HUam

living

THE WORLD'S MOST INTEL-LIGENT STOVE

READ ABOUT ALL
 THE ADVANTAGES

IDENTIFY YOUR NEEDS READ OUR BIG GUIDE

ONTEMPOR

JAPANESE ENTHUSIASM
FOR DANISH DESIGN

WOOD-BURN STOVES ADD VITALITY

5 families invite us inside

member of the family

Craftsmanship and uncompromising quality



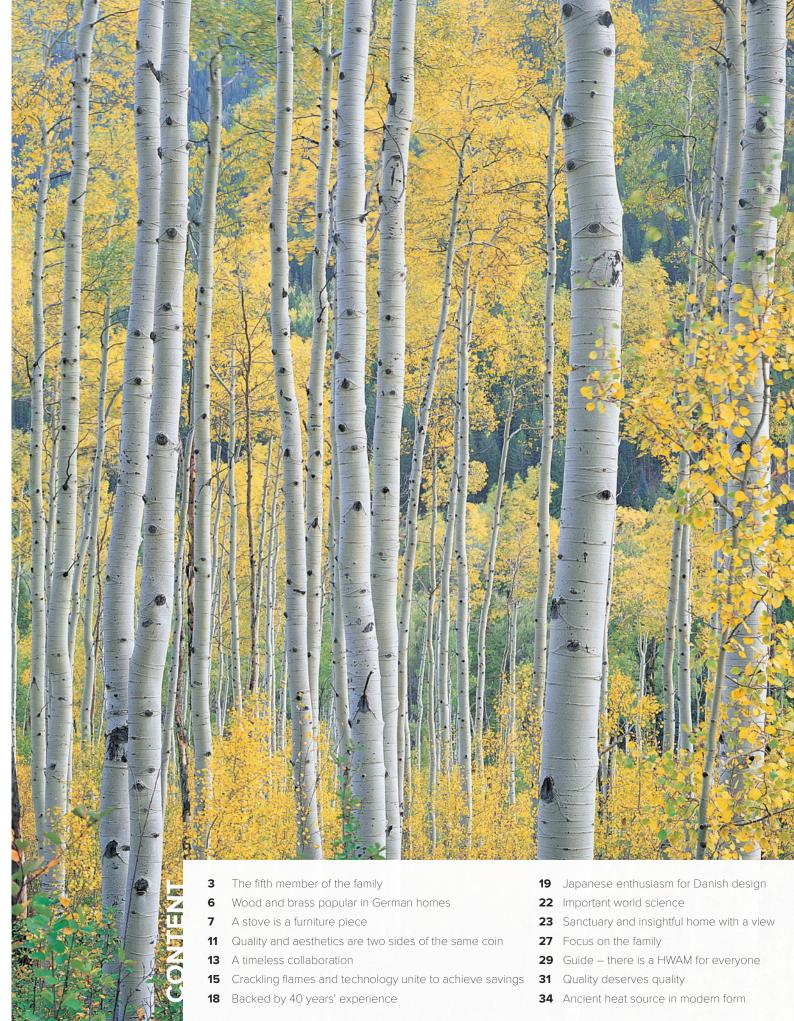
HWAM stoves are not just made using materials of uncompromising quality. HWAM stoves are not only the products of expert and traditional craftsmanship. And HWAM stoves are not simply classic, elegant Danish design and innovative technology. They are all of the above – and more.

They spread warmth, are intelligent, and look great. Beautiful furniture pieces which create atmosphere and go easy on the environment. Aesthetic design objects that get the best and the most out of the firewood. Form and function united in innovative, intelligent and inspiring focal points for the home.

Live life with HWAM

HWAM Living – this magazine – tells the story of our wood-burning stoves, created to be a money saving, enriching and sustainable part of life in your home. On the following pages you can immerse yourself in inspiration, advice and stories about life with HWAM.









You feel the atmosphere as soon as you walk in the door – and not only due to the faint aroma from the wood-burning stove. The home's soul is expressed in the bricks, the stucco on the high ceilings and the windows offering views of the garden.

It is clear that the Kratmanns have settled in – even though they have only just moved into their charming 1922 red brick villa on the outskirts of the world's smallest city.

Practical and aesthetic

There was no argument about whether the family should have a wood-burning stove in their new home. They had one before, and simply had to have one again — as a source of comfort, warmth and atmosphere.

It also quickly became apparent that it should not be the home's existing stove, as the combustion efficiency was too low and the particle emissions too high. The old stove also failed to meet the family's practical and aesthetic requirements. Jesper is not an engineer for nothing.

Atmospheric and intelligent

"I am a bit particular, so it was important to me that it had Autopilot and signs of quality craftsmanship – including a solid handle on the stove, so you are in no doubt whether the door is open or closed. I wanted something that was well made, and a stove that was easy to operate. I was looking for craftsmanship and high technology in the same unit. Once these criteria had been met, Stine then had to approve the design," says Jesper with a smile. He is well aware that this approval was no simple matter – involving environmental, aesthetic and safety considerations.







Raw materials and natural elements are commonly seen in German home interiors, where brass has become popular, along with wood in all shapes and sizes. With dark blue, grey or green as the preferred colours, a HWAM stove blends in perfectly. Its warm orange flames contrast attractively with the dark hues, while creating warmth and atmosphere in any room.

A stove from HWAM makes it possible to combine practical heating with a modern interior where nature is in focus. A stove promotes warmth and social interaction, in an age where there can be a need at times to close out the stress and bustle of the outside world and simply enjoy the tranquillity a fire in a wood-burning stove offers.

Several of our HWAM stoves include a heat store above the combustion chamber. Special heat storage stones can be placed here which help retain the stove's heat. Heat rises, so heat storage stones at the top of the stove are in the perfect location to absorb as much heat as possible from the combustion chamber, and then slowly release it, long after the flames have been extinguished.





A black cylindrical shape with a glass window

Over time the wood-burning stove has developed an almost iconic appearance which is consistent across nations and cultures. For the Sørig and Jacobsen Danish design duo, stove design is primarily about finding a balance between the familiar iconic appearance and surprising details. The details which make HWAM's stoves unique — both visually and functionally.

World-class combustion with a Scandinavian design

While HWAM's engineers develop the technology to ensure world-class combustion, Sørig and Jacobsen make sure that the visual details complement the functionality and simple operation.

"When children draw black smoke coming out of the chimney of a house it is quite a misconception. Wood combustion is actually very eco-friendly in terms of carbon emissions if done properly. With HWAM's technologies, we may as well begin teaching our children to draw transparent smoke, because it will never be easier to ensure correct combustion than it is with Autopilot or Autopilot IHS™.

It is important that our design reflects this transparent smoke. We have to show the simplicity and purity, while also producing a stove which looks attractive and is pleasant to touch," explains Henrik Sørig Thomsen. Our stoves are like Danish chairs in this respect. The classic chairs by Danish furniture designers Hans J. Wegner and Arne Jacobsen have become world-famous because they unite discreet Scandinavian design with extraordinary comfort. In the same way, a stove from HWAM has to radiate discreet Danish design and extraordinarily high quality.

Working closely with production

"The flame presentation is critical for us. The flame is like a small painting which has to calmly create the perfect experience of atmosphere and warmth. The way the flames are framed has to highlight the painting in a very warm and discreet way," says Tobias Jacobsen.

An attractively presented flame does not happen automatically. It is dependent on internal and external details, and ingenious functions such as HWAM's glass air wash to ensure the clearest picture. Sørig and Jacobsen therefore work closely with HWAM's production, and the two designers agree that it is essential for production to be based in Denmark in order to develop the best wood-burning stoves.

"This is the only way we can all be closely involved throughout the entire process. We can produce the necessary prototypes and ensure that the new stoves fulfil our and the consumers' functionality and design expectations," says Henrik Sørig Thomsen.





HWAM widens warm vista

With the launch of the brand new HWAM 4600 series, HWAM is adding the final touch to our popular wood-burning stove range. The series' design unites HWAM's historic quality with home furnishing trends of the future, and the wide glass expands the view of the dancing flames.

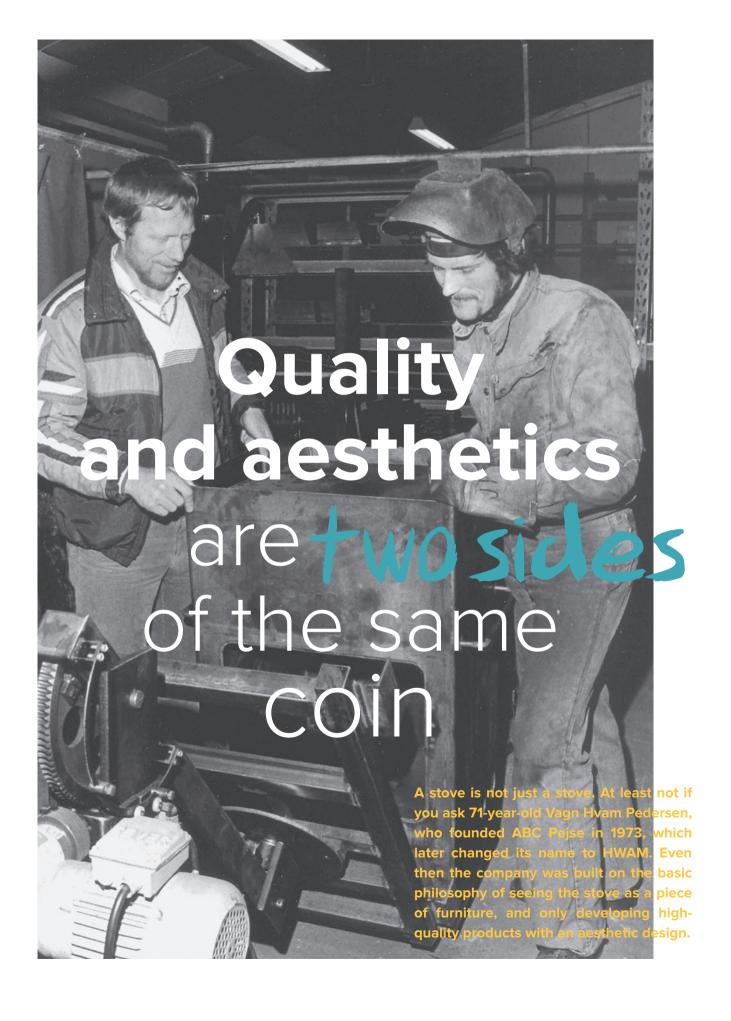
The HWAM 4600 series' friendly and inviting form provides a beautiful setting for the dancing flames, which spread atmosphere and warmth in the home through the extra wide glass. The HWAM 4600 series' unique, simple design visually downplays HWAM's unique technical solutions, so that the stove presents as an elegant and discrete piece of furniture in any modernly furnished home.

But behind the beautiful exterior, all HWAM 4600 models conceal the Autopilot or Autopilot IHS™ technology, which ensures that the wood is combusted optimally for the user and the environment.

The series – developed in collaboration with designers Henrik Sørig Thomsen and Tobias Jacobsen – comprises four different models.









Vagn Hvam Pedersen does not waste time. Good ideas exist to be tested and developed, so they can get even better. This is the mantra upon which Vagn has built one of Denmark's leading wood-burning stove manufacturers. Not only a leader in the production of attractive stoves, but also of innovative technology to ensure optimal combustion for both the environment and the consumer.

"I always dreamt of being self-employed, and I have fully lived out this dream. But dreams can develop over time, as my dreams for HWAM have. Once you have successfully realised one idea, you get a taste for trying out more," says Vagn with a twinkle in the blue eyes behind his glasses.

From deer hunting to air wash

When Vagn turned 65 he briefly considered retiring. His sons, Stefan and Torsten, took over the reigns as CEO and Development Manager, and suddenly he had the freedom to devote his time to his passion for hunting with friends.

But this was not to be. Vagn could not let go of the dream of refining the company's unique successes, such as glass air wash and automatic supply air management. Some stove manufacturers develop particle filters. Others sell special cleaning equipment for stove glasses. HWAM has always focused on the combustion process itself, in order to optimise it and make it as efficient as possible.

"That was how we developed air wash back in the 80s. Air wash is essentially nothing more than hot air which is blown across the interior of the glass to keep it free of soot. But that was also how we developed our automatic system, which is a mechanical supply air control system which ensures the most efficient combustion without the need for special filters or constantly opening or closing vents," explains Vagn.

So with great confidence in his sons' ability to manage the company, Vagn replaced his retirement plans with yet another innovative idea. He decided to develop an electronic controller for the combustion, marking the beginning of a new era for the stoves.

A world-class stove

Having trained originally as a metalworker, and with a great interest in wood-burning stoves, Vagn continued to dwell on the idea of refining the classic stove. But with the basic philosophy that stoves are high quality aesthetic pieces of furniture, it was important to Vagn that HWAM did not simply develop technological solutions for the sake of technology.

"I did not want to change the essential idea behind a wood-burning stove, which for me is all about climate friendly heat, social interaction and atmosphere. I simply wanted to make this idea even better. But I had to concede that the task was too complex for HWAM alone, so I joined forces with researchers from the Technical University of Denmark. Fortunately they shared my enthusiasm for the challenge, and our collaboration has led to groundbreaking results which we are very proud of," says Vagn, beaming with pride.





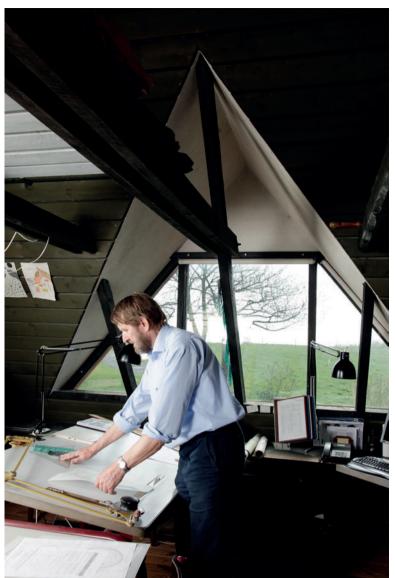
The result is the world's only patented electronic system – Autopilot IHS™ – which controls the room temperature level, reduces firewood consumption by up to 50% and ensures the same environmentally friendly combustion at home in the lounge room as experts can achieve at a test institute. All without impacting on the appearance of the stoves, which are still designed to be incorporated into modern home furnishings around the world as aesthetic pieces of furniture with atmospheric flames and warmth.

A timeless collaboration

In 1976, Anders C. Fasterholdt and HWAM initiated a partnership which ended up lasting decades. This resulted in innovative development work on stove construction and design over the years, and although Fasterholdt is now retired, HWAM stoves still reflect his early ideas on functionality and design.

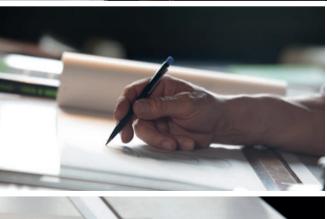
The idea that form follows function has always been a foundational pillar in architect and cabinetmaker Anders C. Fasterholdt's design work. This is a key concept that he and HWAM's founder, Vagn Hvam Pedersen, have transferred to HWAM's stoves during his more than 35 years of regular and indispensable service to the Hørning-based company. "For me, the function is central. I have always said: First consider the function, and the design will follow automatically. Doing design for the sake of design is not me."

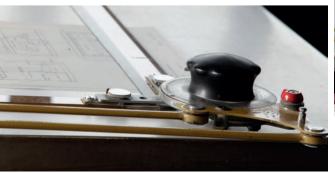
This is a timeless and detailed approach to the process which still characterises HWAM's identity today. It is a design foundation which has been built to last.

















Plug in your stove

Does uniting technology with the pleasant flames of the stove sound wrong in your ears? If so, this is only because you are not familiar with our Autopilot $IHS^{\mathbb{M}}$. Autopilot $IHS^{\mathbb{M}}$ allows you to achieve perfect combustion, to the benefit of the environment and yourself. Enjoying the warm flames of your stove simply cannot be done more easily or cheaply. We have developed a system which is so discreet that it in no way impacts on the design or the external experience of your stove.

Autopilot IH5

Older stoves and incorrectly managed combustion result in a number of pollutants going up the chimney. This is an environmental problem and a challenge for the wood-burning stove industry which HWAM has addressed with Autopilot and Autopilot IHS™. The technology also leads to savings for the consumer.

Many households have a wood-burning stove as either the primary or secondary heat source. Although a stove is essentially an energy-efficient, CO₂-neutral and pleasant source of heat, the smoke going up the chimney can still cause air pollution. Emissions of particles, volatile organic compounds and carbon monoxide often come from older stoves and incorrect combustion management at home, and this problem has been a major challenge for the wood-burning stove industry.

Perfect combustion requires precision

The problem is that air and fuel have to be very precisely matched to avoid the emission of these air pollutants. Oxygen is needed for the combustion of the firewood, but too much oxygen leads to low efficiency and poor fuel utilisation.

Lighting and combustion can seem quite technical, and manual management can therefore be a major challenge for many.

But this is where HWAM's environmentally and userfriendly wood-burning stoves come into the picture. Autopilot and Autopilot IHS™ automatically control the supply of air for combustion, which means that far less smoke and air pollutants are emitted, to the benefit of the environment.

Good for the environment and the consumer

The consumer also benefits from using the unique technology in HWAM's stoves. While hot, crackling flames and advanced technology may not go hand-in-hand in many people's minds, the stove's warm atmosphere is not lost due to the use of modern technology. It is applied very discreetly. The automatic stoves also lead to savings and greater comfort for the consumer.

Update your stove

If you are passionate about monitoring your stove's combustion technology, you can connect your PC to the stove's Airbox via a USB cable and install our IHS Insight™ software. IHS Insight™ allows you to monitor the combustion process in detail. We will also send you regular updates for your remote control and for the Airbox. This will allow you to update all IHS functions in future, so your stove is always running with perfect combustion.

The Technical University of Denmark and HWAM have done joint research into wood-burning stove technology over many years. It is now time for the great results to be transferred from the test laboratory to the lounge room. For example, the built-in Autopilot IHS™ automatically adjusts the air intake by measuring the oxygen concentration and chimney temperature, so that combustion is continually optimised. This results in the emission of few harmful particles. The firewood is also far better utilised. According to HWAM's studies, a typical family can save up to 50% of the firewood used by changing to an electronically controlled stove.

Discreet automatic system increases comfort

The automatic control system is so discreet and helpful that the consumer will experience greater comfort when using Autopilot and Autopilot IHS™. Autopilot IHS™ also includes a remote control for the stove, making it easy to enter the desired room temperature level. The stove will then automatically adjust the combustion to keep the temperature constantly at the desired level. As part of the automatic process monitoring, the remote control will notify the user when it is time to add more wood. This avoids the risk of adding too much, and again leads to savings.

The new technology thus results in more intelligence stoves which are good for both the environment and consumer. Autopilot and Autopilot IHS $^{\text{\tiny{M}}}$ take the test results into the lounge room —without the user having to think about anything other than the pleasant warmth from their wood-burning stove.



Back-up battery

As a new feature, you can have a battery module for our Autopilot IHS™. The battery module is purchased separately and is easy to install on the classic Autopilot IHS™ system. We have developed this so we can offer you perfect security in relation to our technological system. We want it to be as easy and secure as possible for you to take advantage of technological combustion control in your HWAM stove. The battery means you are not dependent on the power supply, if there is a power outage.

Danes dream of tranquillity

Do you dream of peace and time for reflection in everyday life? You are not alone. Studies have found that Danes see tranquillity as a luxury in an otherwise hectic daily routine, where we sometimes need to switch off our mobile phone and work computer, or simply unplug.

Sitting in front of a wood-burning stove there is space to focus on each other or yourself. Time for contemplation and reflection. HWAM's Autopilot IHS™ is a discrete technology that helps make life simpler, without compromising on the pleasant atmosphere we associate with the warm flames. Warmth goes hand-in-hand with good company, and the flames in a wood-burning stove can help draw family members, friends and colleagues together for pleasant social times — nourishing the soul and the senses.



The elliptical shape gives HWAM 3120 an attractive, light expression.



"We never compromise on the development of our stoves. We have the clear goal of being a leader in the development and production of the wood-burning stoves of the future, and that demands hard work and focus. This hard work is done jointly by all of our 110 employees, who each make their own contribution to achieving our common goals," explains Torsten.

The finer details

Every tiny detail is tested and refined several times when Torsten and his team develop new products.

"Whenever we develop a new model or series, we always start by looking at demand in the market. For example, if customers are looking for large combustion chambers, this will be a focus point in future stoves. We also work with the best designers, engineers and experts to ensure every little detail functions optimally, so the design and functionality work together 100 per cent," explains Torsten.



JAPANESE ENTHUSIASM

FOR DANISH DESIGN





Traditions are important in Mr Tanikawa's home. Surrounded by literary works and an elegant black piano, Arne Jacobsen's Egg chair sits in front of the classic wood-burning stove, which perfectly matches the style. The classic furniture pieces, books, piano and dancing flames give the Japanese simplicity a warm and pleasant atmosphere. The perfect setting in which to drink a cup of green tea in tranquillity after a long working day.









Enthralledwith fire and water

Mr Kuroiwa from Japan loves fire and water. This love is expressed in his home, where there is a view of the Pacific Ocean in the background, and dancing flames in the fireplace. Inspiration from Hawaiian architect Vladimir Ossipoff and an enthusiasm for the simple expression of Scandinavian design icons set the mood in the stylish lounge room.

The built-in fireplace stands in the centre of the lounge room, with the pile of wood arranged carefully on the floor. From the soft leather of his Eames chair, Mr Kuroiwa can lean back and enjoy both fire and water.

Did you know that wood is the world's most climate and environmentally friendly raw material?

While the trees are standing in the forest, they purify the air by absorbing CO₂. This CO₂ is released when we burn the wood in our stove.

The same process would occur if we allowed the wood to rot on the forest floor instead. This means we utilise the energy efficiently, and avoid extracting energy from underground carbon sources such as oil, coal or gas. Wood combustion is therefore an environmentally friendly form of energy in itself, but HWAM Autopilot and Autopilot IHS™ take the next step in terms of sustainability.

HWAM only develops wood-burning stoves which comply with the most stringent standards, and we are already ahead of EU particle emissions requirements which will only take effect in 2022.

Save 80% of particle emissions through correct ignition

Firstly, it is important you only use dry wood to light your stove. Secondly, it is critical that the fire is lit from the top. In this way the flames retain a high temperature and ensure the most effective combustion of the released gases rising from the wood. This minimises the volume of harmful particles in the smoke, so that it is mostly clean water vapour going up the chimney, and soot does not collect on the stove glass. Place two pieces of firewood in the bottom of the combustion chamber. Build a lattice of kindling on top.

Then place a couple of lighter cubes in the top of the lattice, so that the top kindling is ignited. The heat and flames will automatically spread to the rest of the wood, so you end up with a perfect fire in your stove.

It should only take a few minutes before the fire is well established





In cooperation with HWAM, the Technical University of Denmark (DTU) has researched into wood-burning stove technology that protects the environment without compromising on the world's most pleasant heat source.

The result of DTU and HWAM's research project is Autopilot IHS $^{\rm M}$, which is produced and sold around the world for several of HWAM's stoves.

"Our trials found that it is virtually impossible to manually manage combustion in a wood-burning stove optimally. An environmentally aware stove owner will ensure plenty of air is supplied to ensure combustion of the organic compounds, which could otherwise develop into harmful particles. But too much air leads to poor fuel efficiency," explains Jytte Boll Illerup, a senior researcher at DTU Chemical Engineering with 25 years' experience, who has worked closely with HWAM to develop Autopilot IHS™.

Each phase is different

DTU Chemical Engineering has developed a particle collection system which makes it possible to view and analyse the particles' composition and size during the different phases of combustion. This system has provided the foundation for the development of Autopilot IHS™, which was designed to control the air supply to achieve optimal combustion, while emitting as few particles as possible during all three combustion phases.

Autopilot $IHS^{\mathbb{M}}$ operates using small sensors which detect the temperature and oxygen level in the chimney. Based on the current temperature, the sensor sends a message

to a processing unit in the Airbox – installed inside the stove. The Airbox then controls how much the three specially designed air vents in the stove are opened or closed during the various phases of combustion.

"It can sound very technical. But the important thing is that the technology does the work which is otherwise almost impossible to do manually. Time, temperature and turbulence all play a role in the combustion. Without measuring instruments it is very difficult to see if there is enough oxygen, if the temperature is high enough, or how much draught there is in the chimney," explains Jytte Boll Illerup.

Facts about the three phases of combustion

- The ignition phase should ideally only take a few minutes. It is important that there is enough air and a high temperature, so the organic compounds are combusted as soon as they are released from the wood.
- The flame phase releases gases which must be combusted, to prevent them condensing into particles.
 It is therefore also important during this phase to have a lot of air.
- The charcoal phase is less intensive, and the air supply should therefore be reduced. Too much air will lead to a low temperature and poor combustion.





The home is furnished with an attractive mix of well-known classics and a personal touch that adds an authentic and pleasant atmosphere. The bookshelf contains Ken Follett's classics on world history and abstract modern paintings brighten up the wall, while numerous family pictures bear witness to warm memories. The decorative antlers hung high on the wall in the hallway reveal Kaj's passion for hunting.

Birthe and Kaj are both retired

Birthe was a nurse, and Kaj finished up as police chief two years ago.

"After 41 years in the force I decided to retire and give the next generation their chance. It also leaves me more time to work as one of the Danish State Administration's appointed guardians — which is something I am passionate about," says Kaj.



"I think in a way I radiate a calmness to the people I meet and work with in my capacity as an appointed guardian, which is something they need."

Once a stove - always a stove

The wood-burning stove stands in the centre of the combined kitchen/living room as the heart and focal point of the house. For Kaj and Birthe, a stove has been an essential companion since 1978, and they cannot imagine life without one. They therefore had to go stove hunting when they fell for the house in Gl. Rye without a stove, and quickly settled on a HWAM stove with Autopilot IHS^{∞} :

"We wanted something with an attractive design, and our first priority was a stove which offered views of the flames from three sides, so we could enjoy the fire no matter where we were sitting. We also wanted the cleanest possible stove in relation to the environment. I think we saw an advertisement talking about Autopilot IHS™, and after a good chat in the stove store we were convinced. It's a purchase we have never regretted," explains Birthe.



When Kaj lights up the stove he uses oak from his own forest, which he has cut and stacked neatly in the garden. Given the work involved with the wood, he naturally expects the stove to do its job well. "After many years with a stove, we know how difficult it can be to light a fire and maintain good combustion. With Autopilot IHS™ we no longer have to think about this. We just light it, and the stove does the rest itself. We have almost halved our firewood consumption — and we have a fire in the stove every day," says Kaj.

"I was surprised to see how good the modern HWAM stove looks in our 300-year-old fireplace. It's an untraditional choice, but it perfectly matches our home, where the contrast between new and old works very well. I also love the combination of functional heat and old traditions"

Simon Holden, Worcestershire, Great Britain.



Industrial look popular in British homes

Does the combination of organic materials and high-tech not sound like a good match to you? Then you had better get used to the idea, because organic materials and technological solutions are becoming popular at the moment in British homes. Technology has never harmonised better with nature than it does now — and it therefore makes great sense to let technology ensure optimal combustion in the home's atmospheric stove.

HWAM's Autopilot IHS $^{\text{\tiny M}}$ automatically controls combustion of the wood, so the natural and pleasant home heating is optimised, to the benefit of both the environment and consumer. Decide what temperature level you want using the discrete remote control, and then lean back and enjoy the beautiful flames – without having to worry about oxygen levels or when to add firewood. Autopilot IHS $^{\text{\tiny M}}$ regulates the oxygen supply automatically, and the remote control sounds a short beep when it is time to add more firewood.

The harmonious combination of technology and nature in the industrial look is also becoming popular in British homes at the moment. Raw steel in contrast with classic style creates a unique look which trend experts predict will have a big future in the UK. For example, replace the traditional fireplace with a modern wood-burning stove, which creates a modern look in the classic hearth.

Solid craftsmanship and meaningful technology a popular trend in French home furnishings

Do you want to regain control and ensure your home furnishings are based on quality craftsmanship? You are not alone. According to leading trend researchers, traditional craftsmanship with a perfectionist focus on quality materials is highly valued in modern French home interiors. In an age where it can be difficult to keep up with technological advances, furnishing your home using quality materials produced by skilled craftsmen promotes peace and well-being. Technology is welcome if it is meaningfuland in harmony with quality craftsmanship and valuable functions

"The installer told us that our new HWAM 3630 with Autopilot IHS" was a 'stove for Dummies'. He was right about that in the sense that we don't have to do anything to achieve good combustion. With a simple key press on the remote control we set the desired temperature level. The remote control then tells us when it's time to add more firewood. It's child's play!"

Mr Alves from Hallencourt, France



Natural elements popular in Scandinavian home furnishings

Home – and lifestyle experts predict that 2015 will be the year where natural elements make serious inroads into Scandinavian homes. The more rustic colours, together with natural elements, will come to dominate home interiors and create the setting for warmth and atmosphere in the otherwise very simple, light style. White walls and pure lines will have personality added with small nature- inspired touches such as fresh branches in floor vases or bulging baskets of firewood. And what would be more obvious than to let the stove's warm orange flames brighten up the room?





Tips

Stove cleaning and maintenance

We recommend you use a vacuum cleaner and a small brush attachment with soft bristles, a soft cloth or a hand brush when cleaning the stove exterior. It is important to do all maintenance while the stove is cold.

Do not use water, methylated spirits or any form of cleaning agent, as these damage the lacquer.

If there is soot on the stove glass it can be cleaned using lightly wet paper dipped in ash.

Dispose of ash via domestic waste collection.

Ash must be completely cold, before being removed from the stove. Please note that there can be embers in the ash for up to 24 hours after the fire in the stove has died out!

The stove should be given a thorough clean once a year. Clear out soot and ash from the combustion chamber and lubricate the door and hinge using copper grease.

HWAM 3660 is a tall, attractive wood-burning stove that has a storage space beneath the combustion chamber and a heat storage compartment at the top.









"We are very close in our family, and we enjoy being together at home. Christmas and other special occasions therefore mean a lot to us. They give us good memories of special times together with the people we care about,"

explains Øivind with a warm twinkle in his eye.

The young family moved into the house in the suburb of Fana three years ago, and go for regular walks in the mountains, often with skis or fishing rods. Both parents work, and the time spent in nature with their children is therefore a valuable breathing space in their daily routine.

A basic calm

The lounge room in the new house was furnished in modern Scandinavian style following a renovation, with a few simple details to add a personal touch to the minimalist style. The wood-burning stove was chosen carefully, with the goal of finding an attractively designed stove which brings atmosphere and a basic calm to the room. Both adults and children enjoy spending time in front of the flames, playing with LEGO, reading books and having long conversations.

"We have the stove lit for most of the winter. It is cosier than electric floor heating, which we also have in the house. It's also cheaper and more environmentally friendly to heat the house using the stove rather than floor heating, and this is something we value," says Øivind.

Do you ever think about which kind of wood you use in your stove? If not, maybe it is time you did. There are big differences in the correct way to light the various types of wood.



Oak wood

Oak requires a high temperature, but once the fire has taken hold, the wood has a long combustion and ember time. It produces atmospheric coals and crackles merrily.



Pine wood

Pine is easy to light. It burns quickly with a fantastic bright flame and produces only a few embers. The same is true of spruce.



Birch wood

Birch is a lighter wood and is good for lighting, as it catches easily and heats well. It does not produce much smoke, but burns with attractive flames and a wonderful aroma. The same is true for lime and chestnut wood.



Beech wood

Beech wood requires a high temperature, but is ideal firewood which provides good heat and atmospheric embers.

How do you store your wood?

Have you ever given thought to where and how you store your firewood?

If not, you should. The way you store your wood does matter, as it is to have a moisture level of no more than 18%. The wood can seem dry on the outside but still be moist inside if it is dried in an oven. It is therefore preferable to dry firewood naturally outside in the sun and wind. It is important to store it where it is exposed to sun and wind, and not on the ground, but stacked under a roof which keeps off the rain.

It can take around six months to completely dry firewood outdoors. It is a good idea to fell trees for firewood during autumn and winter, as they contain less sap at this time.

If firewood is not handled correctly it can develop rot or remain moist for several seasons. It is therefore important to be careful about how you store your firewood. Some people think firewood is dry if it is two years old. You cannot be sure of this if it has been handled incorrectly.

It is also important to note that the firewood must have a moisture level of no more an 18%

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Guide

There is a HWAM for everyone

find the perfect stovefor your needs

The needs a stove has to fulfil can vary greatly. It is therefore important to be clear on why you want a stove, when you will use it and for what purpose, and where you want it installed.

Use the guide

to work out which HWAM stove matches your needs.

See the complete assortment on

www.HWAM.com

P29

Stone cladding

Dreaming of a unique stove with stone cladding?

3660c



3530m



4660m

Lasting heat

Heat storage stones above the combustion chamber retain the heat



Built-in

If the heat source and flame view is to be built into a wall, you should look closer at these models



If you need a lot of heat, you should look at our models with large combustion chambers



Classic 7H



4640m



Classic style

If you love classic and nostalgic style, our classic series is ideal for you

Limited space

If space is limited or your stove is simply to be a discreet home furnishing element

(available as wall-mounted models)



auality ншат

Perfect your stove's look with

the right accessories



HWAM firewood trolley

The original HWAM firewood trolley is a practical and rugged assistant to help transport firewood to your stove. The elegant design matches all of our stoves.

Design:

Anders C. Fasterholdt.



As something new, tailor-made floor plates are now available for your HWAM stove. We have developed new steel and glass floor plates which precisely match



HWAM firewood bucket

The HWAM firewood bucket is a classic. rugged firewood holder designed to match our classic stoves.

Design:

Anders C. Fasterholdt.





Tradition plays an important role in the Hvam family. The tradition of fire as a source of heat, of strong family ties and of quality Danish craftsmanship for the entire world. These are traditions the founder's son and CEO, Stefan Hvam Pedersen, incorporates into his vision for developing the stoves of the future for the whole world.

Stefan Hvam Pedersen has been CEO of HWAM since 2009, when he took over the helm from his father, Vagn Hvam Pedersen. Vagn still plays a key role in HWAM's development, but Stefan has a strong vision of adding his own touch to the company's development.

"People have been using fire to keep warm since antiquity. Since my father developed HWAM Autopilot and later HWAM Autopilot IHS™, the heat of the past has been adapt-

ed to our modern age. Our stoves are renowned for uniting classic warmth from the flames with the latest functions of modern technology. I want to develop this even more, so we remain at the leading edge of development in the future and offer our customers the best stoves in terms of func-

Danish design for the whole world

HWAM stoves have always been developed, designed and produced in Denmark. And this is no mere coincidence.

"We are convinced that we can create the best products by keeping our entire production here in Denmark. This allows us to maintain and benefit from close cooperation between designers, engineers and production. This is vital in order to ensure all the tiniest details work harmoniously together in every single product we ship to our distributors around the globe."

Danish design is renowned throughout most of the world for its stylish look and pure lines. Everything from designer chairs to architectural buildings are praised and sought after in many cultures, and Stefan believes this is due in part to the simple style, which matches any context.

"We have a focus on continuing the pure Danish design tradition in our stoves, as this is how we can offer our customers in Germany, Scandinavia, southern Europe and Asia products which match a variety of home furnishing trends and cultures,"

Stefan Hvam Pedersen, CEO

tion, design and ease



