional CO₂ is given off to the global circulation. The CO₂ captured in the wood is simply released again, so the wood gives off the same amount of CO₂ as if it were decomposing on the forest floor.

Therefore a HWAM stove is gentle on the environment. Many years of development work have made these stoves extremely efficient, enabling them to utilise nearly all the energy in the wood. The smoke coming out of the chimney consists mainly of water vapours, resulting in a minimum strain on the environment – unlike heating from oil, gas or coal.

Several of HWAM's stoves bear the Swan Label, the Nordic stamp of environmental approval. The Swan Label makes it easy and fast to find environment-friendly products. In order to be eligible for the Swan Label, stoves must utilise fuel with great efficiency, among other things, and must comply with rigorous limits on local air

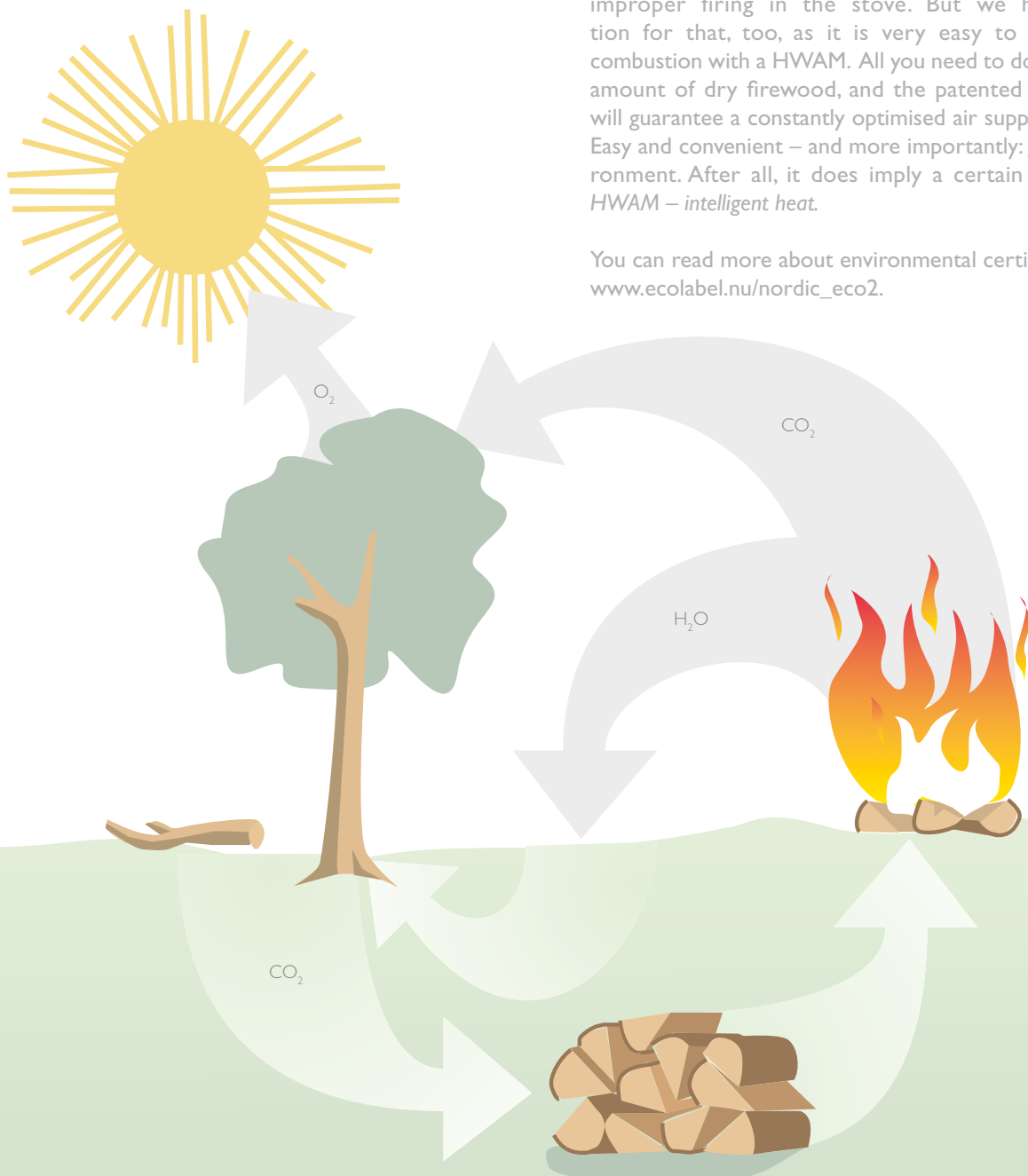
pollution and emissions of dangerous substances such as carbon monoxide and hydrocarbons.

We remain committed to making our stoves even more efficient and environmentally friendly. This implies, i.e., that our stoves meet the rigorous Norwegian environmental standards on minimising the amount of hazardous particles and gasses, which are among the most restrictive in Europe. It also implies that with a HWAM stove you will get a heating source with a very high level of efficiency, which in turn gives you more environmentally-friendly heating for your money.

HWAM's wood-burning stoves are subjected to comprehensive testing to determine their performance in different conditions and at different temperatures and combustion speeds. The purpose is to ensure that the stoves comply with our rigorous environmental demands in any situation – imaginable as well as unimaginable.

However, the biggest environmental risk comes from improper firing in the stove. But we have got a solution for that, too, as it is very easy to achieve optimum combustion with a HWAM. All you need to do is to use the right amount of dry firewood, and the patented automatic system will guarantee a constantly optimised air supply and combustion. Easy and convenient – and more importantly: gentle on the environment. After all, it does imply a certain obligation to say: *HWAM – intelligent heat.*

You can read more about environmental certification on www.ecolabel.nu/nordic_eco2.





Made in Denmark

Wood-burning stoves from HWAM A/S exemplify classic Danish products. Danish design, Danish creativity and Danish craftsmanship.

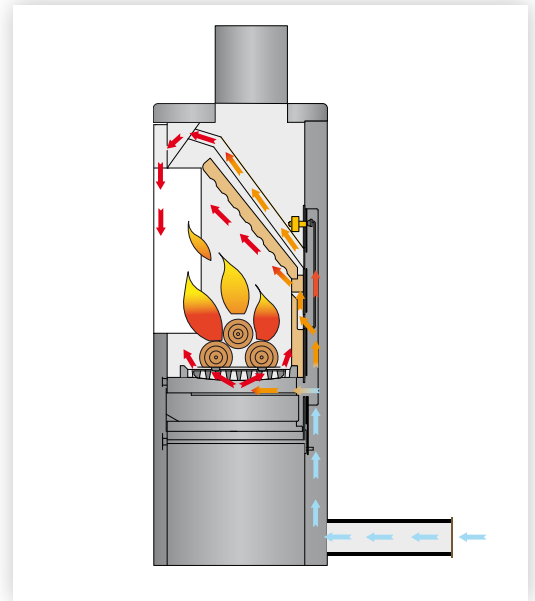
HWAM stoves are designed by recognised Danish architects and furniture designers. They have made sure that our products have the right proportions and are easy on the eye. Their expressions are simple, elegant and timeless and they fit harmoniously into classic and modern homes alike.

HWAM stoves are made in Denmark as there can be no compromising on quality. Danish engineers design and prepare the products for the manufacturing process on the basis of HWAM's 35 years of experience.

Fresh air system

No oxygen, no fire. It's that simple. That is why a constant flow of air to the wood-burning stove is needed to create clean and effective combustion in your new HWAM.

The solution lies in a fresh air system, which ensures a constant flow of air to the wood-burning stove. HWAM's fresh air system creates air circulation that is almost completely impermeable. Air needed for the fire inside the wood-burning stove is sucked in from above via a pipe that leads outside through the wall. When the fire is burning, air flows further up through the chimney, thereby closing the air circulation cycle. The advantage of this system lies in the fact that the wood-burning stove does not 'steal' its own warmth to keep the flames going.



Lifting door

With a HWAM lifting door, a beautiful black edge on the glass pane frames the fire, enhancing the elegance and simplicity of the HWAM design.

The glass pane moves up and down in a sliding movement and can be opened with only one hand. This is handling at its easiest and a delight for the eye. The low pressure created through the movement of the door minimises the risk of ash being whirled into the room.

These are all practical details which turn the wood-burning stove into a proper piece of furniture for your home.

