

STEAM BATHS 2011



helo

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HELO Genuine Steam

The joys of steam bathing have been known and appreciated for as long as sauna has existed. Romans understood the rewards of a rich moist steam cleanse, both for hygiene and the feel of soft, silky smooth skin afterwards. Finns too have taken advantage of the purifying qualities of steam over the years, treasuring a daily bath to unwind tight muscles, stimulate blood flow and re-emerge whole once more.

At Helo, we pride ourselves on the innovation and design of our steam generators. Dependable, quality focused, energy-saving and above all, producing a faultless high humidity climate for genuine relaxation and refreshing. Discover the difference a genuine Helo-powered steam bath can provide at your home or business. Use the handy planning tips in these pages, consult your nearest Helo dealer or visit our website at helo-sauna.de.





Water at its purest

Steam is a natural state of water, the origin of life and closer to us than any other element. Thousands of years ago, people generated steam with the help of glowing stones. They trapped the steam in their tents, bathing in its pure clouds for hygiene, relaxation and spiritual rites.

Throughout history and even today, these traditions continue and our fascination with them has increased. Now more than ever, we long for a refuge from our technical world. We are constantly searching for a place to escape our bustling everyday lives; a place where we can relax and spoil ourselves.

Pure and natural, ancient yet modern, the steam bath is our oasis.

Look better, feel better

A steam bath increases personal well-being, its gentle heat melting muscle tension and soothing aches. Basking in its persistent, even warmth improves blood circulation. The body responds with a healthy, purifying sweat that flushes toxins and cleanses pores. The effect can even delay skin ageing. Yet even with the healthful stimulation, the cardiovascular system is not stressed. For respiratory illnesses, steam has a positive influence on the healing process. It loosens airways and helps against hay fever, colds and bronchitis and can even have a positive overall effect on the immune system. In short, regular visits to your steam bath is one of the single best ways to treat yourself to better health.

Spoil yourself top to toe

Regular steam bathing has both medical and cosmetic advantages. Your body is covered in a light, soothing layer of warm water. The pores open and soak in an extra portion of this humidity, hydrating, softening, and making skin smooth. Your pores are cleansed and de-toxified, while dead skin particles are washed away.

COMPARING SAUNA AND STEAM

A preference for sauna or steam comes down to individual choice. However, each delivers its relaxing, health-giving benefits in different ways. The climate in a steam bath, for instance, is usually around 45°C—considerably cooler than a sauna. Instead, humidity is much higher, almost 100%. This means less sweat evaporates from the skin's surface. Instead, it forms an insulating layer that keeps body temperature even higher than in a sauna.



Luxury model VAPE

A luxurious, relaxing daily steam bath at home has never been easier with VAPE. A range of 55 individual models means almost any space can be converted into a personal wellness centre. You can also ensure a good fit with your home decor with a wide variety of door choices, including size, shape and hinging. Clean, modern, always tempting... your VAPE steam cabin is a daily invitation to relax and rejuvenate in splendid solitude or with family and friends.



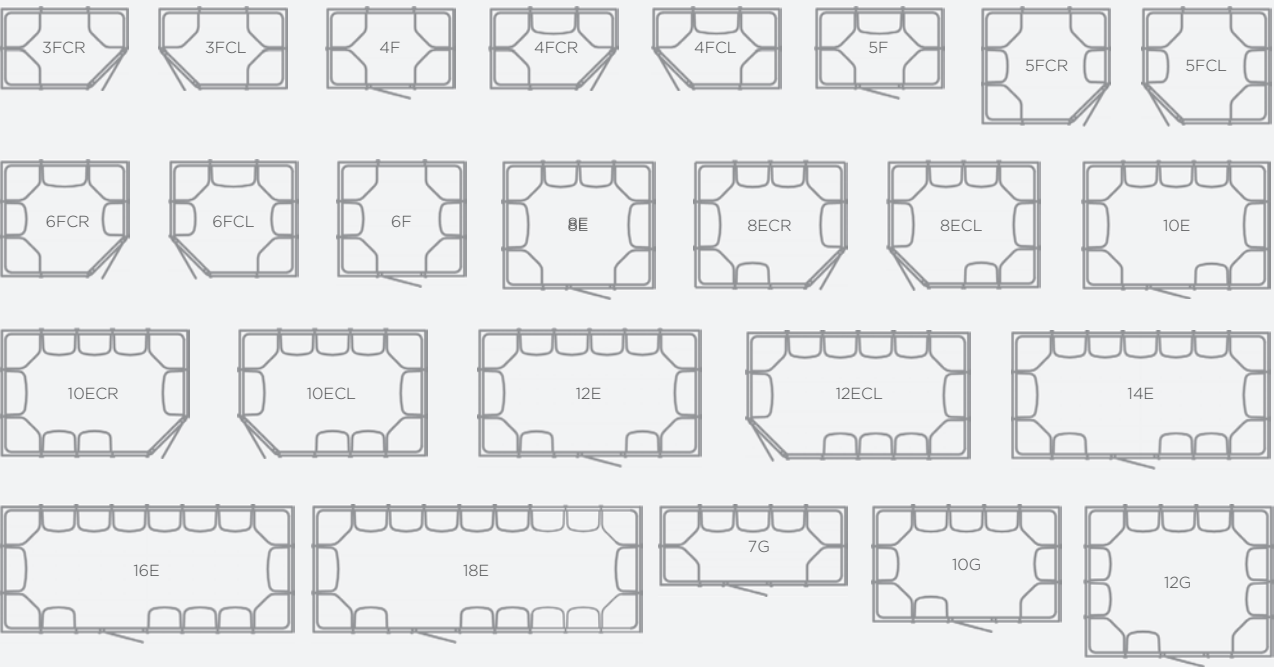
How does your private spa look?

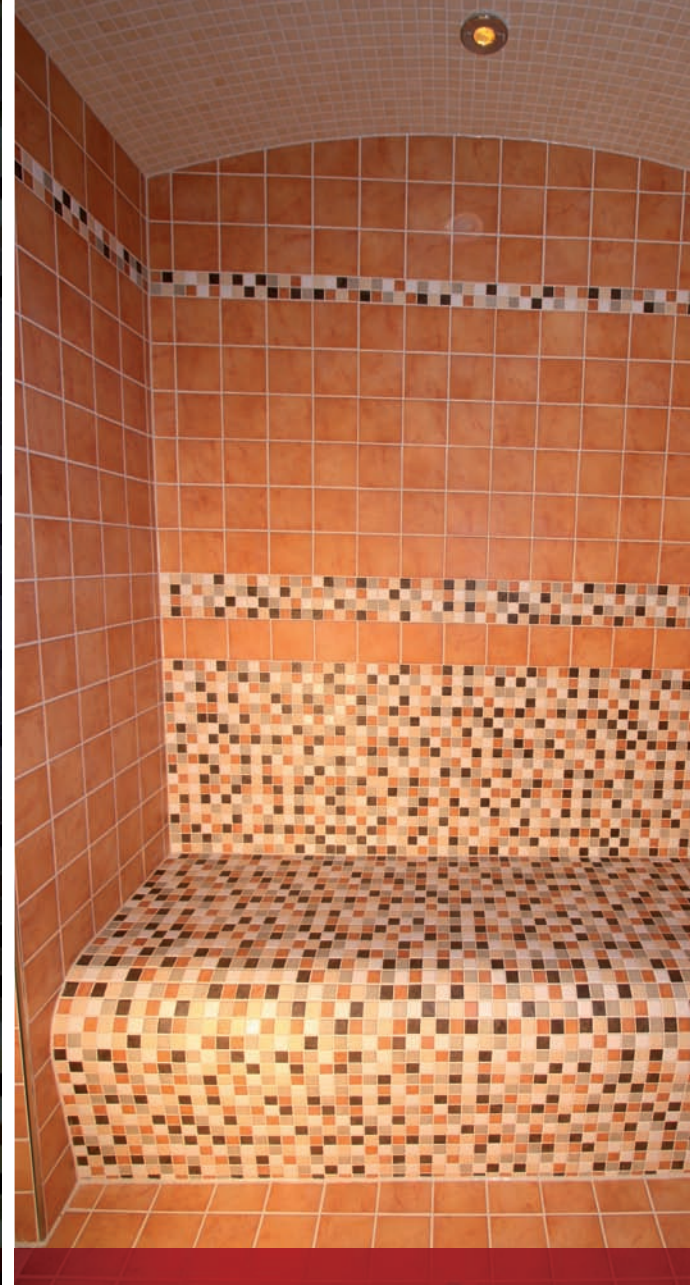
VAPE lets you enjoy the benefits of daily steam bathing—once only available at public baths and clubs—in the comfort and privacy of your own home. Thanks to compact and powerful generators, innovative materials and the know-how we’ve gained becoming the world leader, we can develop your in-home spa to meet your exact requirements. Your Helo dealer will be happy to help advise on cabin choice, decor or with any other question. They will also take care of the assembly and technical support.

- + 4 mm hygienic acrylic interior moulding
- + EPS reinforced seats for long-lasting comfort
- + Easy-clean high-gloss white interior finish
- + Pore-free surface for maximum hygiene
- + Doors designed for private and commercial use



EXAMPLES OF LAYOUTS





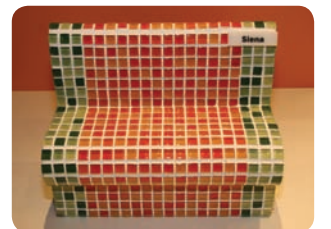
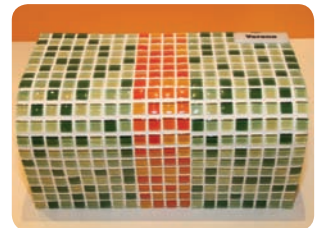
Endless possibilities...

Lightweight, top quality hard foam steam cabins are easy to plan for, purchase and install. Whatever your preference and home decor, you can always find a solution that will fight right in.

- + Innovative impact-resistant foam shell is light yet extremely stable
- + 100% waterproof
- + Special insulating properties trap heat and humidity for maximum comfort
- + Steam resistant walls and fixtures ensure easy cleaning and many years of problem-free enjoyment
- + Special slip-proof surface is an ideal base for tiles and plaster in your choice of colour and style



Decorate in many different ways.



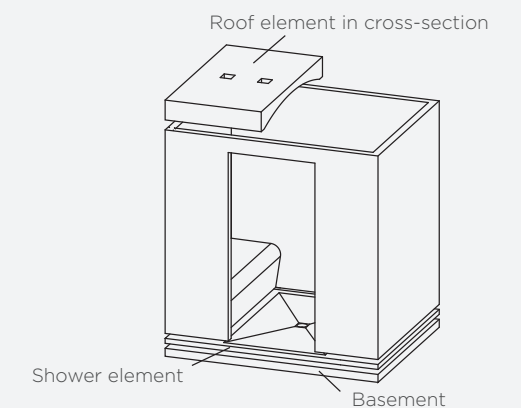
Hard foam cabins - Variety with no limits

Close your eyes and imagine the perfect home spa centre. Perhaps a unique steam cabin with a tunnel or dome roof. A creative bench layout and personal, one-of-a-kind colour styling. Why not go even further, adding infrared cabins, showers, whirlpool or sauna...

Now open your eyes and let your interior designer out—with hard foam steam cabins from Helo. Modern or classic styling, in almost any conceivable form, size or layout, hard foam steam cabins from Helo make it easy to bring your own dream spa ideas to life.

■ YOUR SPA, YOUR WAY

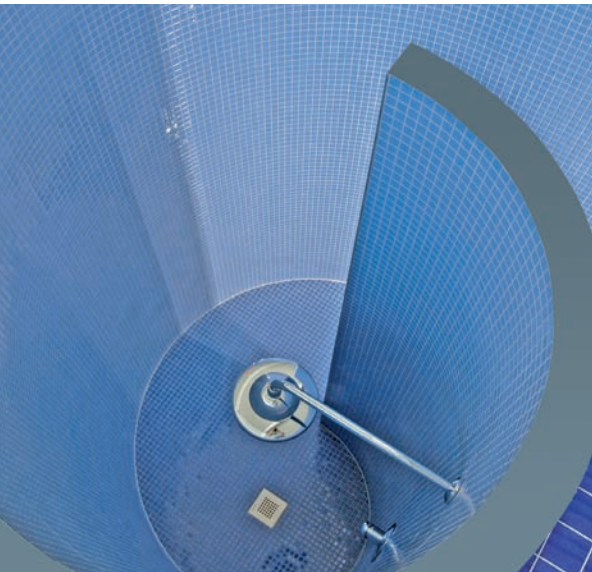
The hard foam steam bath shell is delivered to your ready for installation. Then it's ready for your personal touch—how the interior tiling and outer styling are finished is up to you, and will be applied on-site. The technical equipment and steam generator at the core of the steam bath will be provided by your Helo specialist dealer. They will also advise you on the appropriate assembly and installation of the technology.





Think outside the box

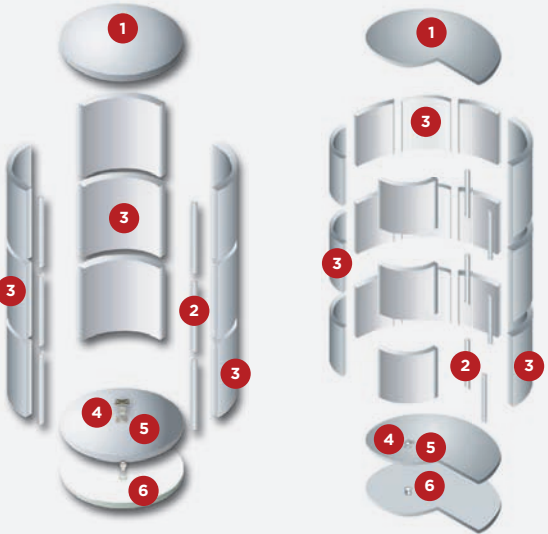
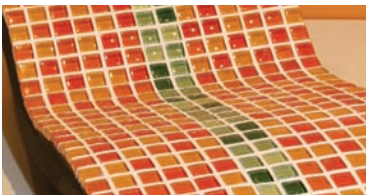
Because it's a modular system, you have many more options with a hard foam steam bath from Helo—including its shape. If strict squares and rectangles aren't your thing, think round, domed, curved, coiled... The opportunities for individual creativity are what make our hard foam cabins so attractive. You decide what works for you, we'll deliver your choice in hard foam modules. Once the cabin is set up, the tiles and fittings you've chosen to suit your room decor will be installed on-site.



Modular means more options

When your hard foam steam cabin arrives, it will be separated into modules. Each individually crafted piece is made from the same innovative, top quality material, precision manufactured for years of long-lasting service and ease of installation.

Individual modules are engineered to mount near-seamlessly with each other, minimising bumps and protrusions and creating a sleek, blemish-free shell. The cabin is 100% water- and leak-proof, trapping steam and maintaining temperatures at perfect bathing levels. Your Helo dealer will help with the completion of your private in-home steam spa, ensuring an exceptional bathing experience from day one.



The elements will be delivered fragmented and the separate elements will be joined together on site.

- 1 roof element*
- 2 end profile*
- 3 element module
- 4 construction elements nozzle for drain in floor (vertical or horizontal)*
- 5 shower element
- 6 base element*

*= Optional accessories

STEAM TECHNOLOGY

Powerful, reliable and proven:
Top quality steam generation for commercial cabins

■ THINGS TO CONSIDER WHEN PLANNING A STEAM BATH

- The cabin floor must be tiled to prevent leaks and for ease of cleaning
- The drain must be installed in the middle of the cabin
- The cabin needs an air vent
- 400 V power supply
- If the water in your area is hard (above 5° dH) and in commercial environment, a water softening device must be added
- A pressure release valve must be positioned towards an open (exterior) space
- Cold water mains supply with 1/2" or 22 mm connection (thread)
- Water pressure in to the steam generator must be no less than 2,5 bar but not exceed 5 bar
- A minimum of 60 cm space is needed between all exterior cabin walls and surrounding room walls



The required heating power of the steam generator is calculated by the following formula: room volume in m³ x K1 x K2*

	K1	K2
vented cabin	0.75	
non-vented cabin	0.52	
VAPÉ cabin		1
Light construction (tiles on hard foam)		1.25
Strong construction (tiles on porous concrete)		1.50
Full-massive construction		2

* K = thermal transmittance value
** requires additional heating in the cabin, e. g. heated benches, heated floor or walls

■ HLS STEAM GENERATORS

- 1 mm stainless steel water tank, non-corrosive
- Volume 5.5 litres
- electronic regulation of water level
- Multi-voltage 3-phases/1-phase
- Modern, compact design/body kept very flat
- Installation hanging on wall or standing up
- Easy maintenance and service
- Easy access to water tank from above
- Heating coils are replaceable separately, thermo-fuses for additional security
- Up to 4 x 14 KW generators can be connected to 1 control unit
- Digital control, external with LED display
- Auto Clean Kit for automatic drainage (optional)
- Special heating elements with non-stick coating
- Compatible with control unit VAPÉ



Model HLS

■ HNS STEAM GENERATORS

- 1 mm stainless steel water tank, non-corrosive
- Volume 5.5 litres, electronic regulation of water level
- Multi-voltage 3-phases/1-phase
- Installation hanging on wall or standing up
- Easy maintenance and service
- Heating coils are replaceable separately, thermo fuses for additional security



Model HNS

■ CONTROL UNITS - HNS



T Control
Available from spring 2011



■ CONTROL UNITS - HLS



T HELO CONTROL UNIT

- Flat mounting inside or outside the steam room
- Time, temperature and on/off display
- Settings for time presets, temperature, language and light
- LCD display with brightness control and sleep function

ON/OFF

- Installation inside or outside the steam room
- 30 minutes fixed running time
- LED indicator light
- 2-step temperature control
- Temperature high limit with separate sensor (50 °C)

MIDI

- Low voltage
- Mounting inside or outside the steam room, surface, thickness 0,8 cm
- Built-in temperature sensor, used when inside the steam room
- External temperature sensor possibility to monitor steam room temperature from outside the cabin
- Time display and programming (4 hours operating time)
- Temperature display and programming (4 hours operating time)
- 2-step temperature control
- Lighting control
- Automatic cleaning program (Auto-Clean)
- Alarm functions
- Connection cable length 5 m
- Optional temperature sensor, 5 m cable
- Size 185x55x8 mm (wxhxd)

- Installation possible inside or out, very flat
- Controls time preset, temperature, air vent, lights, essence pump
- 4 individual programmes
- Alarm function
- LED display

- Flat installation possible externally or in plant room
- Controls time preset, temperature, air vent, lights, essence pump, sole pump, light colours
- 4 programmes
- LCD Display

■ AUTO-CLEAN KIT (OPTIONAL)



- Automatically drains water tank after every use, reducing limescale and minimising downtime for service
- Includes connecting cable
- Easy installation

■ LED LIGHT SYSTEM



- Enables changes to light colour, includes a control switch

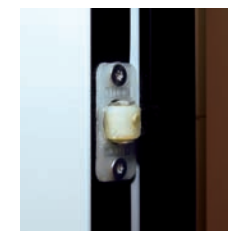
■ STEAM OUTLET with protection cover



The steam outlets are positioned throughout the cabin to provide effective distribution of steam. For all steam cabins, we can design and install an exterior design fitted with additional devices (e.g. essence pump). You can also choose an integrated cleaning system (as an option) for the outlets. The system can be upgraded at any time.

■ STEAM BATH DOORS

In aluminium profile. powder-coated in white, with special sealing, 8-ESG Glass alternatively in clear or tinted glass/ available for private (with threshold) or commercial (without threshold) environment. Detail pictures show door hinge and dook lock.



■ HIGH-PRESSURE VALVE



- Secure and reliable
- Pre-installed and highlighted in red for maximum visibility

■ STEAM BATH LIGHT UNIT



- Ceramic with frosted bulb glass cover

