



SmartHeater Convector

Modern design and cost effective heating
will improve your indoor climate

 Made
in Norway



BEHA – Heating homes for over 100 years





BEHA SmartHeaters

BEHA SmartHeaters can be used with Wi-Fi app-control or manual operation by setting the wanted room temperature using the thermostat wheel. The app-control allows you to set the temperature of the heaters in each room independently for each hour of the day and each day of the week. When the heaters are programmed by the app each heater will follow the set temperature until it will be re-programmed in the app.

The programme will not be influenced by power failure or lost internet connection. If the heater is manually operated it will return to the manually set temperature when the power comes back on.

The heater in a room can be switched on and off by using the app. The same can be done with the frost guard function and the child safety lock.

The BEHA app is designed for control of heaters in multiple locations, e.g. your home, your holiday home or any other location you may install BEHA SmartHeaters. By using the BEHA app, remote control is at the tip of your finger anytime, anywhere provided internet connection is available.

BEHA SmartHeaters have cold draft function. When a window is opened next to the heater in a room where the room temperature is above 15°C the heater will change between set temperature and frost guard (5°C). This function will be active for maximum 15 minutes. All BEHA heaters have built-in frost guard function.

The BEHA app will be automatically updated when new or altered functions are available.

Certified and approved

BEHA Convactor Heaters are approved and certified according to international CCA specifications EN 60335 and carry the CE mark, thus complying with European safety standards and standards for electromagnetic compatibility.

BEHA Convactor Heaters with steel front, are tested and approved for IP 24 rating (splash proof) and can be installed in bathrooms and other damp areas.

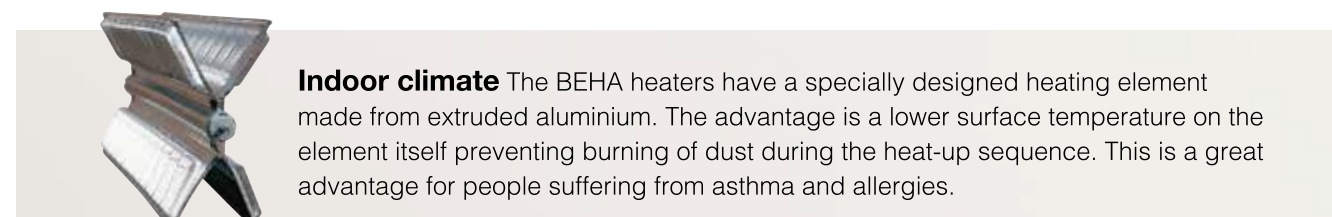
BEHA glass fronted heaters are tested and approved for IP 20 rating.



Installation

BEHA Convactor Heaters are designed to fit in at the coldest part of the home – underneath the windows.

For safe installation and operation the panel heaters are double insulated and can be connected to any 220-240V wall power outlet, earthed or not earthed.



BEHA SmartHeaters

- > Wi-Fi function is integrated in the heater. It can be operated as a SmartHeater by use of the app or manually as a traditional heater.
- > The set temperature display is projected on to the floor below the heater.
- > However long lasting a power outage might be the BEHA SmartHeater will return to the set temperature when the power comes back. It will not return to factory setting.
- > BEHA SmartHeaters are tested and type approved by NEMKO.
- > BEHA SmartHeaters are designed and manufactured in Norway.
- > The steel fronted heaters have protection class IP24.
- > The glass fronted heaters have protection class IP20.
- > BEHA SmartHeaters have cold draft function.
- > BEHA SmartHeaters are equipped with a triac for switching the power on and off, as opposed to relay switching of power which has a limited lifetime.
- > The efficiency of the BEHA SmartHeaters is exceeding the requirements in the EU Eco-design directive.
- > Electronic thermostat with on/off switch and thermostat wheel for manual operation.
- > 1,5 meter white cable and plug.
- > Power consumption in stand-by mode is 0,3 watt.
- > Thermal fuse to prevent over heating.



Use of BEHA SmartHeater app allows you to:

- > Control and operate your heaters remotely
- > Control heaters in multiple locations
- > Multiple users on same app account
- > Change room temperatures remotely
- > Activate or de-activate child safety lock
- > Activate or de-activate frost guard
- > Switch heaters on and off

Use of BEHA SmartHeater without app allows you to:

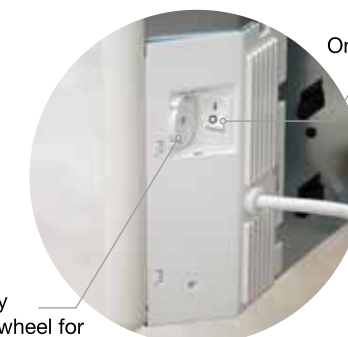
- > Set the wanted room temperature manually by means of the thermostat wheel
- > After power outage the heater will go back to the set temperature

The thermostat box is located in the lower right corner of the heater. From this box the set temperature is projected on to the floor below the heater.

Detachable cover hiding the thermostat wheel and the on/off switch



User friendly thermostat wheel for manual operation



On/off switch

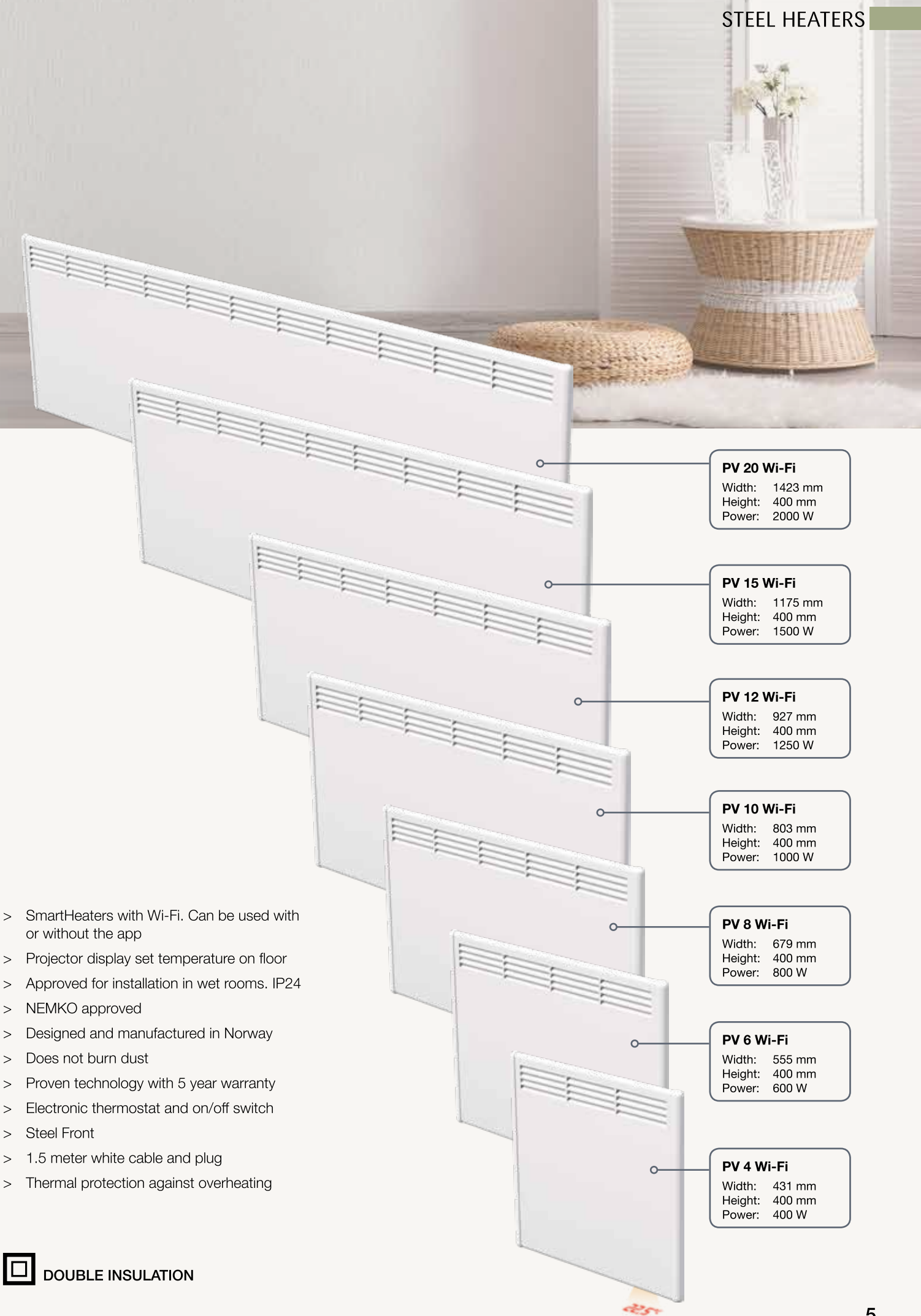
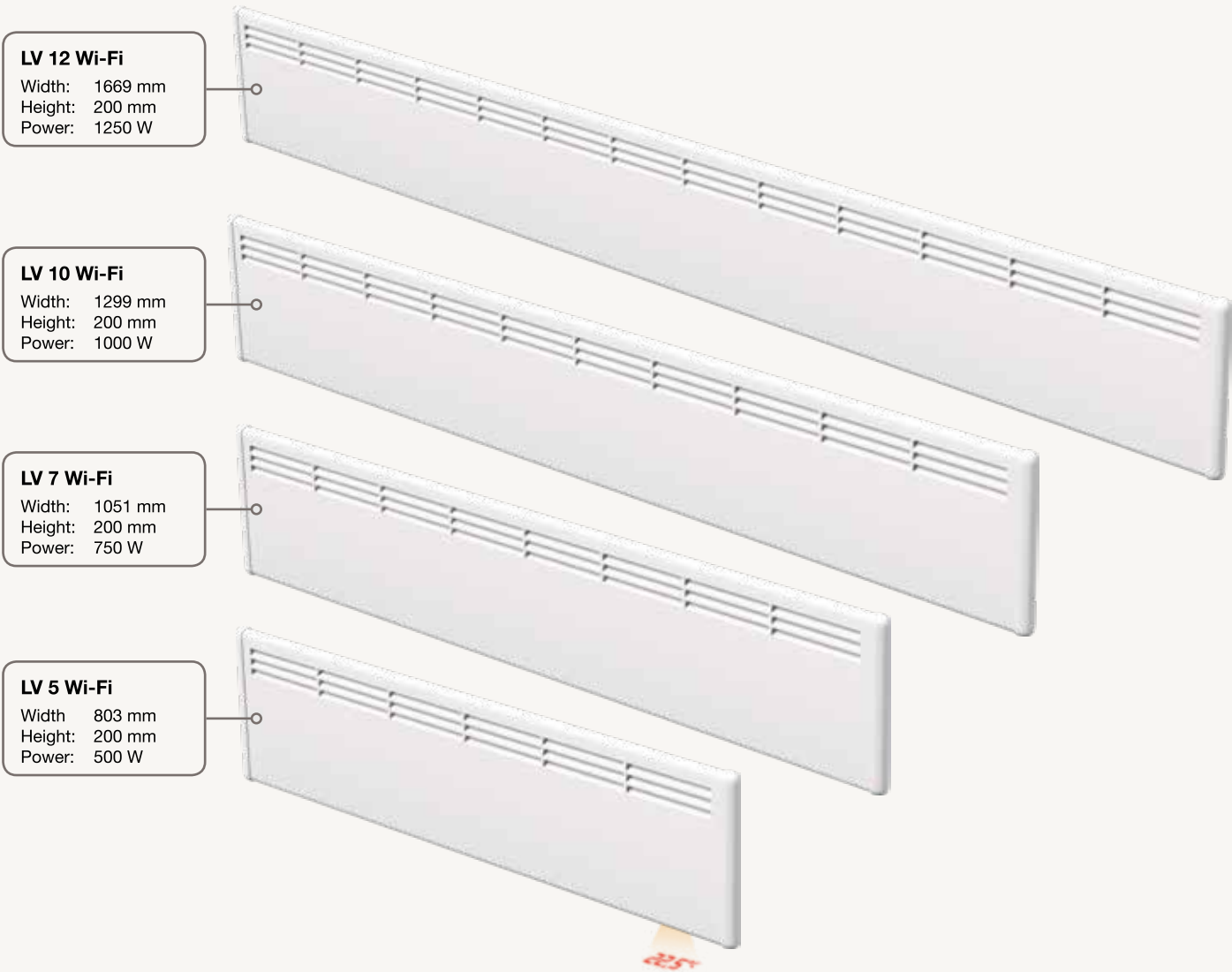
Smart Heaters With Steel Front

All Panel heaters with Wi-Fi from BEHA are designed and manufactured in Norway. They are based on our knowledge and experience from more than a hundred years as a manufacturer of heaters. The heaters are approved for use in wet rooms.

The set temperature is projected on the floor for easy reading. The product range is available in two heights and in a variety of output power.

The heaters have an almost unlimited lifetime. You will therefore be able to enjoy the SmartHeaters from BEHA for years to come.

The Wi-Fi settings can be controlled with the BEHA app, as described on page 3. A range of accessories for the heaters can be found on page 13.



- > SmartHeaters with Wi-Fi. Can be used with or without the app
- > Projector display set temperature on floor
- > Approved for installation in wet rooms. IP24
- > NEMKO approved
- > Designed and manufactured in Norway
- > Does not burn dust
- > Proven technology with 5 year warranty
- > Electronic thermostat and on/off switch
- > Steel Front
- > 1.5 meter white cable and plug
- > Thermal protection against overheating



Smart Heaters With Glass Front

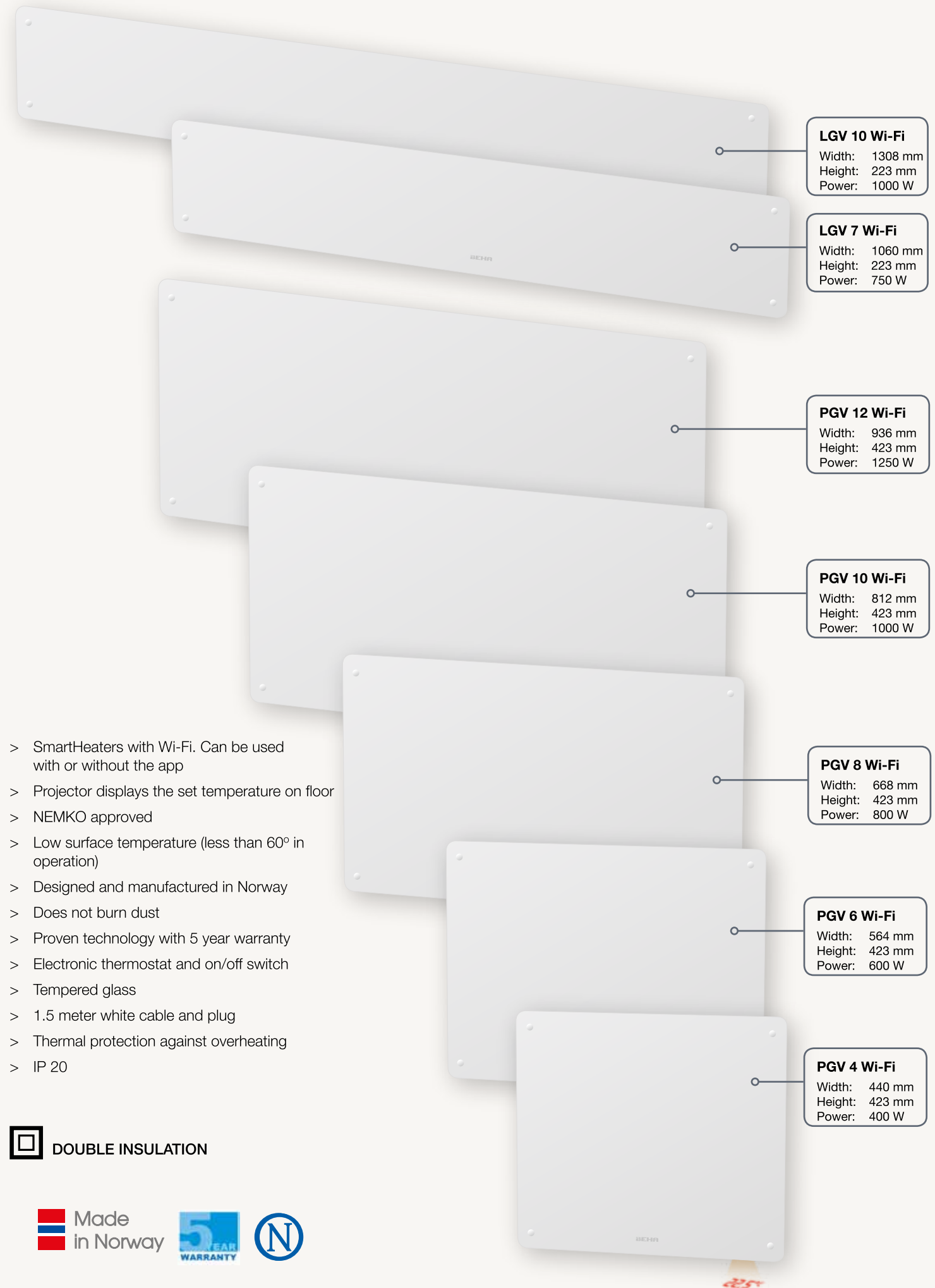
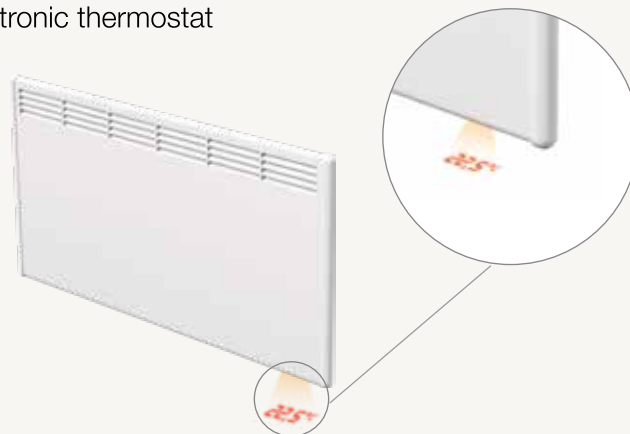


BEHA SmartHeaters with Glass Front are based on our knowledge and experience from more than a hundred years as a manufacturer of heaters. The heaters are designed and manufactured in Norway.

These Glass Fronted SmartHeaters come with built-in Wi-Fi. The set temperature is projected onto the floor. During normal operation, the surface temperature of the glass is below 60 degrees. All heaters are supplied with an electronic thermostat that is programmable as per EU rules for any heating source.

The product range is available in two heights and in a variety of output power.

Accessories for the heaters can be found on page 13.



- > SmartHeaters with Wi-Fi. Can be used with or without the app
- > Projector displays the set temperature on floor
- > NEMKO approved
- > Low surface temperature (less than 60° in operation)
- > Designed and manufactured in Norway
- > Does not burn dust
- > Proven technology with 5 year warranty
- > Electronic thermostat and on/off switch
- > Tempered glass
- > 1.5 meter white cable and plug
- > Thermal protection against overheating
- > IP 20

 **DOUBLE INSULATION**

 Made in Norway  



Drying



Shoe Dryer SKO 300T

Who has not experienced having to stop the children in the hallway with dripping shoes and boots after playing outside, or that the football boots are soaked after training and matches?

Then BEHA Shoe Dryer is the answer!

Hang the Shoe Dryer on the hallway, garage or cloakroom wall, and it will always be prepared to take care of the family's wet footwear.

- > NEMKO approved
- > 180 minutes timer with indicator light
- > Thermal protection against overheating
- > 300 W
- > For wall mounting
- > Dries two pairs of shoes or boots at a time
- > Practical stirrups for the air hoses to be hung, when not in use
- > Height 230 mm, width 230 mm, depth 100 mm
- > White with grey air hoses
- > 1.8 meter grey cable and plug
- > IP X1



DOUBLE INSULATION



Drying Rack TSH 80

Drying Rack TSH 80 provides a simple and quick drying of footwear and clothes. It can also be used for drying towels. The Drying Rack has an effect of 80W and is 90 cm long. Wall mounted and can be clipped up when not in use.

- > NEMKO approved
- > 80 W
- > On/off switch
- > For wall mounting
- > Easy and quick drying of shoes, clothes and towels
- > Height 65 mm, width 900 mm, depth 270 mm
- > 1.5 meter white cable with grounded plug
- > IP 24, approved for wet rooms



There's nothing quite as enjoyable as sitting out on your patio on a sunny day, but sadly, our inclement UK weather often means that it can still get chilly even when the skies are clear.

Patio heaters are just the ticket for anyone looking to enjoy their outdoor spaces through a greater portion of the year and can make your garden seating areas much more welcoming.

BEHA Patio Heaters need no extra connection or mounting - you only need a free power outlet. The Patio Heaters are also affordable in use.



Patio Heater TVT 1500 IN-2

Infrared Patio heaters are classified in; near, medium and far wavelength. Our heaters use near radiant heat to combat the cold and aren't affected by the breeze – all of the heat goes straight from the heater, direct to you. So no heat is wasted by heating the surroundings instead of you. The terrace heater has a pull switch that can be used to select power, or turn on/off.

- > NEMKO approved
- > Infrared near-wave heat radiation
- > Stainless steel, chain and hook for ceiling mounting
- > Switch with 3 steps and string
- > Power regulation of 900 and 1500 W in output
- > 1.8 meter black cable with earthed plug
- > Diameter 420mm, height 270mm
- > Requires 10A fuse
- > IP 24, protected from water spray from any direction




Patio Heater TV 2000 IN

TV 2000 IN is for wall mounting. The Patio Heater has near-wave radiant heat. This means that the infrared heat radiation from TV 2000 IN does not heat the air, but you. This is a comfortable and effective method for extending the outdoor season in your garden. Near wave heaters are not affected by wind, as is the case with medium/far wave heaters.

- > NEMKO approved
- > Infrared near-wave heat radiation
- > Stainless steel
- > On/off switch with cord
- > Power 2000 W
- > 1.8 meter black cable with earthed plug
- > Length 450mm, depth 230mm height 100mm
- > IP 55, protected from water jets from any direction
- > Requires 16A fuse



Technical Specifications

Recommended	
 m²	Watt
0 - 6 m²	400 W
6 - 8 m²	600 W
8 - 10 m²	800 W
10 - 14 m²	1000 W
14 - 20 m²	1250 W
20 - 25 m²	1500 W
25 - 30 m²	2000 W

BEHA SmartHeaters

SmartHeaters with steel front	Specifications that are the same for all Beha Smartheaters with Wi-Fi		<ul style="list-style-type: none">• Wi-Fi that can be programmed.• After a power cut, the heater will go back to the programmed temperature and setting.• On-Off switch and electronic thermostat.• Double insulation layers• Steel: For wet rooms. IP 24• Glass: IP 20• 1,5 m cable and plug• Depth: 83mm• Clearance to side: 20 mm• Clearance above : 100 mm• Wall bracket build 33 mm• Clearance below: 30 mmRecommended 100mm.					
	Type	Colour	Watt	Size L x H	Distance between wall brackets	Product No.	GTIN/EAN	Wi Fi
	PV 4	White	400W	431 x 400 mm	210 mm	54 498 25	7026578104189	In built
	PV 6	White	600W	555 x 400 mm	210 mm	54 498 26	7026578104202	In built
	PV 8	White	800W	679 x 400 mm	310 mm	54 498 27	7026578104219	In built
	PV 10	White	1000W	803 x 400 mm	310 mm	54 498 28	7026578104226	In built
	PV 12	White	1250W	927 x 400 mm	610 mm	54 498 29	7026578104233	In built
	PV 15	White	1500W	1175 x 400 mm	610 mm	54 498 30	7026578104240	In built
	PV 20	White	2000W	1423 x 400 mm	610 mm	54 498 31	7026578104257	In built
	LV 5	White	500W	803 x 200 mm	310 mm	54 498 32	7026578106206	In built
	LV 7	White	750W	1051 x 200 mm	610 mm	54 498 33	7026578106213	In built
	LV 10	White	1000W	1299 x 200 mm	610 mm	54 498 34	7026578106220	In built
	LV 12	White	1250W	1669 x 200 mm	910 mm	54 498 35	7026578106237	In built

SmartHeaters with glass front	Type	Colour	Watt	Size L x H	Distance between wall brackets	Product No.	GTIN/EAN	Wi Fi
	PGV 4	White	400W	440 x 423 mm	210 mm	54 498 36	7026578104004	In built
	PGV 6	White	600W	564 x 423 mm	210 mm	54 498 37	7026578106008	In built
	PGV 8	White	800W	688 x 423 mm	310 mm	54 498 38	7026578108002	In built
	PGV 10	White	1000W	812 x 423 mm	310 mm	54 498 39	7026578101003	In built
	PGV 12	White	1250W	936 x 423 mm	610 mm	54 498 41	7026578102505	In built
	LGV 7	White	700W	1060 x 223 mm	610 mm	54 498 42	7026578107005	In built
	LGV 10	White	1000W	1308 x 223 mm	610 mm	54 498 43	7026578101119	In built

Floor brackets GB 200, for LV and LGV SmartHeaters Size: H 186 mm, D 70 mm, L 33mm		54 498 40	7026571100058	N/A
Junction box for direct mains connection KB 200		54 498 17	7026571100126	N/A
Plastic legs PF 240, for PV and LV SmartHeaters in Steel			7026571111054	N/A

Warranties & Accessories



5 year warranty
All Beha heaters are supplied with a 5 year warranty.



Certified by Nemko or Semko
All products from BEHA are certified by either Nemko or Semko – for your safety.

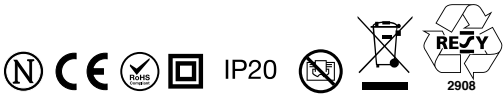


Protection against frost
All Beha SmartHeaters are equipped with frost protection. It guarantees a min of 5 degrees internal temperature.



Double insulation
Beha SmartHeaters have double insulation. The heaters are designed in a way that earthing is not required.

Simple to clean
The heaters can easily be flipped forward for easy reach to clean behind them.



Advanced heating radiators

The heating elements have extruded aluminium fins with perforations and wide surface that distributes the heat very well. Therefore, the average operating temperature is the absolutely lowest in the market, and the surface temperature of the front plate will therefore be well below the prescribed 80 ° C (glass 60 ° C) with a room temperature of 20 ° C. The elements are located in special fibreglass reinforced fixtures that protect against unwanted sounds from the oven. In addition the ovens have galvanized baking plates.



KB 200 Junction box for direct mains connection

Junction box for connection directly to mains is delivered as an accessory.



GB 200 Floor Brackets

As an accessory for heaters in LGV- and LV-series we can deliver brackets for securing the heater on to the floor rather than the wall depending on what is best suitable.



Plastic Legs PF 240

You can use legs for the SmartHeaters in steel. The heater can then be used as a free-standing additional heating source for occasional use in well insulated rooms. The heater should then not be used in wet areas.



Shoe Dryer	Type	Watt	Watt range	Colour	With fan	Size H x D x L	Product No.	GTIN/EAN	Wi Fi
	SKO 300 T	300	0 - 300	White/Grey	Yes	230 x 100 x 230 mm	54 283 85	7026573176105	N/A
Drying Rack	Type	Watt	Watt range	Colour	With fan	Size H x D x L	Product No.	GTIN/EAN	Wi Fi
	TSH 80	80	0 - 80	White	No	65 x 270 x 900 mm	54 498 19	7026572175802	No
Patio Heaters	Type	Max power	Watt range	Colour	Size H x D x L	Classification	Product No.	GTIN/EAN	Wi Fi
	TVT 1500 IN-2	1500 W	0 - 900 - 1500	Stainless steel	420 x 420 x 270 mm	IP 24	54 279 04	7026573177447	N/A
	TV 2000 IN	2000 W	0 - 2000	Stainless steel	100 x 230 x 450	IP 55	54 279 02	7026573177225	N/A

BEHA SmartHeaters are ready to meet this new EU regulation - 'LOT 20'

On the 1st January 2018, a new regulation affecting "the ecodesign requirements for local space heaters" will be implemented. This derives from an EU Commission Regulation which was transposed into UK Law under the Energy Related Products Regulations (ERP) and is often referred to as 'LOT 20'.

Any new local space heating system installed from this date onwards must be compliant with the new 'LOT 20' performance standards. The legislation is not retrospective, so existing systems in place will not be affected.

All BEHA's SmartHeaters, both glass and steel fronted meet the definition of a 'local space heater' and must therefore be LOT 20 compliant from 1 January 2018.

What is the aim of 'LOT 20'?

The EU say the primary aim for LOT 20 is to reduce our energy consumption through accurate management. They say the key to this is to modernise electric heating appliances and minimise wasted energy. The scenario is similar to the directive a few years ago, when our light bulbs were changed for the new energy saving versions.

The objectives of LOT 20 will be driven by using intelligent timers, controls and sensors. Standard on/off heating appliances without such controls will no longer be compliant and manufacturers and distributors will no longer be able to sell these.

How will a heater be 'LOT 20' compliant?

To be LOT 20 compliant, heaters will in general now need to include 3 key features:

- > 24/7 time and temperature control, either built in or through wireless/WIFI APP.
- > Electronic thermostatic control for accurate room temperature measurement.
- > Open window/door recognition so the heater can reduce usage if the user leaves a door or window open reducing the room temperature rapidly. Some radiators will have a smart start facility included, which allows the heater to choose the time it engages to bring the room up to the required temperature set by the user.

All heaters must also meet a minimum seasonal space heating energy efficiency requirement too.



It takes time to develop the world's best heaters. Actually around 100 years!

Since 1917 BEHA has been the leading supplier of electrical goods and heaters to Norwegian homes and businesses. Concentrating on quality and new technology has always been BEHA's philosophy since the start. More than 100 years of research, development and experience lays the foundation of today's products.



Started already in 1917

BEHA's story started in a small town in Norway called Porsgrunn in 1917. The founder was a young engineer from Kongsberg, his name was Carl Eugene Berg-Hanssen.

In the beginning the name of the factory was Berg Hanssen Elektriske Fabrikker (Electrical Factory). In 1923 the name was changed to BEHA by taking the first letters from Berg-Hanssen. The factories where outgrown several times to become today's 12 000 square meter modern manufacturing plant where also the business development, marketing and headquarters are located.

More than 10 million products sold

Since the first heater was sold in 1917, more than 10 million BEHA-products have found their way to quality aware customers in Norway and all over the world. There are very few Norwegian companies that have kept up such a quality production over that many years.



SCANDINAVIAN TRADING LTD

Scandinavian Trading Ltd. is an Authorised BEHA distributor in the UK of electrical heaters to the British homes and businesses.

BEHA has been heating homes and businesses for over 100 years – and has always focused on quality.

Today, BEHA produces heaters that are at the forefront of global environmental, electrical, technology, quality and design.

Please visit our website for a full portfolio of our imported products such as wall panels, ceiling panels, floors and other wood products.

www.scandinaviantrading.co.uk

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The logo for BEHA, featuring the word "BEHA" in a bold, red, sans-serif font. The letter "B" has a small blue and white striped graphic element on its left side.The logo for smartpanel, featuring a red icon of a folded panel above the word "smartpanel" in a red, lowercase, sans-serif font. A registered trademark symbol (®) is at the end.The logo for HUNTONIT, featuring the word "HUNTONIT" in a bold, green, sans-serif font. Below it, in a smaller, green, sans-serif font, is the text "PREPAINTED CEILING AND WALL PANEL".The logo for SAGA PARKETT, featuring the word "SAGA" in a large, green, serif font. To the right of "SAGA" is a small graphic of an oak leaf and an acorn. Below "SAGA" is the word "PARKETT" in a smaller, green, sans-serif font.