

*Heart  
of Sauna*

**SKAMET**

# ABOUT US

Our enterprise OÜ Skamet was established in January 2006, when we bought a former metal manufacturer Häрма Metall OÜ. We carried on manufacturing and distributing wood burning sauna stoves from rolled metal, boilers and smoke pipes. Nowadays the business is based on domestic capital. Industrial buildings are located at Savi 9, in Pärnu town. The main products include: sauna stoves (steel stoves and stoves with net casing), boilers and smoke pipes. Over the years we have developed new products: sauna stoves with net casing; smoking chambers; water tanks from stainless steel, featuring anodes; accumulation tanks and wood-burning stoves. Most products are exported, mainly to our biggest partners in Latvia, Finland, Lithuania and Germany. We have also exported our products to Belgium, Canada, Poland, Australia and Sweden. In the year of 2010 we started sub-contractual cooperation with one Finnish enterprise, for which we perform metal works.

Our enterprise is guided by the EU standard ISO 9001:2008. In 2007 Skamet OÜ became a member of Estonian Chamber of Commerce and Industry. Since 2008 our enterprise has been using Quality Management System which indicates the right to mark our products with CE marking.

## About the sauna stoves

This kind of stoves have been made in Pärnu, Estonia since 1990s. In cooperation with our customers, we have improved our products. For instance, we have changed the door of sauna stove, so during the heating it is possible to see more flames, as well as it is now possible to regulate the height of the stove with legs. From 01.07.2012 the new standard EN 15821:2010 took effect in Europe, according to which sauna stoves are allowed to be produce and sold at European market. Skamet OÜ was the first in Estonia and one of the first in Europe who acquired the certification to these products. Based on the results of these tests, we can say that our sauna stoves are the most efficient Estonian wood burning stoves and one of the most effective sauna stoves in Europe.

### How our stoves are built:

As you can see in the picture, the stove is cut in half, the arrow shows how the smoke is moving throught the smoking channel. With this kind of system the flame **DOES NOT** reach to the chimney. The basic model ceiling is made of 6mm hot-rolled steel and the back of the stove of 4mm hot-rolled steel. We are producing two types of stoves – with steel casing and with net casing. The inside of the stoves are practically the same construction.



## Stove selection guide:

If your bath time is usually two hours or less- select model P, PS or PT

If your bath time is usually more than two hours- select model S, SY or ST

If you want to heat your sauna **in the same room**- select model what starts with number 1 (P-1\*\*, PS-1\*\*, S-1\*\* or SY-1\*\*)

If you want to heat your sauna **from the other room**- select model what starts with number 2 (P-2\*\*, PS-2\*\*, PT-2\*\*, S-2\*\*, SY-2\*\* or ST-2\*\*)

## Skamet´s woodburning stoves are CE marked

Skamet´s woodburning stoves have been tested in an outside facility and have been CE certified. The stoves meet all the international fire and operational safety requirements, which came into force in Europe on 1 July 2012. Efficiency of all Skamet stoves are more than 70%, exceeding the EU standard requirements (50%).



## How to select right size sauna stove?

**You can choose between three different models:**

1. If your steam room size is **5-12 m<sup>3</sup>**- select model PS
2. If your steam room size is **8-18 m<sup>3</sup>**- select model, what ends with numbers 16 (P-\*16, PT-216, S-\*16, SY-\*16, ST-216)
3. If your steam room size is **16-25 m<sup>3</sup>**- select model, what ends with numbers 20 ((P-\*20, PT-220, S-\*20, SY-\*20, ST-220)

## NB!

A properly built sauna is a very important factor in getting the most out of your woodburning stove. Please carefully consider the capacity of the sauna stove. Low heating efficiency results in having to heat the sauna stove longer and more intensely, which reduces stove life span.

- » If the sauna has stone, glass or similar non-insulated surface, the stove power requirement is increased by 1,2 cubic meters for each square meter of such surface.
- » If the interior wall of the sauna room is non-insulated log, multiply the cubic volume of sauna by 1,5.
- » You should also pay attention to sauna ventilation. Efficient air circulation ensures that the bathers can enjoy clean air that is easy to breathe.

## Heating time:

If the customer chooses the right stove for his sauna, then in the steam room must be about 100 degrees in 30-45 minutes with steel casing stoves. Stoves with net casing will take a little bit longer to heat up the steam room (about 60-90min) but the large numbers of stones ensure good heat, even when the fire has died.







# SAUNA STOVES WITH STEEL CASING



Sauna stoves with steel casing have been produced in Pärnu since the 1990s. First they were produced by Härma Metall. Since 2006 they have been produced by SKAMET. If you choose a stove correctly (accordance to the size of bench and other parameters and without water tank), then the heating time can be approx. 30-45 min. In case model with water tank requires more time for heating, depending on the size of tank. We confirm that our sauna stoves meet the requirements of the CE marking and that our production complies with the standard EN 15821:2010

## Sauna stove (steel casing) - heated in the same room

Sauna stove **model P-116** with heated area 8 -18 m<sup>3</sup>; stove height 73 cm.

Sauna stove **model P-120** with heated area 16-25 m<sup>3</sup>; stove height 81 cm.

### Standard product parameters:

- » without or with glass door (230 x 230 mm)
- » upper and back-side chimney connection
- » colour of casing: red or black
- » with or without opportunity to connect to water tank



## Sauna stove (steel casing) - heated through the wall

Sauna stove **model P-216** with heated area 8 -18 m<sup>3</sup>; stove height 73 cm.

Sauna stove **model P-220** with heated area 16-25 m<sup>3</sup>; stove height 81 cm.

### Standard product parameters:

- » without or with glass door (230 x 230 mm)
- » upper and back-side chimney connection
- » colour of casing: red or black
- » with or without opportunity to connect to water tank





# SAUNA STOVES WITH NET CASING



Our enterprise has produced stoves with net-casing since the year of 2006. Correctly chosen sauna stove (according to the size of sauna bench and other parameters and without water tank) can be heated within approx. 60-90 min. (in case of water tank, then heating requires more time, depending on tank size). We confirm that our sauna stoves meet the requirements of the CE marking and that our production complies with the standard EN 15821:2010

## Sauna stove (angular net casing) - heated in the same room

Sauna stove **model S-116**

with heated area 8 -18 m<sup>3</sup>; stove height 81 cm.

Sauna stove **model S-120**

with heated area 16-25 m<sup>3</sup>; stove height 86 cm.

### Standard product parameters:

- » without or with glass door (230 x 230 mm)
- » upper-side chimney connection
- » with or without opportunity to connect to water tank



## Sauna stove (angular net casing) - heated through the wall

Sauna stove **model S-216**

with heated area 8 -18 m<sup>3</sup>; stove height 81 cm.

Sauna stove **model S-220**

with heated area 16-25 m<sup>3</sup>; stove height 86 cm.

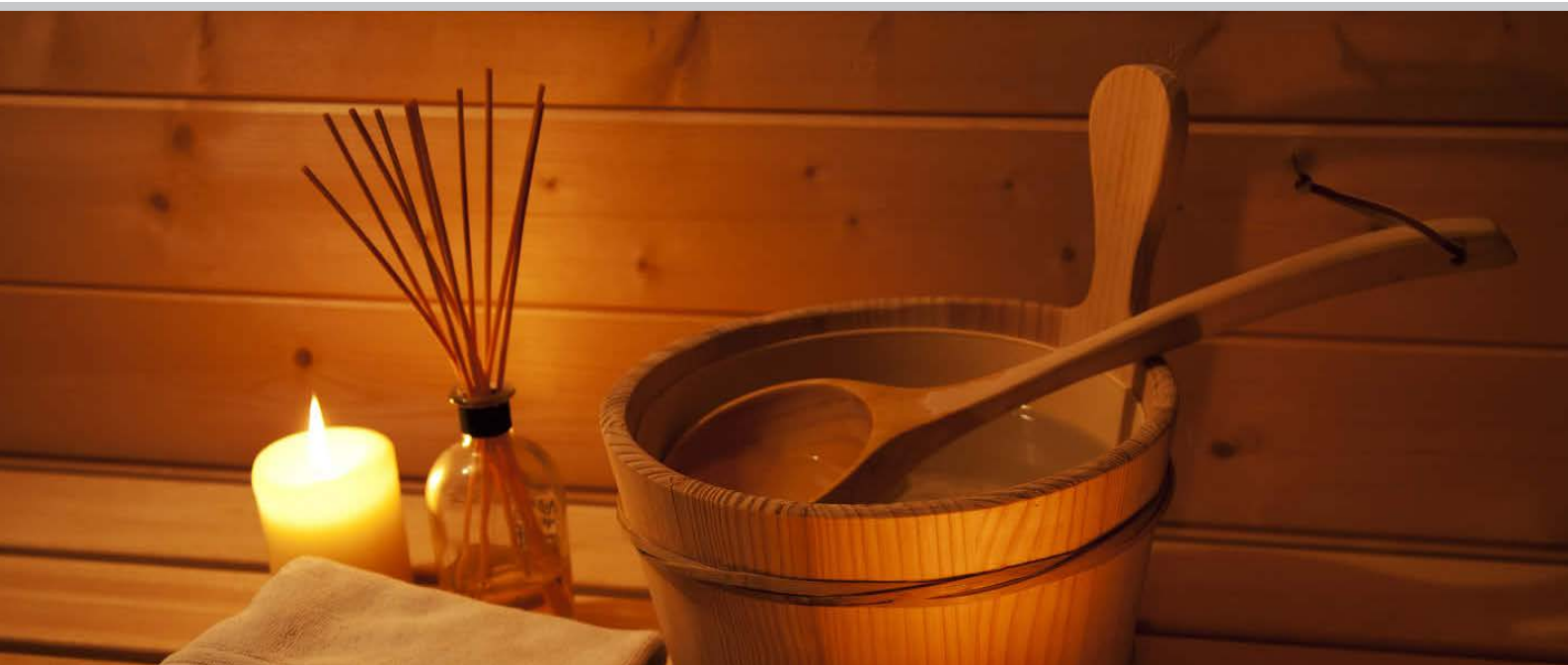
### Standard product parameters:

- » without or with glass door (230 x 230 mm)
- » upper-side chimney connection
- » with or without opportunity to connect to water tank





# SAUNA STOVES WITH ROUND NET CASING



Our enterprise has produced stoves with net-casing since the year of 2006. Correctly chosen sauna stove (according to the size of sauna bench and other parameters and without water tank) can be heated within approx. 60-90 min. If it is attached the water tank, then heating requires more time, depending on tank size. Outside diameter of the net is 56cm. The inside of the stove is square and the stones are not spread evenly to the corners. We confirm that our sauna stoves meet the requirements of the CE marking and that our production complies with the standard EN 15821:2010

## Sauna stove (round net casing) - heated in the same room

Sauna stove **model SY-116**

with heated area 8 -18 m<sup>3</sup>; stove height 81 cm.

Sauna stove **model SY-120**

with heated area 16-25 m<sup>3</sup>; stove height 86 cm.

### Standard product parameters:

- » without or with glass door (230 x 230 mm)
- » upper-side chimney connection
- » with or without opportunity to connect to water tank



## Sauna stove (round net casing) heated through the wall

Sauna stove **model SY-216**

with heated area 8 -18 m<sup>3</sup>; stove height 81 cm.

Sauna stove **model SY-220**

with heated area 16-25 m<sup>3</sup>; stove height 86 cm.

### Standard product parameters:

- » without or with glass door (230 x 230 mm)
- » upper-side chimney connection
- » with or without opportunity to connect to water tank









# SAUNA STOVES WITH FIREPLACE DOOR



If you want to heat your sauna room, meanwhile enjoying living fire on the couch, then the stove with a fireplace door is the right one for you. The stove has a bigger (330x330mm) glass door, as usual models this gives you the cosiness of a true fireplace feeling.

We confirm that our sauna stoves meet the requirements of the CE marking and that our production complies with the standard EN 15821:2010

## Sauna stove (steel casing, upper plate stainless) heated through the wall

Sauna stove **model PT-216**

with heated area 8 -18 m<sup>3</sup>; stove height 73 cm.

Sauna stove **model PT-220**

with heated area 16-25 m<sup>3</sup>; stove height 81 cm.

### Standard product parameters:

- » without or with glass door (330 x 330 mm)
- » upper and back-side chimney connection
- » colour of casing: black
- » with or without opportunity to connect to water tank



## Sauna stove (angular net casing) heated from other room

Sauna stove **model ST-216**

with heated area 8 -18 m<sup>3</sup>; stove height 81 cm.

Sauna stove **model ST-220**

with heated area 16-25 m<sup>3</sup>; stove height 86 cm.

### Standard product parameters:

- » without or with glass door (330 x 330 mm)
- » upper-side chimney connection
- » with or without opportunity to connect to water tank





# SAUNA STOVES WITH TANKS



Sauna stoves with tanks are good choice for a cottage sauna, as it has a 40 l water tank. If you have a sauna near a lake or river where you do not have a proper water system -however you still want hot water, the sauna stove with tank is the right solution for you. This 40l tank will heat up quickly and provide you with warm bathing water. The tank can be made of stainless steel or ordinary steel. Tank is removable, so you can change it by yourself.

## Sauna stove with tank heated in the same room

Sauna stove **model P-11640** with heated area 8 -18 m<sup>3</sup>;  
stove height 73 cm.

Sauna stove **model P-12040**  
with heated area 16-25 m<sup>3</sup>; stove height 81 cm

### Standard product parameters:

- » without or with glass door (230 x 230 mm)
- » upper and back-side chimney connection
- » black colour of casing and upper edge from stainless steel
- » exchangeable 40-litre tank made from steel or stainless steel
- » tank lid from stainless steel



## Sauna stove with tank heated through the wall

Sauna stove **model P-11640** with heated area 8 -18 m<sup>3</sup>;  
stove height 73 cm.

Sauna stove **model P-12040**  
with heated area 16-25 m<sup>3</sup>; stove height 81 cm.

### Standard product parameters:

- » without or with glass door (230 x 230 mm)
- » upper and back-side chimney connection
- » black colour of casing and upper edge from stainless steel
- » exchangeable 40-litre tank made from steel or stainless steel
- » tank lid from stainless steel





# MINI SAUNA STOVES



Mini sauna stove is meant to be used for heating smaller sauna rooms and barrel saunas, these are intended for generating dry or moist steam. The sauna stove is equipped with three **double walls** (on sides and at the back), which enable to decrease the safety distances by half compared to our P-series sauna stoves. All stoves have chimney connection on top and glass door possibility (200x220 mm). All stoves comply with the requirements of European union and corresponding CE compliance certificate and are produced according to EN 15821:2011-01 in end of year 2013.

## Small sauna stove (steel casing) - heated in the same room

Mini heater **model PS-110 GL**  
with heated area 5 -12 m<sup>3</sup>; stove height 60 cm

### Standard product parameters:

- » glass door (200 x 220 mm)
- » upper chimney connection
- » black colour of casing



## Small sauna stove (steel casing) - heated through the wall

Mini heater **model PS-210 GL**  
with heated area 5 -12 m<sup>3</sup>; stove height 60 cm

### Standard product parameters:

- » glass door (200 x 220 mm)
- » upper chimney connection
- » black colour of casing





# OTHER STOVES



In addition to sauna stoves and their accessories we offer other wood burning products. For example cooking stoves, which are excellent heat source for holiday houses. Also we are manufacturing open and closed system water heaters, which are used in houses where do not have possibility to get hot water. This kind of water heaters are made according to EN 13240:2007

## Stove with closed system water tank

Stove **SO-110** with closed system water tank, with heated area 6 -10 m<sup>3</sup>.

### Standard product parameters:

- » water heater capacity (110 liters)
- » without or with glass door (230 x 230 mm)
- » thermometer for water pressure
- » chimney connection from top of the water heater



## Cooking stove

Cooking stove **C-120** for cooking and heating room, with heated area 20 -150 m<sup>3</sup>.

### Standard product parameters:

- » without or with glass door (230 x 230 mm)
- » opportunity to connect to water tank
- » back-side chimney connection
- » cast iron cooking plate
- » storage space for firewood



## Bathroom water heater with water tank

Bathroom water heater with open water tank **PO-110**.

### Standard product parameters:

- » water heater capacity (110 liters)
- » without or with glass door (230 x 230 mm)
- » back-side chimney connection



# SMOKING CHAMBERS AND BBQ



In 2008, we launched smoking chambers. Over the years, the smoking chamber has become very popular as well as received very positive feedback from our customers and therefore in year 2013 we began to produce a smaller version of the smoking chamber. We are also manufacturing classical barbecue grills with stainless steel grill net.

## Smoking chamber

The hot smoke smoking chamber is meant for fish, meat or chicken smoking. The chamber is suitable for a cottage or private country home. The smoking chamber design is double layered (sides and back) where the circulating heated smoke is kept at a consistent steady temperature. If the outside temperature happens to be low, the double layered system helps to avoid condensation water from accumulating.

**GSS-125:** inside two nets and the oil plate

**GSS-200:** inside four nets and the oil plate

### Standard product parameters:

- » thermometer
- » chimney with damper
- » can use to smoke: fish, meat, chicken etc.

## Barbeque grills

Classical barbecue grills are easy to use and easy to take it with you to camping.

### Standard product parameters:

- » different sizes:
  - 100x40x17cm
  - 70x30x17cm
  - 50x30x17cm
- » dismountable legs
- » from steel - thickness 3mm
- » height 90cm





# WATER HEATERS



Skamet OÜ manufactures different-purpose tanks: water heaters, accumulation tanks. They are made from steel or stainless steel. Standard water heater diameter is 45 cm and capacity 80 – 150 litres. We manufacture **closed system** water heaters that can be connected to water supply system, and **open system water** heaters that can be used non- pressurised. Production includes horizontal and vertical water heaters. All water heaters are recommended to be grounded.

## Water heaters for wood-burning stoves

Water heater **B-80 – B-150** for wood burning stoves.

### Standard product parameters:

- » capacity (from 80 – 150 liters)
- » horizontal (left or right outgoing pipes)
- » vertical (left or right outgoing pipes)
- » from steel - thickness 3 mm
- » from stainless steel - thickness 2 mm with anode diameter - Ø 450 mm



## Open water heaters for wood-burning stoves

Open water heater **BO-80 – BO-150** for wood burning stoves

### Standard product parameters:

- » capacity (from 80 – 150 liters)
- » left or right outgoing pipes
- » from steel - thickness 3 mm
- » from stainless steel - thickness 2 mm
- diameter - Ø 450 mm
- » in the bottom is the pipe nipple (1½ "), it is used to let out water

## Open water tank around the smokepipe

Open water tank around the smokepipe **BOT-25** and **BOT-25 RV** are mounted directly onto the stove.

### Standard product parameters:

- » tank diameter 300 mm
- » height: 650mm
- » capacity 25 liters
- » black or stainless steel
- » inner diameter of smokepipe: 115mm



# SAUNA STOVE ACCESSORIES

Skamet OÜ manufactures flue pipes in various diameter and size. In addition to straight flues we make elbows and gate valves for stoves and fireplaces. Walls of standard products are 1.2 mm thick. Products from thicker material are available on request. All pipes are made from steel. We offer a range of decorative plates and nets for flues that can be installed around flue pipes.

## Flue pipe

### Standard product parameters:

- » length (from 500 – 1000 mm)
- » diameter from 115 – 200 mm
- » thickness 1,2 mm



## Flue pipe damper

### Standard product parameters:

- » closes 100%
- » diameter from 115 – 200 mm
- » thickness 1,2 mm
- » handle length up to 160 mm – 500 mm



## Flue pipe elbows

### Standard product parameters:

- » length (from 300x300 – 400x1000 mm)
- » diameter from 115 – 200 mm
- » thickness 1,2 mm
- » knee degrees (90 – 135 grade)



## Beauty slat for sauna stove

### Standard product parameters:

- » made from stainless steel or steel
- » covers 30mm gap
- » ILU-200 and ILU-200 RV for PS series
- » ILU-230 and ILU-230 RV for P and S series
- » ILU-330 and ILU-330 RV for PT and ST series



## Net around flue pipe

### Standard product parameters:

- » length (from 250 - 800 mm)
- » diameter Ø 250 mm







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