

# SAUNAS

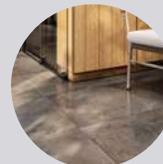


Regular sauna use reduces the risk of colds and strengthens the immune system. Even short sauna sessions help reduce stress levels. Sauna bathing ensures fast and complete muscle recovery after all types of training — both strength and cardio workouts.



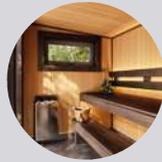
### STRUCTURE

Modular construction made of thermally treated timber



### FLOOR

Wood / porcelain stoneware tiles



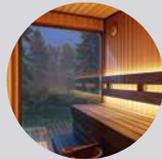
### GLASS

Premium-quality tempered glass



### INTERIOR FINISH

Premium Abachi wood, Lux grade



### FRAMES

Aluminum frames with an exclusive profile (lightweight and durable)



### ELECTRICAL SYSTEM

Electrical preparation compliant with IP-65 standard



### EXTERIOR CLADDING

Thermally treated Finnish pine used for façade cladding



### VENTILATION

Natural and/or forced ventilation system



### BENCHES

Premium Abachi wood, Lux grade



### ROOF

Finished with galvanised facade profile



# SAUNAS MATERIALS AND CONSTRUCTION

## EXTERIOR FINISHING INCLUDES:

- OSB boards (main advantage: geometric stability)
- Wind- and moisture-protection membrane Finka 160 Premium
- Roof and rear wall protected with Demir Line Clickfalz roofing panels. Panel thickness: 0.45 mm. Double galvanization



## LOAD-BEARING FRAME OF THE MODULAR SAUNA

Manufactured from first-grade thermally treated pine timber. Thermal modification of the wood is carried out at a temperature of 175°C.

### Key advantages of this treatment:

- Moisture protection (thermally modified wood absorbs and releases moisture evenly)
- Biological resistance (the wood is unattractive to insects)
- Geometric stability
- Natural moisture content of  $\pm 4\%$

## FINAL DECORATIVE EXTERIOR FINISH

Made of beveled planken boards from thermally treated pine (second-stage treatment at 190°C). Hidden fastening systems are used during installation.

## GLAZING

Panoramic windows are made from aluminum profiles with thermal break, using tempered double-glazed units (40–24 mm).

## LIGHTING

Exterior and interior lighting is executed using insulated LED strips designed to operate across a wide temperature range, including both high and low temperatures.

## INTERNAL WALL CONSTRUCTION

- Wall insulation — PIR insulation, 30 mm
- Roof insulation — PIR insulation 30 mm + XPS insulation 50 mm
- Floor insulation — XPS insulation, 50 mm



## DECORATIVE INTERIOR FINISH

Interior wall cladding and benches are made from premium Abachi wood (Lux grade).

## FLOOR FINISH

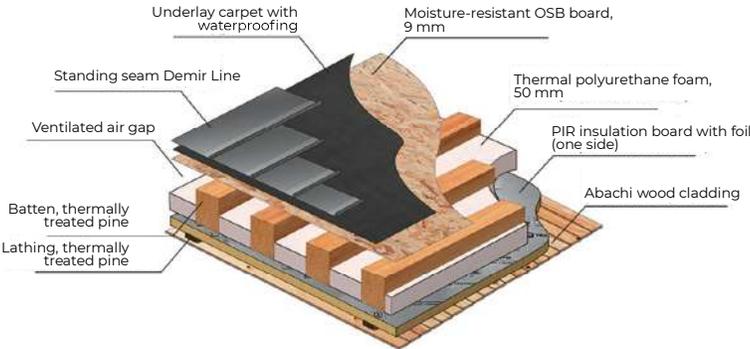
Wooden floor — standard configuration  
Optional floor finish: Porcelain stoneware tiles 60 × 60 cm, thickness 8 mm. Installed on cement-bonded particle boards (CBPB) with prior waterproofing  
Cove base skirting made of porcelain stoneware installed around the full perimeter



# ROOF, WALL, AND FLOOR STRUCTURE FOR THE MODULAR SAUNA COLLECTION

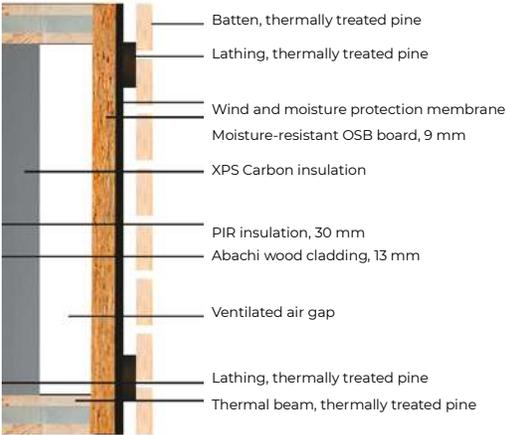
## ← ROOF CONSTRUCTION

The roof is made of a galvanized Demir Line steel profile with a thickness of 0.45 mm, finished in RAL 7016 color. All profile joints are fully sealed to ensure complete watertightness. A waterproofing membrane is installed beneath the steel profile to prevent water leakage. The profile is fixed to an OSB panel, which provides overall structural rigidity, and the OSB panel is securely mounted to the main sauna frame. XPS insulation is installed between the frame sections, while the thickness of the structural timber creates a ventilation gap that allows proper roof airflow. A PIR insulation layer is applied next, forming a highly efficient thermal envelope. The construction is completed with a decorative interior finish made of premium Abachi wood, ensuring both thermal comfort and a refined interior appearance.



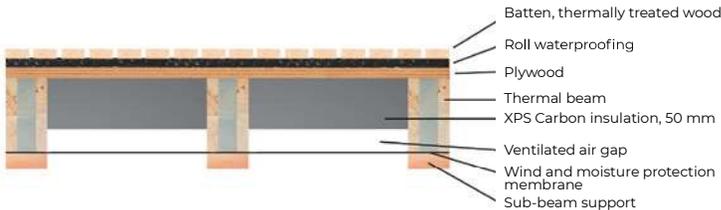
## → WALL CONSTRUCTION

On the exterior side, the walls are clad with a galvanized Demir Line steel profile with a thickness of 0.45 mm, combined with thermally treated pine planks. A vapor- and wind-protection membrane is installed beneath the exterior cladding to protect the structure from moisture and airflow. The steel profile is mounted onto an OSB panel, which provides overall structural rigidity, and the OSB panel is securely fixed to the main sauna frame. XPS insulation is installed between the frame sections, while the thickness of the structural timber creates a ventilation gap that allows proper air circulation within the wall structure. A PIR insulation layer follows, forming an efficient thermal envelope that ensures maximum heat retention. The construction is completed with a decorative interior finish made of premium Abachi wood, delivering excellent thermal performance and a refined interior appearance.



## ← FLOOR CONSTRUCTION

The sauna floor is a solid structural base made of thermally treated pine. XPS insulation is installed between the frame sections to provide maximum thermal protection against cold coming from the ground. A layer of moisture-resistant plywood is laid over the base, followed by a high-performance waterproofing layer. The final floor structure depends on the selected finish. In the wooden floor option, floorboards are installed on pre-mounted battens. In the porcelain stoneware tile option, two layers of cement-bonded particle boards (CBPB) are installed, coated with tile adhesive, and finished with porcelain tiles, ensuring durability, moisture resistance, and long-term performance.



**MODULAR COLLECTION**



# KEY ADVANTAGES OF MODULAR SAUNAS



## THERMALLY MODIFIED WOOD

The load-bearing frame is made of thermally modified wood, ensuring excellent geometric stability, biological protection (no insects, mold, fungi, or wood-boring pests), and reliable moisture resistance.



## MINIMAL WEIGHT

Compared to competitor products, PolarSpa modular saunas have a significantly lower weight, achieved by using thermally modified wood not only for decorative finishes but also for the structural frame.



## HIGH ENERGY EFFICIENCY

The use of innovative materials and PIR insulation, which forms a complete thermal envelope (walls, floor, and roof), creates a “thermos effect” that retains heat inside the sauna. As a result, the sauna consumes less electricity and cools down slowly.



## PRECISION ASSEMBLY

Our signature strength. Every joint is precisely fitted, cuts are clean and accurate, and all fasteners are neatly concealed.



## PRACTICALITY (TRANSPORTATION, INSTALLATION, TIME)

- The sauna is delivered fully assembled and designed with dimensions suitable for transportation on standard trucks, trailers, or containers. Specially engineered lifting points allow safe handling by cranes and manipulators.

- The relatively low weight significantly reduces transportation costs, as pricing depends not only on volume but also on weight.

- Lower weight also reduces the cost of installing pile foundations for the sauna.



## DERN DESIGN

The sauna design follows a minimalist approach — nothing unnecessary, only functional and well-thought-out solutions.



## ENVIRONMENTAL FRIENDLINESS

Thermally modified wood is naturally unattractive to insects and does not require additional chemical treatments, unlike untreated wood, which needs regular chemical protection during operation to withstand environmental exposure and pests.



**POLARSPA MODULAR SAUNAS —  
MINIMALIST DESIGN WITH MAXIMUM  
PRACTICALITY AND COMFORT**



## DESIGNED FOR SMALL PLOTS

Modular saunas are specifically developed for installation on limited-size plots. Thanks to their compact dimensions, the dream of having a full-featured sauna becomes achievable even in small spaces.

# M1

The smallest sauna model in the PolarSpa range. Its compact dimensions allow installation almost anywhere — even on balconies and terraces of apartment buildings. The small internal volume allows the sauna to reach operating temperature in minimal time. The design includes panoramic glazing and an entrance door. The construction supports electric heaters only. To ensure a comfortable microclimate, the sauna is equipped with a natural ventilation system for the steam room.



## SPECIFICATIONS

Overall dimensions (L × W × H) .....	1500 × 2300 × 2550 mm
Sauna volume.....	7 m <sup>3</sup>
Heater type .....	Electric, up to 9–12 kW
Interior finish material.....	Abachi wood, natural color
Exterior finish material.....	Thermally treated pine
Exterior color options.....	Natural / Dark / Black
Floor material .....	Wood / Porcelain stoneware
Window and door frame material.....	Aluminum
Electrical control panel .....	Included

## OPTIONS

- Exterior LED lighting
- Floor drain
- Porcelain stoneware floor
- Tinted glass

# M2

The most popular sauna model by PolarSpa. Despite its compact external dimensions, it offers a full steam room volume of approximately 8–8.5 m<sup>3</sup>. The design supports both electric and wood-fired heaters. A large panoramic window allows you to enjoy views of your outdoor space while bathing. A natural ventilation system ensures a comfortable and stable microclimate inside the steam room.



## SPECIFICATIONS

Overall dimensions (L × W × H) .....	2250 × 2300 × 2550 mm
Sauna volume.....	8.5 m <sup>3</sup>
Heater type .....	Electric up to 9–12 kW / Wood-fired
Interior finish material.....	Abachi wood, natural color
Exterior finish material.....	Thermally treated pine
Exterior color options.....	Natural / Dark / Black
Floor material .....	Wood / Porcelain stoneware
Window and door frame material.....	Aluminum
Electrical control panel .....	Included

## OPTIONS

- Exterior LED lighting
- Floor drain
- Porcelain stoneware floor
- Tinted glass

# M4

The M4 is a mid-size PolarSpa sauna model. This layout adds an additional room, which can be used as a shower area or a relaxation room (changing vestibule). A key advantage of this model is its compact footprint combined with high functional efficiency. When a shower cabin is installed, the sauna can be equipped with a water-based electric heater. The design supports the use of both electric and wood-fired heaters. To maintain a comfortable microclimate, the sauna is fitted with a natural ventilation system for the steam room. A large panoramic window allows you to enjoy views of your property while bathing. In addition, a rapid ventilation window is provided.



## SPECIFICATIONS

Overall dimensions (L × W × H) .....	4200 × 2300 × 2550 mm
Sauna volume.....	8.5 m <sup>3</sup>
Heater type .....	Electric up to 9–12 kW / Wood-fired
Interior finish material.....	Abachi wood, natural color
Exterior finish material.....	Thermally treated pine
Exterior color options.....	Natural / Dark / Black
Floor material .....	Wood / Porcelain stoneware
Window and door frame material.....	Aluminum
Electrical control panel.....	Included

## OPTIONS

- Exterior LED lighting
- Floor drain
- Porcelain stoneware floor
- Tinted glass

# M6

The M6 is a large PolarSpa sauna model. The additional space can be used for a bathroom and a relaxation room. Despite its increased size, the model retains excellent compactness and practical functionality. The design supports the use of both electric and wood-fired heaters. To ensure a stable and comfortable microclimate, the sauna is equipped with a natural ventilation system for the steam room. A large panoramic window allows you to enjoy views of your outdoor area while bathing. The sauna is also equipped with a rapid ventilation window.



## SPECIFICATIONS

Overall dimensions (L × W × H) .....	6000 × 2300 × 2550 mm
Sauna volume.....	8.5 m <sup>3</sup>
Heater type .....	Electric up to 9–12 kW / Wood-fired
Interior finish material.....	Abachi wood, natural color
Exterior finish material.....	Thermally treated pine
Exterior color options.....	Natural / Dark / Black
Floor material .....	Wood / Porcelain stoneware
Window and door frame material.....	Aluminum
Electrical control panel .....	Included

## OPTIONS

- Exterior LED lighting
- Floor drain
- Porcelain stoneware floor
- Tinted glass

# COMBO COLLECTION



# BEST ARCHITECTURAL SOLUTIONS WITH MAXIMUM PRACTICALITY



## PERFECT "THERMOS" EFFECT

The monocoque, multi-layer combined construction of the walls, floor, and ceiling allows the sauna to retain heat for the longest possible time.



## ENERGY EFFICIENCY

The "thermos" construction significantly reduces energy consumption, whether using electric heaters or firewood.



## FAST START-UP

Thanks to its highly efficient thermal envelope, the sauna reaches operating temperature in the shortest possible time.



## TRANSPORT ACCESSIBILITY

The overall dimensions of all saunas are designed to fit standard logistics solutions, helping optimize delivery and transportation costs.



## DESIGNED FOR SMALL PLOTS

COMBO modular saunas are developed specifically for small land plots, townhouses, and country homes, where space efficiency is essential.



## UNIFIED DESIGN

Placing the sauna and tub under one roof is a fresh PolarSpa solution for your home. The entire complex is designed in a single architectural style and integrates seamlessly into the overall design of your property.

# COMBO 4

A compact combined unit that includes a covered veranda designed for installing a small tub. The veranda is equipped with integrated lighting. The sauna module can be either M1 or M2, depending on your preference. Combined units allow the sauna and tub to be placed compactly under one roof, creating a functional and visually cohesive spa area.



## SPECIFICATIONS

Overall dimensions (L × W × H) .....	4200 × 2300 × 2550 mm
Sauna volume.....	7 m <sup>3</sup> (M1) / 8.5 m <sup>3</sup> (M2)
Heater type .....	Electric up to 9–12 kW / Wood-fired
Interior finish material.....	Abachi wood, natural color
Exterior finish material.....	Thermally treated pine
Exterior color options:.....	Natural / Dark / Black
Floor material .....	Wood / Porcelain stoneware
Window and door frame material.....	Aluminum
Electrical control panel:.....	Included
Space for tub.....	Up to 1 m (STANDART / CORNER tubs)

## OPTIONS

- Exterior LED lighting
- Floor drain in the sauna
- Porcelain stoneware flooring
- Tinted glass