

PRODUCT CATALOG









PURE SAUNA

We live by the "Pure Sauna" motto. Not only are we committed to providing the finest products for the best sauna experience, we stay true to our authentic Finnish roots and our commitment to nature and the environment.



The world moves on outside the walls of your Finnleo sauna. But within, a gentle yet persistent heat makes its way to your core. The day's stresses melt away as you let yourself go in the wash of comfort. There are no distractions. You can think, feel, be yourself once again.

These walls represent the finest quality construction and European design. This sauna looks as good as it feels. In here, inspired aesthetics and engineering quietly combine to offer welcome refuge. A genuinely simple pleasure you

are free to enjoy time and time again.

Our wood comes from sustainable certified forests. Additionally our heater factory is ISO-9001 and ISO 14001 certified for quality and environmentally sound practices.



Making the Relaxation-Fitness-Wellness Connection



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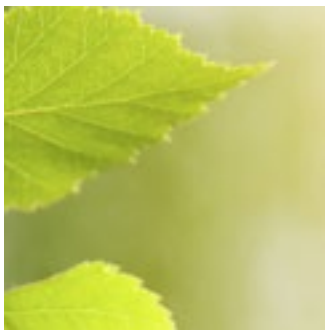
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Western Red Cedar interior with heat-treated European Alder highlights on backrest and bench fronts.

BETTER LIVING THE FINNLEO WAY

Finnleo is TyloHelo World Group, the largest sauna and steam bath company in the world, with a history dating back to 1919 when the company was established in Wyborg, Finland. The Finnleo experience is as genuine as it gets, because our saunas are designed to deliver the same simple, uncomplicated pleasure people have been enjoying for thousands of years. There is the solid comfort knowing we use responsibly-sourced wood from northern forests. Our heating engineering is based on tried and true principles of our authentic Finnish roots. We call it pure sauna, and with Finnleo you can enjoy it in the comfort of your own home as often as you like.



DESIGN

True to our roots, Finnleo invests heavily in ensuring the Scandinavian design aesthetic and overall sauna experience is reflected in all our products. Finnleo's "Tonttu" series of sauna heaters and interior solutions, for instance, were developed in collaboration with world renowned industrial designers Ristomatti Ratia and Esa Vapaavuori.

The Saunatonnttu heater revolutionized possibilities for interior sauna design, allowing innovations such as raised platforms with the heater rising through them to benches wrapped around the heater. The Tonttu heater series is characterized by its adherence to the uncluttered feel, freshness and casual elegance of Scandinavian design.

The collaboration has also led to stunning interior solutions never before seen in traditional saunas. Their aesthetic purity and clean lines epitomize the highest standards of Scandinavian design, enhancing the pure sauna experience. The new interiors have completely changed the way saunas look and how they can be used and enjoyed.



FINNISH MODERN DESIGN AT ITS VERY BEST

For the Tonttu series Finnleo teamed up with world-renowned Finnish designer Ristomatti Ratia. The result is truly innovative - a stunning blend of form and function. Incorporating patented design and using space age insulation technology combined with dramatic rounded forms it offers new possibilities in sauna room design.

QUALITY

When you choose Finnleo, you are ensuring only the very highest level of commitment to quality will become part of your home. We work on the principle that quality is important to even the smallest detail. This is your assurance that only the best materials, design and production processes are used in creating your pure sauna experience.

As a TyloHelo World Group company, Finnleo has the largest and most advanced sauna and heater manufacturing plants in the world. In addition, we have the most extensive research and development program of any sauna manufacturer — to provide you with products that are innovative, yet true to the genuine traditions of sauna and bathing.

All Designer, Sisu, Outdoor, Patio and Custom Cut sauna rooms are proudly manufactured in the USA.

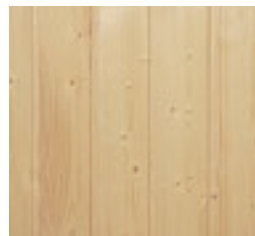
PRODUCT RANGE

Finnleo is the market leader and has the most complete line of traditional and infrared saunas. From entry level portable saunas, to deluxe saunas with custom lighting, custom benching and multiple wood choices and styles, Finnleo has a solution for every taste and budget.

Finnleo design and quality is evident throughout our product lines. We are proud to be able to offer the widest range of exclusive features and options, letting you stylize the interior and exterior to suit your home and decor. What's more, help with planning, sales, installation and service are simply a phone call away. With Finnleo, it is easy to shape a pure sauna experience that is exactly right for you.



Canadian Hemlock



Nordic White Spruce



Clear Western Red Cedar



RELAX

Modern living is complicated. We have had to become experts in time and stress management. Our work is more demanding, our home and life responsibilities more challenging than any previous generation.

At Finnleo, we believe this only makes the case for owning a sauna—and taking advantage of its purifying comfort daily—even more important. A few minutes of deep, soothing heat melts away the day's stresses. We emerge relaxed, revived and ready for whatever the day may bring.

In here, we can share a few precious moments with those closest to us. Let conversation flow freely. Or simply give ourselves a chance to breathe, to slow down and reflect, to help ourselves be better by feeling better.





HEALTH

Much has been made of the health benefits of sauna bathing. With good reason. Physically, nothing is more reinvigorating than a deep, healthy sweat every day.

Tension fades. Muscles unwind. Toxins are flushed from your body. You get a cardiovascular workout as blood vessels dilate and your heart rate increases, burning calories. Natural chemicals are released—endorphins—reducing mental stress, soothing sore muscles and joints, and inducing a deeper sleep. Skin is cleansed of bacteria, and dead cells are replaced—leaving you with a soft, glowing appearance.

A few minutes a day is all it takes to look and feel better. The body's response to gentle, persistent heat is well-documented and proven. Which is why more and more doctors are recommending its purifying benefits.

BENEFITS

Saunas relieve stress. The heat from the sauna stimulates the release of endorphins. Endorphins are the body's all-natural "feel good" chemical, and their release provides a truly wonderful "after sauna glow."

Saunas relax muscles and soothe aches. Heat-stimulated endorphins can have a tranquilizing effect, minimizing muscle pain and soreness. Heat also increases blood flow, speeding up the body's natural healing process.

Saunas flush toxins. Deep sweating in a sauna can help reduce levels of lead, copper, zinc, nickel, mercury and chemical - toxins commonly absorbed just from interacting with our daily environments.

Saunas cleanse skin. When the body sweats, skin is cleansed and dead skin cells are replaced - keeping your skin in good working condition.

Saunas can help you sleep better. Research shows the slow, waning effect of declining endorphins after a sauna can facilitate sleep.

Saunas improve cardiovascular performance. As core body temperature rises, cardiac output increases. When we cool off again, the heart rate drops, giving our hearts a healthy workout that improves performance and helps the body's regulatory system.

Discover more healthy benefits of the Finnleo pure sauna experience at <http://www.finnleo.com>





INTERIOR AND EXTERIOR SOLUTIONS



**finnleo**[®]
pure sauna



6' D x 7' W Deco sauna; lighting in backrest, optional smoked glass heater surround/bench insert.

DECO

Deco takes the art of interior sauna design to new heights. Conceived by acclaimed Finnish designer Esa Vapaavuori, Deco's inviting aesthetics and intelligent comfort can be formatted to almost any sauna room layout. Clean, fresh and smart, Deco is a marriage of tradition and innovation you will look forward to taking comfort in daily.

INVITING BY DESIGN

Deco interiors seduce not only by their look and feel, but by their flexibility and ease of maintenance. Available for any sauna room 5' x 6' or larger, Deco benches and wall finishes come in your choice of Nordic White Spruce/Abachi, Canadian Hemlock/Abachi, or Western Red Cedar.

Benches were designed to provide you with as many interior placement options as possible. Smart features include interchangeable, furniture-quality sections that can be adapted for sitting or lying in the upper benches, and a wall-to-wall middle platform with a liftable section for easy cleaning underneath.

For maximum comfort and visual appeal, Deco includes custom back rests for both side and back walls. And while Deco was purpose-designed for Tonttu heaters, you can still choose other Finnleo wall or floor heaters if you prefer.

Deco is also open to additional personal touches, such as options for a subtle fiber-optic lighting system integrated into backrests.



6' d x 7' w Deco sauna, LED lighting in backrest. Bowl by others.



CAD examples shown above show the variety of bench layout options in a 6'x7' sauna room. Finnleo-Deco systems are available in a wide range of room sizes and layouts. Call Finnleo for design assistance.

THE INTERIOR SYSTEMS INCLUDE DECO DESIGN DETAILS SUCH AS

- Furniture quality benches on a wall-to-wall platform
- Moveable bench sections to create maximum flexibility for sitting or lying down
- Middle platform section tilts up for easy cleaning of floor
- Optional low voltage lighting system integrated into the custom backrests and water bowl
- Optional Deco glass water bowl with faucet
- Available in a wide range of Finnleo Saunas, including modular sauna rooms and Custom Cut sauna rooms
- Bench layout/design can be customized to fit desires of the end-user
- Available in Nordic White Spruce/Abachi (standard), Canadian Hemlock/Abachi, or Western Red Cedar



Seaside interior in wide-board Hemlock; stone wall accent; Pikkutonttu heater

INTERIOR AND EXTERIOR SOLUTIONS

One size definitely does not fit all at Finnleo. We know your sauna is a personal retreat, and that the pure sauna experience is shaped in large part by the comfort and decor details you choose. That's why Finnleo has a wide range of high quality options that let you design the exact right sauna for you.

THE ONLY LIMIT IS YOUR IMAGINATION

Choose from deluxe interior and exterior upgrades such as all-glass front saunas, Deco interior systems, deluxe interiors, exclusive European sauna wood species, luxurious contrasting wood colors, curved glass doors and windows, sound systems, user-friendly digital controls, heater designs....

These are just some of your options. These and others shown throughout this catalog are available for most Finnleo traditional saunas. And thanks to our custom manufacturing capabilities, no idea you have is too big or too small to explore—simply contact us and we'll be happy to help make your dream sauna come true.



Serenity interior with contoured benches, foot rest rail, dark accents of heat-treated European Alder



Western Red Cedar interior with heat-treated European Alder highlights.

DELUXE INTERIOR

Contemporary European design and elegance are the hallmarks of the Finnleo deluxe sauna interior. Most sauna designs can be configured with Serenity and Seaside interiors. These sauna interior options include design features such as:

Serenity

- Contrasting, elegant two-tone abachi, heat treated Alder benches and backrests
- Built-in footrests for lounging

- Curved ergonomic main upper bench and backrest
- Built-in low voltage LED backrest lighting

Seaside

- Relaxing Seaside moveable bench
- Wide board or regular platform with heater wrap around for elegant look
- Optional rock wall on one or two walls
- Low voltage puck lighting
- Optional wide-board tongue and groove walls



"Latte" interior upgrade with biodegradable oil-rubbed Western Red Cedar with Abachi highlights; Pikkutonttu heater and low voltage lighting.

SUNBURST INTERIOR

Contemporary European design and elegance are the hallmarks of the Finnleo Sunburst sauna interior. An option for any Finnleo sauna 6' x 6' or larger, this stunning interior is handcrafted from beautiful Abachi wood, and includes design features such as:

- Dramatic "sunburst" corner with wedge-shaped Abachi boards fanning out from the bench front to the back corner
- Curved bench fronts, curved bench skirts and curved backrests
- Low-voltage valance lighting with rounded profile on the valance
- Deluxe headrests (one per upper bench)





Solace Sauna with Deco-style interior. Options Shown: All-glass front with frameless door, armrests, interior and exterior low voltage lighting.

AT YOUR SERVICE

Not sure where to begin planning for your own sauna design? Finnleo and its network of specialty Premium Dealers are ready to help with free design service, including 3D CAD renderings. Visit your local dealer, call Finnleo at 1-800-346-6536, or visit our website www.finnleo.com to learn more about interior and exterior options, as well as our full sauna line.



Color light therapy



Sliding curved backrest



Two-tone oiled rubbed wood and armrests



TRADITIONAL SAUNAS



**finnleo**[®]
pure sauna



Twilight Designer Sauna in-home fitness center

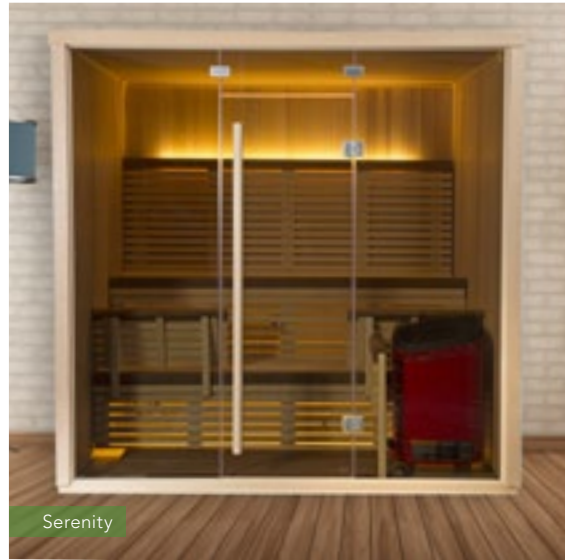
DESIGNER SAUNAS

As the name implies, The Designer Series is a range of high quality sauna room styles modeled along the clean, simple yet elegant lines found in the best examples of Scandinavian design. Even better, they are available as prefabricated panel kits, making them available for use after just a few hours of assembly.

DESIGNER SAUNAS



Vita



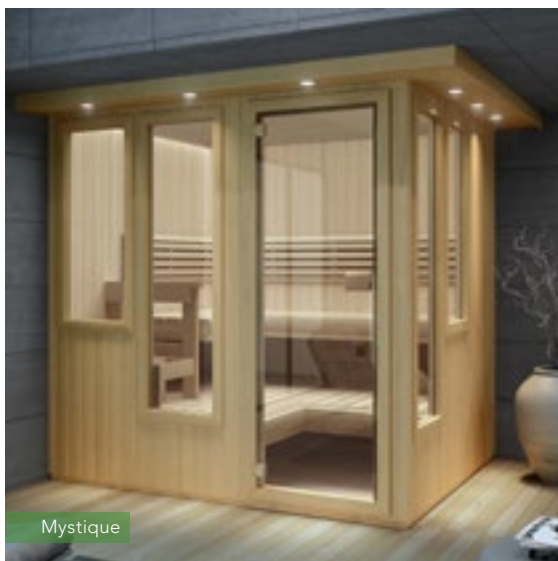
Serenity



Reflections



Solace



Mystique



Moonlight



Vita



Serenity interior with contoured benches



Serenity exterior



Seaside interior

DESIGNER SAUNA

- Choose from 7 distinct styles, each individualized with unique comfort and aesthetic features. Reflections exterior on p. 22, interior on p. 26.
- Comes complete with benches, lighting, heater, interior and exterior paneling—everything you need to start enjoying your sauna within hours of delivery
- Prefabricated panels crafted from Scandinavian whitewoods or clear Canadian Hemlock or Western Red Cedar sourced from responsibly-managed forests
- Interiors can be upgraded to one of our luxurious interior solutions, enhancing your sauna's look and experience even further
- Easy to assemble, with step-by-step instructions and support one phone call away ensure your sauna will be ready quickly
- Protected by a full 5 year warranty on all parts and 2 year on-site servicing





Custom interior with Vena heater; glass front with open view to fitness area.

CUSTOM-CUT SAUNAS

LUXURIOUSLY DESIGNED,
HANDCRAFTED FOR FRAMED
WALL APPLICATIONS

Finnleo Custom-Cut saunas give you options you might not have thought possible. Personal design preferences. Solutions for odd or limited spaces. The beauty of a Custom-Cut solution is you get to have your sauna, your way—and still benefit from Finnleo materials, expertise, and quality engineering.



Custom-Cut sauna installed under stairway

HAVE IT YOUR WAY

Finnleo Custom-Cut saunas are perfect for homes, hotels, corporate fitness centers, health clubs... The possibilities are endless. Custom-Cut saunas are hand made using the highest quality Nordic white-woods for the walls and ceiling, and elegant Abachi for the interior furnishings — just like in the finest saunas of Europe.

Finnleo's commitment to detail shows throughout the sauna, particularly in the bench construction. Custom-Cut saunas include a European style all-glass door, or you can choose from other Finnleo door options. You can even choose your preferred wood for paneling and furnishings.

Hand-crafted to your plan, we'll pre-cut the finest materials for your walls and ceiling and pre-build the benches and door — all for final installation on your framed walls. Simply provide the inside dimensions of the framed walls, the door location and your preference for bench configuration. We'll do the rest.

Innovative use of glass windows and doors, unusual angles, unique bench configurations — with a Finnleo Custom-Cut sauna, almost anything is possible. And if you need help with planning or in choosing from various options, simply call, email or fax us. We'll be there to provide free recommendations and CAD drawings.



"Sauna Suite" with Custom-Cut sauna, two person shower, changing room and bathroom — all adjacent to in-home fitness center



Piccolo Rock Tower Heater



T&G pre-cut for easy installation

ALL CUSTOM-CUT PACKAGES INCLUDE

- Interior walls and ceiling, cut-to-length, tongue and groove, Nordic White Spruce (or other woods of your choice)
- All interior trim
- A genuine Finnleo heater, rocks and heater guard
- Preamsembled benches, headrests and backrests. Widest standard bench widths in the industry (24" wide for sauna depths 5' or more)
- Prehung All-Glass door (or other door options)

- Room light, duckboard flooring, thermometer, and foil vapor barrier
- Stainless Steel or Copper bucket, ladle, and all hardware
- Manufactured in the USA by Finnleo

Options Available

- Sound System
- Heater Upgrades: Pikkutonttu, Saunatonnttu, Digital
- All Interior Options shown on pages 12 to 19



Sisu 5'X7' With Sidelight Windows in Nordic White Spruce and Abachi

SISU SAUNAS

Finnleo's Sisu series has become a classic of the sauna world. True to tradition, Sisu saunas are made in the Finnish style of exclusive fine-grained Nordic White Spruce—you'll even notice a subtle scent of deep Finnish forests. Sisu—a clean, pure expression of sauna at its genuine best.



Sisu 5'X7', Western Red Cedar



Sisu 5'X7', Hemlock exterior and interior with Abachi benches and backrests

THE ESSENCE OF SAUNA

Sisu saunas glow with genuine welcome. The room itself is light and well-ventilated. The wood for panels, frame and flooring, in Nordic White Spruce or optional clear Western Red Cedar or premium Canadian Hemlock, is clean, unpretentious, strong—a perfect frame for the pure sauna experience.

Sisu saunas offer unlimited options, from personal size saunas to large club size saunas, making them equally ideal for private or public use. Custom designs and sizes are available as well, and interiors, windows, doors and much more can be personalized with a wide variety of options.

Abachi is used extensively throughout the sauna — wherever skin touches wood — on benches, backrests, head rests and door handles. Abachi wood remains comfortable to the touch even at high temperatures, resists stains and odor absorption, and has no knots or splinters. It is the ultimate sauna bench material, and is used in the finest saunas of Europe.



You can personalize your sauna with any number of available options including:

- Deluxe interiors (as shown on pg. 14-19)
- Deluxe “Sunburst” interiors
- Bronze tinted sidelite windows (tempered insulated glass)
- Special doors, including Finnleo’s popular all-glass door or etched glass door
- Custom-designed dramatic angles
- Saunatonnttu or Pikkutonnttu heater upgrades

Choose from several door and window styles to personalize your sauna and give it the look you want. Door options include:

- Hemlock door with traditional window
- Hemlock door with window and grids
- All-glass door (standard)
- Etched all-Glass door with birch leaf design
- Etched birch leaf door with negative image
- Satin all-glass door for privacy
- Sidelight window options in multiple panel locations or tint options

All doors are prehung and include handles and preinstalled latching system

ALL SISU PACKAGES INCLUDE

- Abachi benches, backrests, headrests, heater guard and duck boards
- Prebuilt, prefitted wall and ceiling panels — all completely blind nailed, Nordic White Spruce interior and exterior
- Prehung all-glass door, hinged left or right, premounted in its own panel
- Heater, rocks, bucket, ladle, light, thermometer and necessary hardware
- Manufactured in the USA by Finnleo

- Quick and easy assembly make Sisu the clear choice

Options Available

- Sound System
- Cedar or Hemlock
- Heater Upgrades: Pikkutonnttu, Saunatonnttu, Digital
- Sunburst Interior for all saunas 5’ and larger
- All interior options shown on pages 12 to 19



HM57, 5'x7'

HALLMARK SAUNAS

Finnleo's Hallmark Series makes owning a personal oasis at home easier than ever. Easy to assemble, yet loaded with upgrades usually found only in designer-type saunas, Hallmark puts the opportunity for a daily chance to relax and recharge within reach of everyone.

INSTANT GRATIFICATION

Hallmark is attractive in more ways than one. To the eye, top quality clear Canadian Hemlock inside and out reflects golden light in a warm, comforting glow. The exterior is protected with a biodegradable finish for a luxurious look and ease in maintenance. Interior puck lighting, color therapy lighting system and integrated sound system complete the aura of luxury.

But even though you wouldn't know it by looking at it, Hallmark is well-known as one of the best values in traditional saunas. And its clever hook and pin panel design means Hallmark is easily assembled in less than an hour.

Hallmark saunas come complete with a built-in floor with vinyl surface, which makes cleaning and maintenance a breeze. The sauna is powered by stainless steel Finnleo Junior or Viki wet/dry sauna heaters, featuring the dependable climate-creating efficiency you'd expect of a Finnleo. Your comfort is easy to adjust using the intuitive SaunaLogic digital controls.

Choose from 5 sizes (4x4, 4x6, 5x5 corner, 5x7 and 6x6 corner). And if you like the idea of being able to take your sauna with you, consider the HM44. This simple 6 panel version is even easier to assemble and take down, yet still boasts all Hallmark features.



Saunalogic Digital Control & Stereo/Cd



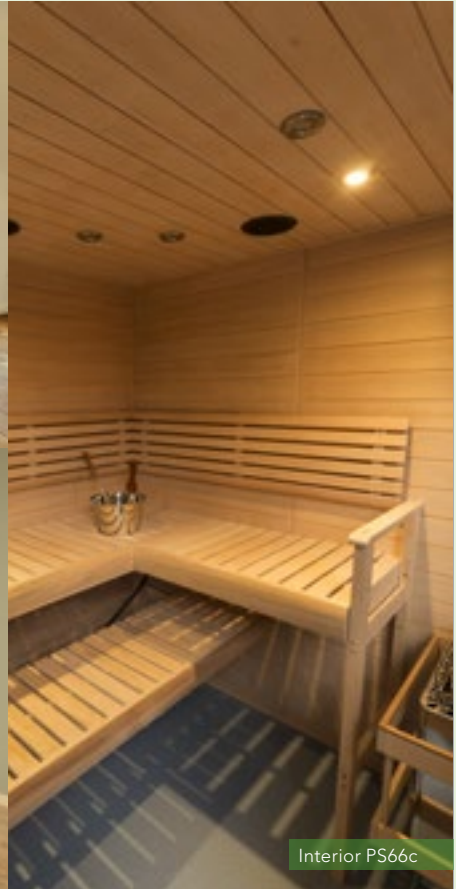
HM46, 4'X6'



HM55, 5'X5' Corner



HM66c, 6'X6' Corner



Interior PS66c

ALL HALLMARK SAUNAS INCLUDE

- Clear Canadian Hemlock interior and exterior
- Exterior finished with biodegradable wood treatment for luxurious look and for ease in maintenance
- Bluetooth sound system (styles may vary)
- Internal puck lighting
- Interior low voltage lighting & color therapy lighting system
- Built-in floor with vinyl surface
- Simple hook & pin panel design; easily installs in less than an hour
- Stainless steel Junior or Viki wet/dry sauna heater
- Saunalogic Digital controls
- 5 sizes available (4x4, 4x6, 5x5 corner, 5x7 and 6x6 corner)
- All Hallmark saunas are 80 inches high



Hallmark Sauna

HALLMARK HM44 - A TRULY PORTABLE 4'X4' SAUNA

Imagine having a luxurious Finnish sauna experience quickly, easily and wherever you like. With the 6-panel Hallmark, you can—it truly is portable! The Hallmark comes equipped with the same features as other Hallmark saunas, but with 120 volt plug-in instead of 240. Simply assemble, plug into the closest outlet, and you're ready—no finishing work, no plumbing and no electrical.



4 Wall Panels Plus Base And Top



Mounting the top



Interior View Looking Out

BE BETTER BY FEELING BETTER

A few minutes of gentle sauna heat daily improves your physical health and overall sense of well-being. It's a simple and effective way to ensure you're always performing at your very best.



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4'X6' Patio Sauna With Painted Cedar Siding

PATIO - OUTDOOR SAUNAS

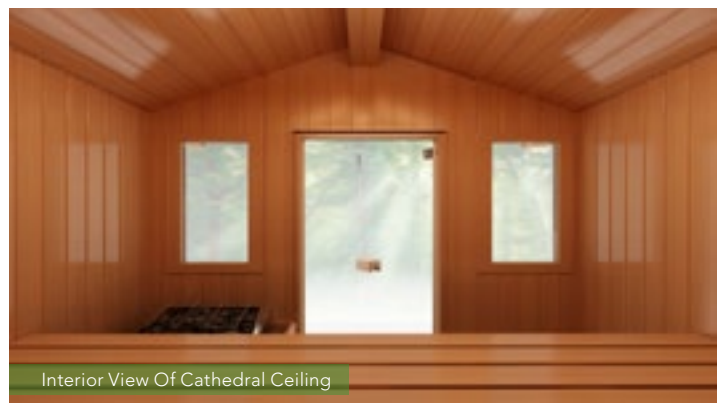
Stepping out of the sauna heat into the contrast of cool, fresh air is a special feeling. Finnleo Patio is a compact, free standing sauna that makes it easy to enjoy within minutes of delivery. Thanks to its size, portability and ease of installation, you can always find room for a Patio sauna—and what a perfect add-on for a pool or hot tub.

PATIO SAUNA INCLUDES THE FOLLOWING STANDARD FEATURES

- Nordic White Spruce walls and ceiling interior, Abachi backrests, headrests, heater guard and duckboard
- Clear Western Red Cedar exterior
- Prebuilt, prefitted wall and ceiling panels all completely blind nailed
- Built-in floor with attractive water resistant vinyl flooring
- Constructed on cedar runners
- Cathedral ceiling with exposed wood beam
- Designer Heater with Trend digital control
- Bucket, ladle, and thermometer
- Low voltage backrest lighting
- Roof kit in easy-to-install panels

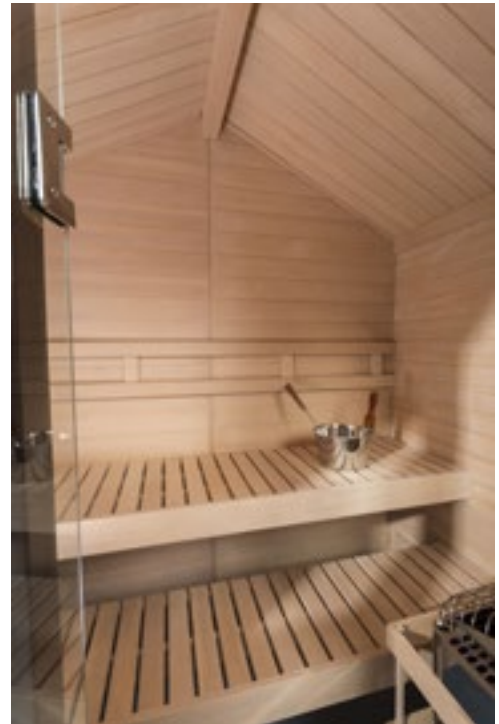
Options Available

- Metal roof or Cedar Shingles
- Heater Upgrade: Pikkutonttu



Interior View Of Cathedral Ceiling

TERRACE - OUTDOOR SAUNA



TERRACE SAUNA INCLUDES THE FOLLOWING STANDARD FEATURES

- Available in two sizes: 4'x6' and 5'x7'.
- Weather friendly, heat treated Canadian Hemlock exterior.
- Canadian Hemlock interior.
- Constructed on cedar runners for durability.
- Prebuilt, prefitted wall and ceiling panels all completely blind nailed.
- Built-in floor with attractive water resistant vinyl flooring.
- Cathedral ceiling with exposed center/ridge beam.
- Designer heater with Trend digital control (control is mounted inside sauna).
- Bucket, ladle, and thermometer.
- Low voltage backrest lighting.
- Roof kit in two easy-to-install panels, including all-weather metal roofing.

QUALITY TIME OUTSIDE

The Finnleo Patio sauna's simple panel construction makes it easy to assemble anywhere you have space in just a few minutes. At the same time, Patio's integrated walls and gable system ensure you will enjoy a strong, durable sauna that will be perfectly at home outside for many years to come.

All Patio saunas come with Cedar exterior, Cedar runners and a vinyl subfloor, allowing you to place it nearly anywhere without risk of damage. The roof kit is fully insulated and available with plywood (ready for your shingles), cedar shingles or metal roofing.

Inside, you'll enjoy all the comfort, style and attention to detail you expect from Finnleo. Nordic White Spruce or Cedar on the cathedral ceiling and walls creates a light, cozy, genuinely sauna feel. Abachi furnishings feel as good as they look, staying cool to the touch despite the sauna heat.

Patio is naturally perfect for the deck, or anywhere you like in the backyard. If you have a pool or hot tub, all the better—a Patio sauna will only add to the pleasure you already get from them.



Metro MS812 w/Painted Gray Exterior and Optional Crank-Out Windows

METRO - OUTDOOR SAUNAS

Metro brings modern sauna comfort and luxury to your backyard. Perfect for outdoor entertaining, Metro is at its best near the patio, pool or lake—if pool or lake side, you and your guests will be able to enjoy the ultimate experience of “sauna with a cool water plunge.” Beautiful, durable, welcoming: Metro is an ongoing invitation to enjoy your great outdoors.

THE ULTIMATE HOME ADDITION

Is there a better way to spend quality time at home than with family and friends in the backyard? Finnleo Metro saunas fit right in with outdoor entertaining: always inviting and always rewarding.

Metro is an excellent option for pool owners. Three of the four Metro models include spacious changing rooms, which means they can easily double as a poolhouse. And the swimming season can be extended, maybe even year-round, as you'll be able to enjoy the deep, gentle heat of the sauna before taking

a refreshing plunge. Go a step further to add a shower and/or a toilet into the changing room, and you'll avoid pool-users tracking wet feet into the house.

Metro offers the comfort and luxury of the pure sauna experience, yet is surprisingly easy to assemble. The walls and roof are constructed of 4¹/₄" insulated panels, finished on both sides. The interior features quality tongue-and-groove Nordic White Spruce—in both the sauna and changing room.



Entry of the Metro MS812



View Of Changing Room



View Of Sauna Entry

METRO SERIES SAUNAS INCLUDE

- Four sizes/models with all-glass interior door
- Insulated 4¹/₄" panels for walls, ceiling and roof
- Nordic Spruce T&G on interior
- Cedar exterior
- Changing room standard on MS 710, 811 and 812
- Prehung exterior door with window and grid (optional)
- Sauna interior includes Abachi pre-built benches, backrests, headrests, heater guard, floor boards

- Sauna heater, rocks and separate control panel
- Bucket, ladle, one or two wall lights, thermometer
- Changing room interior includes prebuilt bench, backrest and 4-peg clothes hanger
- Windows with insulated, tempered glass and grids (optional)

Options Available

- Metal roofing, dark brown
- Crank-out screened windows

DESIGNER SAUNAS

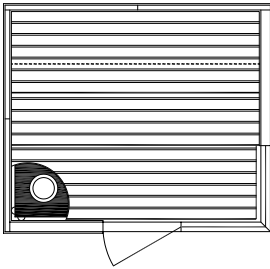


Reflections Sauna

- Outside dimensions: Depth 72", Width 84", Height: 84"
- Contemporary glass-to-glass corner creates an amazingly open feel
- Luxury backrests
- Recessed LED lighting
- Two-tone combination of Western Red Cedar with Abachi to create a luxurious look and feel
- Shown with Pikkutonttu and Digi-I control

Options

- Bluetooth Sound System



Reflections w/Pikkutonttu

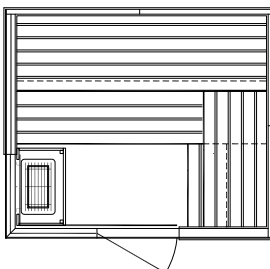


Twilight Sauna

- Outside dimensions: Depth 72", Width 84", Height: 84"
- Contemporary glass-to-glass corner creates an amazingly open feel
- Luxury backrests
- Recessed LED lighting
- Two-tone combination of Western Red Cedar and Abachi to create a luxurious look and feel
- Exterior of oil rubbed Cedar with black melamine background material
- Sauna heater: Vena Digital T1 Touch Control System

Options

- Bluetooth Sound System



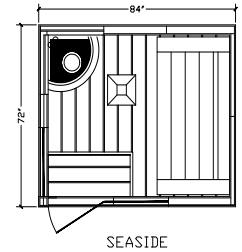
Twilight 6'x7' w/Vena T Heater & T-1 Control

DESIGNER SAUNAS



Seaside Sauna

- Outside dimensions: Depth 72", Width 84", Height: 84"
- Relaxing Seaside moveable bench
- Wide board or regular platform with heater wrap around for elegant look
- Optional rock wall on one or two walls
- Low voltage puck lighting
- Optional wide board tongue and groove walls



SEASIDE

Seaside 6'x7' w/Pikkutonttu

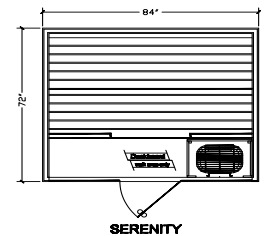
Options

- Bluetooth Sound System
- Saunatonnttu



Serenity Sauna

- Outside Dimensions: Depth 72", Width 84", Height: 84"
- Curved ergonomic upper bench and backrest
- Heat treated Alder accents
- Built-in lower bench foot rest
- Full glass front



SERENITY

Serenity 6'x7' w/Vena

Options

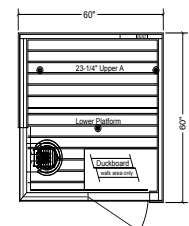
- Bluetooth Sound System
- Sunburst interior
- Heater upgrades: Pikkutonttu, Saunatonnttu, Digital



Vita Sauna

A diminutive sauna room loaded with luxury—perfect for master bathrooms or smaller spaces that limit the sauna size—but without limiting the features.

- Outside dimensions: Depth 60", Width 60", Height 84"
- Contemporary glass-to-glass corner creates an amazingly open feel
- Luxury backrests with integral LED lighting
- Mini Gimbal spot light over the heater
- Color therapy/white lighting in ceiling, optional
- Interior and exterior of clear, vertical grain Canadian Hemlock (Western Red Cedar optional)
- Benches and backrests two-tone combination of Canadian Hemlock and heat-treated European Alder
- Lower platform bench wraps around heater
- Sauna Heater: Piccolo rock-tower heater, 3.5 kW with Trend digital control



Vita 5'x5' w/Piccolo

DESIGNER SAUNAS

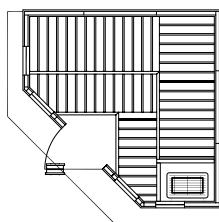


Moonlight Sauna

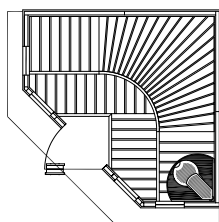
- Outside Dimensions: Depth 84", Width 84", Height: 84"
- Includes overhanging ceiling with exterior romantic low-voltage lighting and interior low voltage valance lighting
- Double sidelite windows, 4 benches, 2 headrests, duckboards, 2 backrests, deluxe heater guard and bench skirts
- Sauna heater: 6.0kW, recessed in corner
- Natural wood exterior
- Available in Nordic White Spruce/Abachi (standard) or your choice of Western Red Cedar or Canadian Hemlock

Options

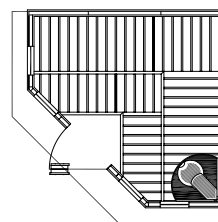
- Bluetooth Sound System
- Sunburst interior
- Heater upgrades: Pikkutonnttu, Saunatonnttu, Digital



Moonlight 7'x7' w/Vena



Moonlight 7'x7' w/Sunburst interior and Saunatonnttu



Moonlight 7'x7' w/Standard interior and Saunatonnttu

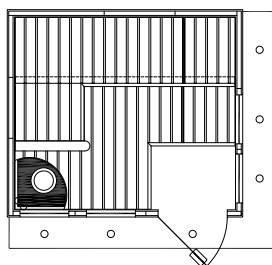


Mystique Sauna

- Outside dimensions: Depth 72", Width 81³/₄", Height 84". With ceiling overhang, O.D. is 82⁷/₈" D x 93"W.
- Overhanging ceiling on front and side, including integral low-voltage puck lighting.
- Expansive use of bronze-tinted glass with four sidelite windows and an all-glass door, creates a warm glow when viewing from outside, and a panoramic view from inside.
- "Latte" Interior has dark and light contrasting woods, using oil-rubbed Western Red Cedar with Abachi highlights.
- Biodegradable oil treatment brings out the richness of the wood, has no surface residue and aids in keeping the benches clean.
- Deco-style benches with wall-to-wall middle platform, and L-shaped upper benches, integral arm rest.
- Low-voltage lighting system integral with backrests, for special interior ambience.
- The Mystique includes the upgrade heater, Pikkutonnttu with Digi-1 control. Standard wall heaters can also be used.

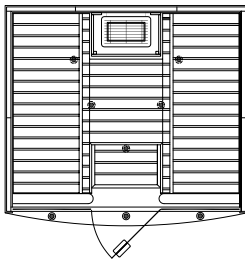
Options

- Bluetooth Sound System



Mystique w/Pikkutonnttu

DESIGNER SAUNAS



Solace 6'x7' w/Viki

Solace Sauna

- Outside dimensions: Depth 72", Width 84", Height 84". With ceiling overhang, O.D. is 77" Deep.
- Elegant curved overhanging ceiling on front, including exterior low-voltage puck lighting.
- Low voltage interior lighting, including color light therapy system.
- Contemporary European design with wall-to-wall and floor-to-ceiling glass on front sauna wall, including frameless door. All-glass front provides a warm glow when viewing from outside, and a panoramic view from inside.
- Clear Canadian Hemlock interior and exterior, combined with Abachi benches and backrests (Nordic White Spruce or Cedar also available).
- Deco-style bench system with wall-to-wall middle platform; bench ends have integral armrests for added comfort.
- Bench layout is ideal for two people to lie down at the same time (4-6 seated).
- As shown, sauna includes Vena heater series, but can be upgraded to Tonttu series.

Options

- Bluetooth Sound System

FINNLEO THE NATURAL CHOICE

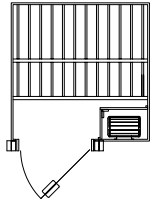
The Finnleo pure sauna experience is designed from a profound respect and care for the nature that inspires it. We take our environmental responsibility seriously—in everything from recycling and manufacturing waste on a local level, to sourcing timber from sustainably-managed forests originating in countries known for their responsible forestry management.

We have also taken great care to ensure our saunas use as little energy as possible. Compared to hot tubs and jetted tubs, Finnleo saunas use much less power to heat and stay warm. This not only saves you money, but is much better for our environment. Because for us, the sauna experience can only be truly pure if it includes peace of mind.

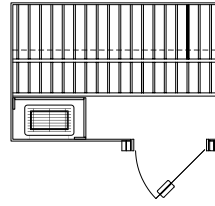


CUSTOM-CUT SAUNAS

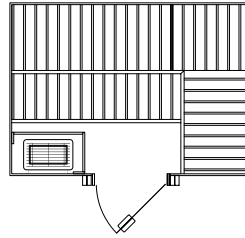
CC44 - 4'x4'



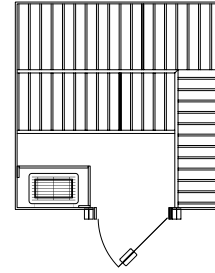
CC46 - 4'x6'



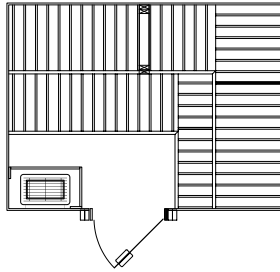
CC57 - 5'x7'



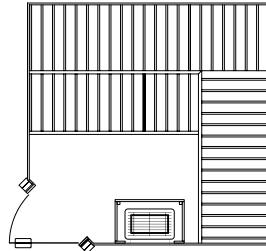
CC66 - 6'x6'



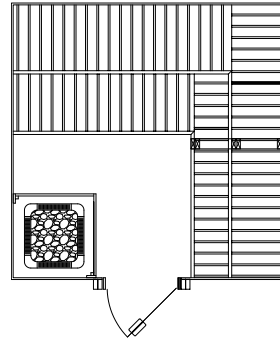
CC68 - 6'x8'



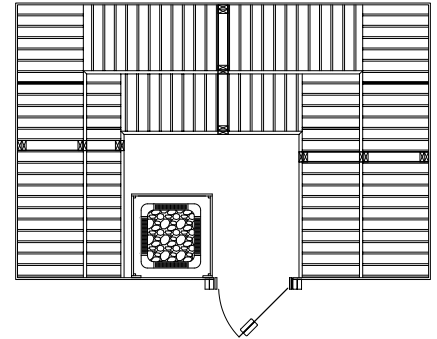
CC775 - 7'x7'



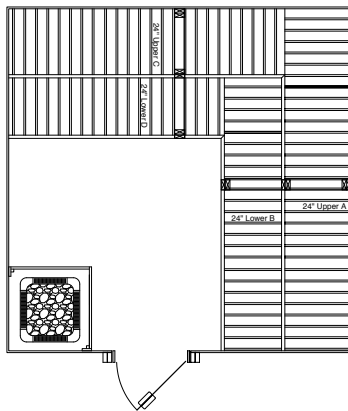
CC88 - 8'x8'



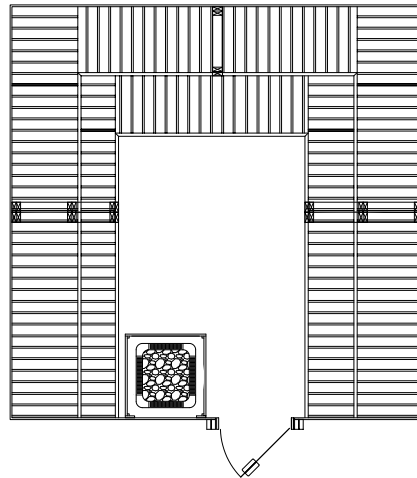
CC812 - 8'x12'



CC1010 - 10'x10'



CC1212 - 12'x12'



Door options include:

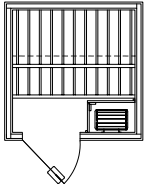
- All-Glass 24x80" bronze tinted door
- All-Glass Birch-Leaf Etched door 24x72"
- All-Glass Satin door 24x72"
- All-Glass bronze tint door 24x72"
- Hemlock 24x80" door with glass window
- Hemlock 23¹/₄" x 69¹/₄" door with glass window

All Finnleo® Custom-Cut Saunas include

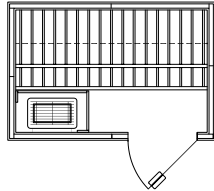
- Interior walls and ceiling, cut-to-length tongue and groove, Nordic White Spruce (or other woods of your choice)
- All interior trim
- A genuine Finnleo® heater, rocks and heater guard
- Preassembled benches, headrests and backrests. Widest standard bench widths in the industry (24" wide for sauna depths 5' or more)
- Prehung All-Glass door (or other door options)
- Room light, duckboard flooring, thermometer, and foil vapor barrier
- Stainless Steel or Copper bucket, ladle, and all hardware
- Manufactured in the USA by Finnleo®. Choose from six door options, several interior options, and four wood options: Nordic Whitewoods and Abachi — the trademark of Finnleo® Saunas, or clear Western Red Cedar, or Canadian Hemlock with Abachi.

SISU SAUNAS

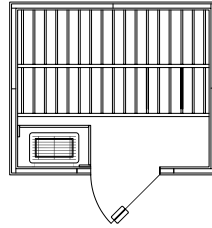
PB44 w/Junior - 4'x4'



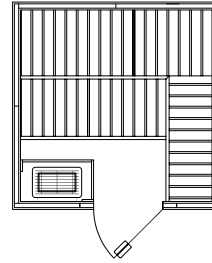
PB46 w/Vena - 4'x6'



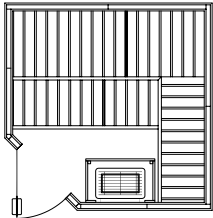
PB56 w/Vena - 5'x6'



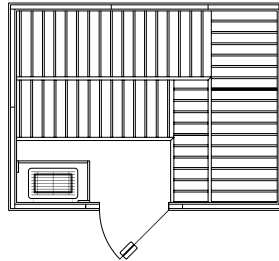
PB66 w/Vena - 6'x6'



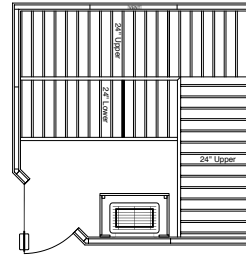
PB66-5 w/Vena - 6'x6'



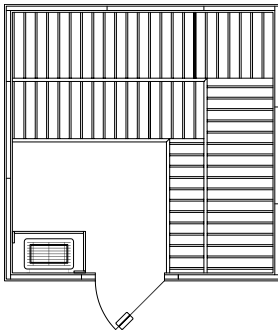
PB68 w/Vena - 6'x8'



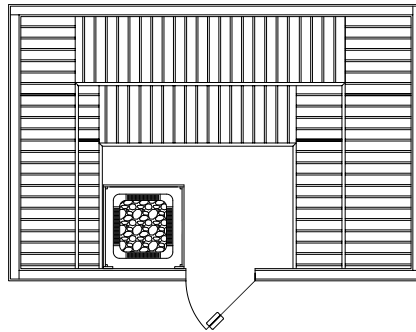
PB77-5 w/Vena - 7'x7'



PB88 w/Vena - 8'x8'



PB812 w/Laava - 8'x12'



Typical configurations of Finnleo Sisu Series. Dimensions are approximate O.D. of sauna room.

Allow 2 ft. of bench per person. Unlimited custom shapes and sizes available for panel-type saunas.

All Sisu Packages Include

- Abachi benches, backrests, headrests, heater guard and duck boards
- Prebuilt, prefitted wall and ceiling panels — all completely blind nailed, Nordic White Spruce interior and exterior
- Prehung all-glass door, hinged left or right, premounted in its own panel
- Heater, rocks, bucket, ladle, light, thermometer and necessary hardware

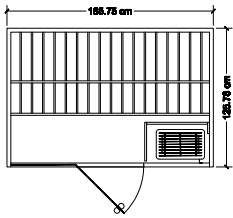
- Manufactured in the USA by Finnleo
- Quick and easy assembly make Sisu the clear choice

Options Available:

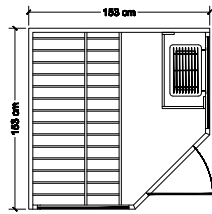
- Sound System
- Heater Upgrades: Pikkutonttu, Saunatonnttu, Digital
- Sunburst Interior for all sauna 5' and larger
- Deluxe "Sunburst" interiors

HALLMARK SAUNAS

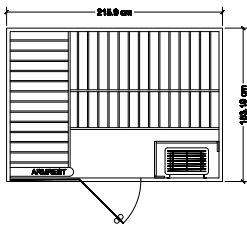
HM46 - 4'x6'



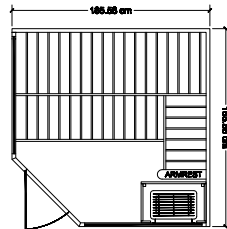
HM5c - 5'x5'



HM57 - 5'x7'



HM66c - 6'x6'

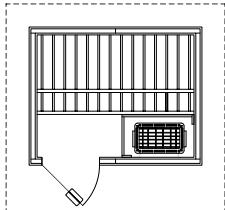


All Hallmark Saunas Include

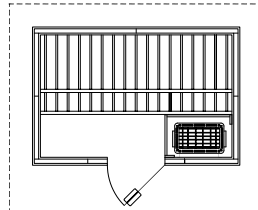
- Clear Canadian Hemlock interior and exterior
- Exterior finished with biodegradable wood treatment for luxurious look and for ease in maintenance
- Sound system
- Ceiling Overhang with internal puck lighting
- Interior low voltage lighting & color therapy lighting system
- Built-in floor with vinyl surface
- Simple hook & pin panel design; easily installs in less than an hour
- Stainless steel wet/dry sauna heater
- Digital controls
- 5 sizes available (4x4, 4x6, 5x5 corner, 5x7 and 6x6 corner)

PATIO SAUNAS

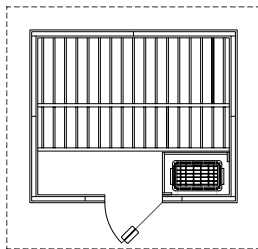
P45 - 4'x5' *



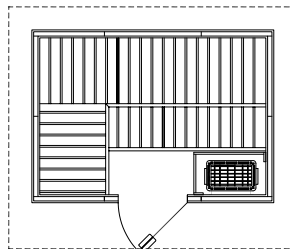
P46 - 4'x6' *



P56 - 5'x6' *



P57 - 5'x7' *



Patio Sauna Includes The Following Standard Features

- Interior Nordic White Spruce walls and ceiling, Abachi backrests, headrests, heater guard and duckboard, cedar exterior
- Prebuilt, prefitted wall and ceiling panels all completely blind nailed
- Built-in floor with attractive water resistant vinyl flooring
- Constructed on cedar runners
- Cathedral ceiling with exposed wood beams
- Heater with control
- Bucket, ladle, light, and thermometer
- Roof kit in easy-to-install panels

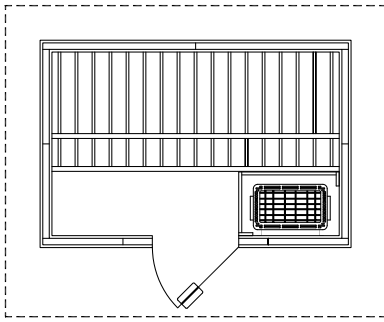
Options Available:

- Metal roof or Cedar Shingles
- Heater Upgrade: Pikkutonttu

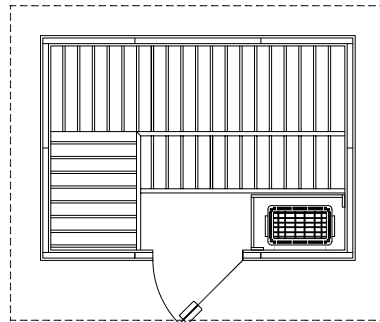
* Dashed line = roof overhang

TERRACE SAUNAS

T46 - 4' x 6'

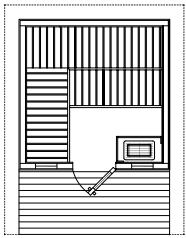


T57 - 5' x 7'

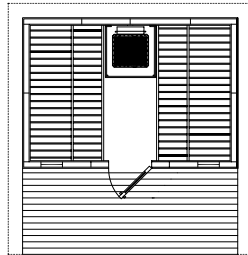


METRO SAUNAS

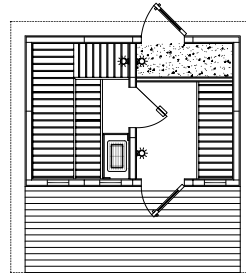
MS77 (7x7 sauna & 3x7 porch)



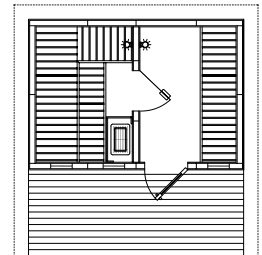
MS Resort (7x10 or 8x12 sauna, 4x10 or 4x12 porch - seating for 8-14)



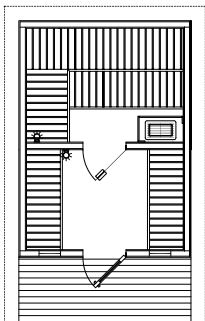
MS710 W/Storage room option



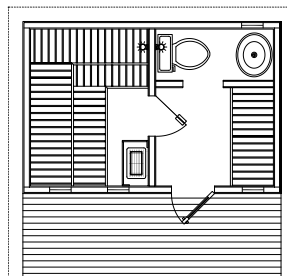
MS710 (5x7 sauna, 5x7 changing room & 4x10 porch)



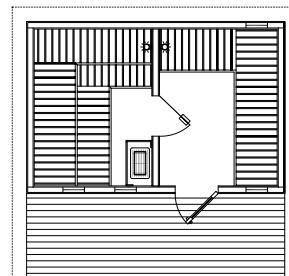
MS811 (6x8 sauna, 5x8 changing room & 3x8 porch)



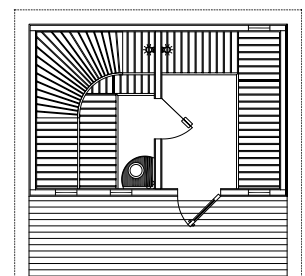
MS812 W/Toilet/Shower option



MS812 (6x8 sauna, 6x8 changing room & 4x12 porch)



MS812 W/Sunburst interior & Pikkutonttu heater



Metro Series Sauna Include

- Four sizes/models with all-glass interior door
- Insulated 4 1/4" panels for walls, ceiling and roof
- Nordic Spruce T&G on interior and exterior
- Changing room standard on MS 710, 811 and 812
- Prehung exterior door with window and grid
- Sauna interior includes Abachi prebuilt benches, backrests, headrests, heater guard, floor boards
- Sauna heater, rocks and separate control panel

- Bucket, ladle, one or two wall lights, thermometer
- Changing room interior includes prebuilt bench, backrest and 4-peg clothes hanger
- Windows with insulated, tempered glass and grids

Options Available

- Preinstalled dark brown metal roofing
- Crank-out screened windows



SAUNA HEATER COLLECTION



 **finnleo**[®]
pure sauna



Built-in Saunatonnttu heater



SAUNATONTTU HEAT STORING HEATER: READY WHEN YOU ARE

A collaboration between Finnleo and world-renowned designer Ristomatti Ratia, the SAUNATONTTU is the ultimate sauna heater. Incorporating several patented features and superb European design, SAUNATONTTU is truly the “best sauna heater in the world”, bar none. Its secret is in the constant heat retention by the large quantity of rocks within the super-insulated shell. This means soft, perfect heat is always available, letting you enjoy a sauna without preheating.

THE SAUNATONTTU HEATER

- Low 300 W standby power, 200 lbs rock capacity and unique black insulation shell ensure genuine sauna heat quality is stored and available as you want it.
- Patented insulation system is cool on the outside, minimizing safety distances and giving you more freedom in layout design.
- Compact (size 19 3/4 x 43 x 19 3/4 ") yet high capacity and output.
- Part of the famous RATIA collection — professional world-class design with the latest sauna heating innovations and functions.
- Can be mounted free-standing or sunk into the floor or bench of your sauna.
- Easy to clean and maintain, guaranteed for years of trouble-free performance.



SAUNATONTTU	Saunatonnttu 4	Saunatonnttu 6
Sauna size (Cu. Ft.)	175 -	- 425
Heating power (kW)	4.6	6.0
Vulcanite rocks (lbs)	200	200
Amps / Voltage / Phase	-	-
Shipping weight	-	-
Dim. (inch) (WxHxD)	19 3/4 x 43 x 19 3/4	19 3/4 x 43 x 19 3/4
Control unit	Integral	Integral
Extra features	Low wattage range 100w, 200w or 300w	



PIKKUTONTTU FOR THE ULTIMATE IN DESIGN AND PERFORMANCE

For those sauna bathers that do not need their heater “always on”, the Pikkutonttu has been added to the Tonttu Series. Instead of being always on, the Pikkutonttu is controlled with the Finnleo Digi Series control and turns on only when activated by the control. Even though the heater has a huge rock mass, its super-insulated shell keeps sauna heat-up time similar to a traditional sauna heater. With its 24-hour programmability, users can easily program the Digi series control to have the heater hot and ready at a prescribed time.

THE PIKKUTONTTU HEATER

- Developed in collaboration with renowned Finnish designer Ristomatti Ratia
- Tonttu stylized insulated shell with traditional heater startup
- 154 lbs. Vulcanite rock capacity creates a soft, gentle and luxurious heat that reaches all parts of the cabin evenly
- Very low shell surface temperature, protects skin from accidental touches
- Small safety clearance, can be fixed in corners and close to benches—always double check safety distances in the manual
- Easy to use and manage, choose from four different Digi Series control panels
- Contemporary curved front and circular top adds a modern yet traditional feel
- Available in your choice of 6.5kW and 9kW



PIKKUTONTTU	Pikku 6.5	Pikku 9.0
Sauna size (Cu. Ft.)	175 - 350	310 - 500
Heating power (kW)	6.5	9.0
Vulcanite rocks (lbs)	154	154
Amps / Voltage / Phase	27.1 / 240 / 1	37.5 / 240 / 1
Amps / Voltage / Phase	18.0 / 208 / 3	25.0 / 208 / 3
Shipping weight	73	73
Dim. (inch) (HxWxD)	18 x 39 x 18	18 x 39 x 18
Control unit	Digi	Digi
Extra features	-	



BWT

Bio Water Technique...Experience Sauna Reinvented

SIMPLICITY IS A GOOD THING

We have trail-blazed the sauna industry for almost one hundred years. We now introduce the only multilayered sauna experience on the market. A new dimension in modern sauna solutions. And it is handmade in Finland, as usual.

A SAUNA THAT CHANGES WITH YOU

The new BWT-ready sauna provides a multidimensional experience of pleasure and relaxation in true Finnleo fashion. A multitude of sauna experiences in one single and ingenious sauna solution.

ONE HEATER. MULTIPLE SENSATIONS

Indulge in a multilayered sauna experience. Enjoy your favorite sauna alone or share different experiences with others. With a BWT-ready sauna heater it is all possible. The flexibility of BWT opens up a number of opportunities for pleasurable sauna experiences that you can all enjoy.



BWT

READY

The BWT Heater Range



VENA T



PICCOLO



HIMALAYA



LAAVA

THREE SAUNA TYPES FROM ONE HEATER.

BWT makes it all possible

Gentle Sauna

Add water to BWT container, set temperature to:

120-140 ° F

Gentle sauna
Enveloping steam
Longer sessions
Bio-aroma available

Flexi-Sauna

Fill BWT water container and set temperature to:

140-175 ° F

More humidity
Lower temperature
A gentle sauna experience
Bio-aroma available

Hot & Dry Sauna

Use BWT without water and set temperature to:

175-190 ° F

High Temperature
Low humidity
Intense sauna sensation



A Splash Of Water On Finnleo Heater's Large Rock Mass Creates "Soft Steam" For The Perfect Sauna Experience

SAUNA HEATERS

WALL MOUNTED AND FLOOR STANDING

Quality craftsmanship is the signature of genuine Finnleo wall and floor heaters. Designed for high performance, Finnleo heaters put more rocks in direct contact with the elements. The result is pure bliss: a soft steam and even, gentle waves of heat that keep the climate irresistibly perfect. Choose from a range of options to suit every taste and sauna room, each offering a unique expression of the pure sauna experience.

CLASSIC LINE



JUNIOR



DESIGNER TREND



VIKI



PRO

BLACK LINE



VENA B



VENA T

BWT READY



PICCOLO

BWT READY



HIMALAYA

BWT READY

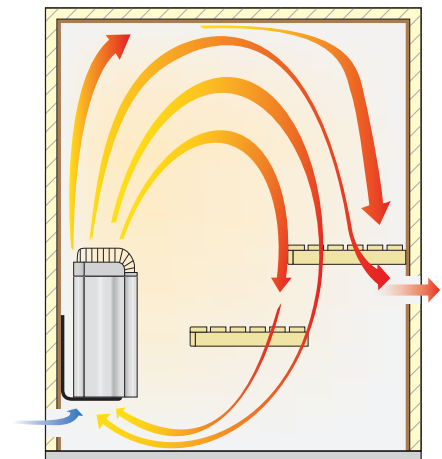


LAAVA

BWT READY

FINNLEO WALL-MOUNTED AND FLOOR STANDING HEATERS FEATURE

- More rocks in direct contact with elements, ensuring a softer, gentler and more even sauna climate
- Open air flow design to allow quick, effective heating with efficient energy use
- Double-wall structural shell minimizes surface temperatures, preventing accidental burns and adding to the comfort
- Heat shield in attractive stainless steel finish adds a modern feel to sauna decor
- Safety tested and listed for years of worry-free performance



CLASSIC LINE SAUNA HEATERS

WALL MOUNTED AND FLOOR STANDING

Designer Trend Heater - wall mounted

For saunas up to 425 cubic feet, the Viki digital heater with the SaunaLogic Control is easy to use and is a terrific value. Stainless steel construction.



DESIGNER TREND	Designer Trend 45	Designer Trend 60	Designer Trend 80	Designer Trend 80/3
Sauna size (Cu. Ft.)	100 - 210	175 - 310	250 - 425	250-425
Heating power (kW)	4.5	6.0	8.0	8.0
Vulcanite rocks (lbs)	33	50	50	50
Amps / Voltage / Phase	18.8 / 240 / 1	25.0 / 240 / 1	33.3 / 240 / 1	22.2 / 208 / 3
Shipping weight	35	35	35	35
Dim. (inch) (WxHxD)	14 x 20 x 26	14 x 20 x 26	14 x 20 x 26	14 x 20 x 26
Control unit	Trend	Trend	Trend	Trend

Viki Heater - wall mounted

For saunas up to 425 cubic feet, the Viki digital heater with the SaunaLogic Control is easy to use and is a terrific value. Stainless steel construction.



VIKI HEATER	Viki 45	Viki 60	Viki 80
Sauna size (Cu. Ft.)	100 - 210	175 - 310	250 - 425
Heating power (kW)	4.5	6.0	8.0
Vulcanite rocks (lbs)	50	50	50
Amps / Voltage / Phase	18.8 / 240 / 1	25.0 / 240 / 1	33.3 / 240 / 1
Shipping weight	35	36	37
Dim. (inch) (WxHxD)	17 x 26 x 12 ¹ / ₂	17 x 26 x 12 ¹ / ₂	17 x 26 x 12 ¹ / ₂
Control unit	SaunaLogic	SaunaLogic	SaunaLogic
Extra features	-	-	-

Pro – The Finnleo “Classic” - floor standing

Freestanding Pro heaters have been the standard of the industry for more than 20 years. Designed for large, commercial-sized sauna rooms, use with separate control panels. Remote control panel. Stainless steel exterior and junction box. Separate contactor box required.



PRO	Pro 105	Pro 120	Pro 140	Pro 105/3	Pro 120/3	Pro 140/3
Sauna size (Cu. Ft.)	390 - 600	510 - 740	630 - 950	390 - 600	510 - 740	630 - 950
Heating power (kW)	10.5	12.0	14.4	10.5	12.0	14.4
Vulcanite rocks (lbs)	132	132	132	132	132	132
Amps / Voltage / Phase	143.8 / 240 / 1	50.0 / 240 / 1	60.0 / 240 / 1	29.2 / 208 / 3	33,3 / 208 / 3	40,1 / 208 / 3
Shipping weight	68	70	75	68	70	75
Dim. (inch) (WxHxD)	20 x 29 x 19	20 x 29 x 19	20 x 29 x 19	20 x 29 x 19	20 x 29 x 19	20 x 29 x 19
Control unit	FSC	FSC	FSC	FSC	FSC	FSC
Extra features	-	-	-	-	-	-

Junior Heater - wall mounted

For small saunas and tight spaces, the Junior heater combines great European design with easy-to-use digital technology. Stainless steel construction.



JUNIOR	Junior 21	Junior 21	Junior 30	Junior 30
Sauna size (Cu. Ft.)	45 - 100	45 - 100	70 - 150	70 - 150
Heating power (kW)	2.1	2.1	3.0	3.0
Vulcanite rocks (lbs)	25	25	25	25
Amps / Voltage / Phase	17.5 / 120 / 1	8.75 / 240 / 1	25 / 120 / 1	12.5 / 240 / 1
Control unit	SaunaLogic	SaunaLogic	SaunaLogic	SaunaLogic
Shipping weight	-	-	-	-
Dim. (inch) (WxHxD)	11 ¹ / ₂ x 26 x 8	11 ¹ / ₂ x 26 x 8	11 ¹ / ₂ x 26 x 8	11 ¹ / ₂ x 26 x 8
Extra features	-	-	-	-

BLACK LINE SAUNA HEATERS

WALL MOUNTED AND FLOOR STANDING

Vena B - wall mounted with built-in controls

Vena B offers in-room control of your sauna or for installs where external controls are not an option. Controls feature built-in 60-minute timer and thermostat.



VENA B	VNA 45B	VENA 60B	VENA 80B	VENA 80B/3
Sauna size (Cu. Ft.)	100 - 210	175 - 310	250 - 425	250 - 425
Heating power (kW)	4.5	6.0	8.0	8.0
Vulcanite rocks (lbs)	33	50	50	50
Amps / Voltage / Phase	18.8 / 240 / 1	25.0 / 240 / 1	33.3 / 240 / 1	22.2 / 208 / 3
Shipping weight	35	36	37	37
Dim. (inch) (WxHxD)	17 ¹ / ₂ x 25 ⁵ / ₈ x 12	17 ¹ / ₂ x 25 ⁵ / ₈ x 12	17 ¹ / ₂ x 25 ⁵ / ₈ x 12	17 ¹ / ₂ x 25 ⁵ / ₈ x 12
Control unit	Built-in	Built-in	Built-in	Built-in
Extra features	Optional Floor Stand			

Vena T - wall mounted with T1 touch screen control

The Vena T is matched with Finnleo's exclusive T1 Touch Screen Control.



VENA T	VENA 45T	VENA 60T	VENA 80T	VENA 80T/3
Sauna size (Cu. Ft.)	100 - 210	175 - 310	250 - 425	250 - 425
Heating power (kW)	4.5	6.0	8.0	8.0
Vulcanite rocks (lbs)	33	50	50	50
Amps / Voltage / Phase	18.8 / 240 / 1	25.0 / 240 / 1	33.3 / 240 / 1	22.2 / 208 / 3
Shipping weight	35	36	37	37
Dim. (inch) (WxHxD)	17 ¹ / ₂ x 25 ⁵ / ₈ x 12	17 ¹ / ₂ x 25 ⁵ / ₈ x 12	17 ¹ / ₂ x 25 ⁵ / ₈ x 12	17 ¹ / ₂ x 25 ⁵ / ₈ x 12
Control unit	T1	T1	T1	T1
Extra features	Optional Floor Stand			

Himalaya Heater - floor standing

Rock tower heater, with 210# of rocks. BWT Ready. Match with Trend control.



HIMALAYA HEATER	Himalaya 7	Himalaya 9
Sauna size (Cu. Ft.)	175-350	310-500
Heating power (kW)	6.8	9.0
Vulcanite rocks (lbs)	210	210
Amps / Voltage / Phase	28.3 / 240 / 1	37.5 / 240 / 1
Amp / Voltage / Phase	18.9 / 208 / 3	25.0 / 208 / 3
Shipping weight	16	16
Dim. (inch) (WxHxD)	40.5x12x15	40.5x12x15
Control Unit	Trend	Trend

Piccolo Heater - wall mounted

Rock tower heater, with 50# of rocks. Match with Trend control.



PICCOLO HEATER	Piccolo 2.1	Piccolo 3.5
Sauna size (Cu. Ft.)	70-120	100-175
Heating power (kW)	2.1	3.5
Vulcanite rocks (lbs)	50 med size	50 med size
Amps / Voltage / Phase	17.5 / 120 / 1	NA
Amp / Voltage / Phase	NA	14.6 / 240 / 1
Shipping weight	24	24
Dim. (inch) (WxHxD)	31x11x9-1/2	31x11x9-1/2
Control Unit	Trend	Trend

Laava - floor standing

Designed for large commercial size sauna rooms: Use with separate control panels. BWT auto-fill option available.



LAAVA HEATER	Laava 105	Laava 120	Laava 140	Laava 105/3	Laava 120/3	Laava 140/3
Sauna size (Cu. Ft.)	390 - 600	510 - 740	630 - 950	390 - 600	510 - 740	630 - 950
Heating power (kW)	10.5	12.0	14.4	10.5	12.0	14.4
Vulcanite rocks (lbs)	132	132	132	132	132	132
Amps / Voltage / Phase	43.8 / 240 / 1	50.0 / 240 / 1	60.0 / 240 / 1	29.2 / 208 / 3	33.3 / 208 / 3	40.1 / 208 / 3
Control unit	FSC or Digi	FSC or Digi	FSC or Digi	FSC or Digi	FSC or Digi	FSC or Digi
Shipping weight	75	75	75	75	75	75
Dim. (inch) (WxHxD)	22 x 35 x 22	22 x 35 x 22	22 x 35 x 22	22 x 35 x 22	22 x 35 x 22	22 x 35 x 22
Extra features	-					

SAUNA HEATERS

WOODBURNING

Traditional woodburning saunas really go to the heart of the pure sauna experience: the incomparably soft heat, lush hiss of steam and relaxing crackle of a wood-fueled fire... even the ritual of tending the fire. It is a heritage sauna enthusiasts have treasured for thousands of years. Captured and reinterpreted for modern living in today's Finneo wood burning heaters.

The patented air channeling system between the outer shroud and inner firebox allows heated air to efficiently pass through the rock chamber for faster and more even heating of the rocks. This improves steam generation and air circulation in the sauna. As the fire dies down, the firebox walls cool and the air stops rising through the rock compartment and is redirected to the side vents. We call this the "Coanda" effect. The stones retain their heat longer, providing long-lasting comfort while using firewood as efficiently as possible.



Finneo Woodburning Sauna Heaters Feature:

- No electricity needed—perfect for cabins or remote locations
- Outer shield finished in heat resistant paint and stainless steel (KS models) looks great and contributes to softer heat
- Large rock capacity means soft heat/steam
- Patented 'Coanda' air ventilation system for long steel life and quick efficient heating time (KS models)
- Removable ash pan
- Interior or exterior feed options
- Chimney outlet out the top or back
- Optional enclosed stainless steel water tank
- For saunas from 200 cu. ft. to 988 cu. ft.
- Quality construction: heavy duty steel interior
- CE safety listed (most models)

SAUNA HEATERS

WOODBURNING



16CK Basic



Karhu 16PK



Karhu 18PKES



Karhu 20 PKVO



Karhu 27 PKVO



Karhu 20PK



Karhu 20 KSIS



Karhu 27 KSIS

16CK Basic

For saunas from 212 to 425 cu. Ft. An excellent sauna heater from the friends of traditional Finnish sauna. With a small amount of wood it gives plenty of heat. Rock capacity 100 lbs.

Karhu 16PK

Same as 16CK but with CE listing, SS trim and glass door. Special order only.

Karhu 18PKES

Similar to 16PK heaters but with built-in water tank. Front mount water tank with right or left spigot selection. For saunas 212 to 425 cu. ft. Rock capacity 100 lbs. Shroud color may vary (call for details).

Karhu 20 PKVO

Same as the popular 20PK, but with built-in integral water tank. Includes glass door and patented 'Coanda' air circulation system. For saunas 282 to 706 cu. ft. Rock capacity 132 lbs.

Karhu 27 PKVO

This high performance woodburning heater is for large saunas and includes a glass door and integral water tank. For saunas 530 to 850 cu. ft. Rock capacity 132 lbs.

Karhu 20PK

This popular powerhouse for mid-sized saunas has a satin steel front panel finish for elegance and long life. Includes a glass door standard and features our patented 'Coanda' air circulation system for long life and efficient heat up. For saunas 282 to 706 cu. ft. Rock capacity 132 lbs.

Karhu 20 KSIS


This external feed wood stove is perfect for saunas where the owner wishes to feed the stove from a changing room or wood shed. The glass door allows the heater to be used as a dual fireplace for the changing room side of your sauna. For saunas 282 to 706 cu. ft. Rock capacity 150 lbs.

Karhu 27 KSIS

The larger external feed wood stove is meant for large scale saunas where an external feed system is desired. It has the added benefit of a glass door on the changing room side of the sauna for a special "fireplace effect". It can also help heat the changing room during winter use. For saunas 425 to 988 cu. ft. Rock capacity 200 lbs.

WOODBURNERS	007PK	16PK & CK	18PKES	20PK	20 PKVO	27 PKCO	20 KSIS	27 KSIS
Sauna Size (Cu. Ft.)	200-375	212-565	212-565	282-706	282-706	530-850	282-706	425-988
Heating Power (kW)	7.0	10.5	15.0	18.0	18.0	20.0	20.0	25.0
Vulcanite Rocks (lbs)	50	100	100	132	132	132	150	200
Water Tank Cap (gallon)	n/a	n/a	5.8	n/a	5.8	5.8	n/a	n/a
Dim. (inch) (WxHxD)	13x24x17	16x29x19	16x30 ¹ / ₂ x 22 ¹ / ₂	19 ¹ / ₂ x 30 ¹ / ₂ x 20	25 ¹ / ₂ x 30 ¹ / ₂ x 20	25 ¹ / ₂ x 36 ¹ / ₂ x 20	16 ¹ / ₂ x 28 ¹ / ₂ x 20 ¹ / ₂	18 ¹ / ₂ x 36 ¹ / ₂ x 20 ¹ / ₂
Flue Opening (inch)	4.1*	4.5*	4.5*	4.5*	4.5*	4.5*	5.0*	5.0*
Extra Features	20 KSIS and 27 KSIS has an additional 9 ¹ / ₄ inches in depth due to the front opening							

*Six inch chimney adapter/converter provided with each woodburner

 All heaters shown are CE listed, except 16CK.



SAUNA CONTROLS AND ACCESSORIES




finnleo[®]
pure sauna



SAUNA CONTROLS

In the Finnleo pure sauna experience, managing the climate, timing and comfort of your sauna is never a source of stress. Finnleo sauna controls are attractive and designed and manufactured to provide years of dependable, convenient and safe operation. And regardless of the option you choose or is recommended for your heater, Finnleo sauna control units let you create the environment that's perfect for you—easily and intuitively.



"FinnleoHeat" app, included with the Premium Control, allows total control of your sauna heater from the palm of your hand.



Premium Touchscreen Control

- Touch screen operation for easy control
- Flush mount or surface mount
- When flush mounted, includes choice of trim ring in four finishes. Mount inside or outside the sauna room
- Intelligent Start (pre-heat sauna when you want it)
- Calendar Programming (set your sauna to work according to your schedule).
- User Favorites (the control remembers user preferences)
- Includes "Finnleo Heat" app for Android and iPhone



T1

- Touch screen operation for easy control of temperature and time settings
- Large screen displays sauna temperature and time settings
- Display temperature in Fahrenheit or Celsius
- Sleep mode with integral sensor to activate screen when approached
- Delayed start feature to pre-heat sauna at selected time
- Multiple language settings including English and Spanish
- Flush-mount, low profile installation



Trend Digital Control

Finnleo's Trend digital control provides European design with superb functionality.

- 3 3/8" W x 4 1/4" H x 1/4"D
- Time and temperature settings
- 24 hour time delay
- Light switch
- Can be mounted inside or outside the sauna
- Surface mount



SaunaLogic

- Surface mount control
- 8.75" w x 5.75" h x 1" d
- 24-hour delayed start programmability
- Adjustable time and temperature
- On/off buttons for interior, exterior and color light
- For use with Junior and Viki heater series



Digi I

- Surface or flush mount control
- 24 hour programmability, delayed start-up
- Adjustable time and temperature
- Ventilation fan and light buttons
- Sleek European graphics
- For use with Laava, Pro and Pikku heaters



Digi VII

Similar to the Digi-II, but with 7-day programmability

- Perfect for Health Clubs with predetermined start and stop times each day
- Full 7-day, 24 hour programmability
- Saunasmart function applies for start up time each day
- Adjustable time and temperature
- Ventilation fan and light buttons
- Sleek European graphics
- Integral audible alarm for additional safety
- For use with Laava, Pro and Pikku heaters



FSC-60

Sleek, flush mounted design with satin stainless steel face plate

- 60 minute timer
- Adjustable thermostat control
- Light switch
- Heat indicator light
- Flush mount control
- Sleek satin stainless steel face
- For use with Laava/Pro heaters
- Floor heaters require separate contactor box



FSC-9 Control

Similar to FSC-60 but with 9-hour time delay start up.

- 60 minute timer with 9-hour time delay for start up



FSC-Club

Similar to FSC-60 but with on/off switch

- On/off switch for club use with attendant on duty (no timer)

SAUNA CONTROL SPECIFICATION		
Type	Use with heater series	Use with contactor
Premium	Himalaya	None
T1	Vena T	None
Digi I	Laava/Pro/Pikku	None
Digi VII	Laava/Pro/Pikku	None
Trend	Designer/Himalaya	None
FSC	Laava/Pro	Yes
SaunaLogic	Junior	Yes
SaunaLogic	Viki	Yes

240 V / 1 phase	Max power (kW)
Yes	9
Yes	8
Yes	14.4
Yes	8
Yes	8
Yes	14.4
Yes	3
Yes	8

208 V / 3 phase	Max power (kW)
Yes	9
Yes	8
Yes	14.4
Yes	14.4
Yes	8
Yes	14.4
No	-
No	-



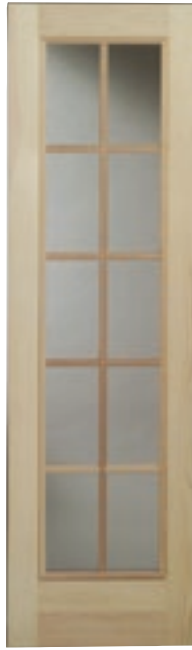
SAUNA DOORS

In a Finnleo sauna, the door isn't simply a closure—it is a gateway between worlds that always say "welcome". Most Finnleo saunas include a European-style all-glass door. But you can also choose from several door and window styles to personalize your sauna. Finnleo's six optional door designs are available in standard and handicap-accessible sizes. All Finnleo doors include our exclusive latching system and laser-etched handles.

Hemlock or Douglas Fir



Hemlock or Douglas Fir with grids



Standard all-glass



Spruce or Cedar



All-glass with etched "Birch Leaf" design



All-glass, "Satin" door



DOOR OPTIONS INCLUDE

- All glass door (standard), 24"x72" or 24"x80"
- Hemlock door 24"x72", 23 1/4"x69 1/4" or 24"x80" (for Custom-Cuts only) with 16"x60" glass
- Hemlock door with window grids
- Spruce door, traditional window (12"x60" or 16"x60" window on 24"x72" door)

- Etched glass door, 24"x72"; Shown above: "Birch Leaves over Water"
- All doors are prehung and include handles and appropriate latching system



SAUNA ACCESSORIES

Put the personal finishing touches on your Finnleo pure sauna experience with our quality-crafted accessories. All Finnleo sauna packages already come complete with thermometer, bucket, ladle, backrests, light and heater guard rail. But you can also choose different styles and additional products from our wide assortment. If you already own a sauna, accessories are also a smart and easy way to refresh and update it.

Visit www.finnleo.com for complete listing of Finnleo sauna accessories.

Rento Sauna Bucket

Color-anodized aluminum and heat-treated bamboo.



Brown/Black

Rento Sauna Bucket

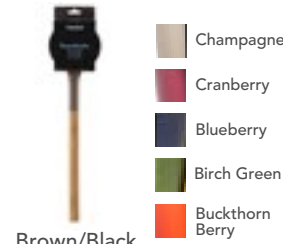
Color-anodized aluminum and heat-treated bamboo.



Brown/Black

Rento Sauna Ladle

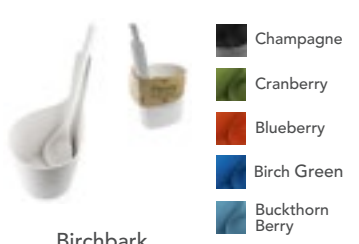
Color-anodized aluminum and heat-treated bamboo.



Brown/Black

Rento Pisara Sauna Bucket & Ladle

Made from ecological biocomposite.



Birchbark

Rento Bamboo and Wooden Buckets, Ladles, Body Brush, Bath Brush, and Nail Brush



Rento Sauna Scents, Soaps, Whisk



Rento Sauna Linens



Rento Sauna Linens





INFRARED COLLECTION



**finnleo**[®]
pure sauna



Pure Infra™ Low EMR
Low EF

CarbonFlex®

REDEFINING THE STANDARD FOR INFRARED SAUNAS

Far-infrared saunas radiate a deep, penetrating heat that melts cares away at the end of a stressful day. If you like to work out, an infrared session before your exercise warms up muscles and increases flexibility, helping to avoid injury. Use after a work out for gentle soothing of sore muscles. And with minimal waiting time for preheating—when you're ready to relax and re-energize, your Finnleo far-Infrared is ready as well.



WARM UP TO NEW BREAKTHROUGH TECHNOLOGY

Electrical devices, including infrared saunas, naturally produce EMR and EF radiation. Though not harmful in the low doses used in Infrared saunas we have spent the last several years developing a new and breakthrough technology that nearly eliminates this radiation while still maintaining the positive effects of infrared sauna. We call it Pure Infra™ (multiple patents) and this new technology is exclusive to Finnleo. It's the only infrared sauna technology that exceeds the tough Swedish radiation standards.

Finnleo's wall-to-wall flat panel carbon-fiber CarbonFlex® IR heating system literally "wraps" you evenly in gentle heat, avoiding uncomfortable temperature fluctuations found in other IR systems. All Finnleo models can be simply plugged into a 120 volt household outlet. Select one of three lighting systems depending upon the mood: reading lights, color-light therapy, or the soft ambience of valance lighting. Your preferred comfort settings for heat, sound and light are easily managed from the Touch Screen control.

Complete specifications for Finnleo's far-infrared saunas are available on page 71. You can also request the separate Finnleo Infrared Sauna Brochure on our website, www.finnleo.com or from your nearest Finnleo dealer.



S-810



S-820



S-825



S-830



S-840



S-870



S-880



PURE HEAD-TO-TOE COMFORT WITH FINNLEO'S EVEN HEAT DISTRIBUTION

One of the most common complaints about infrared saunas is uneven heat distribution—“cold spots”—where no IR waves reach the body, and “hot spots” when seated directly in front of outdated ceramic or metallic IR heaters.

Finnleo Far-Infrared Saunas are purpose-engineered to create the most soothing, full-body heat exposure available. Using the most advanced far-infrared technology, Finnleo’s CarbonFlex® emitters generate even heat and wall to wall full body coverage.

CarbonFlex® heating panels have a larger heating surface, which ensures your perfect bathing comfort in two important ways. First, the larger surface disburses heat over a wider area, keeping their surface temperature comfortable for bathers. Secondly, maximum exposure over the widest possible area creates optimal infrared wavelengths, which in turn produces deep penetration, and soft, even heat you expect for a pure sauna experience.

To guarantee maximum head-to-toe comfort, all Finnleo IR saunas include:

- Wall-to-wall carbon fiber heaters on back wall and sidewalls
- Side wall heaters extending all the way down to floor level
- Exclusive bench seat heaters with on/off button
- Exclusive in-floor heating systems with heated ceramic tiles

CarbonFlex®

Pure Infra™ Low EMR
Low EF

INFRARED ROOMS

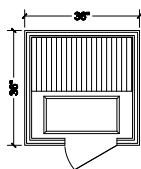
INFRARED ROOMS & INFRA-SAUNA SPECIFICATIONS

7 Models to choose from, S Series

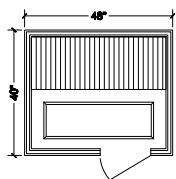
Visit www.finnleo.com or see the special infrared catalog.

Dimensions are approximate.

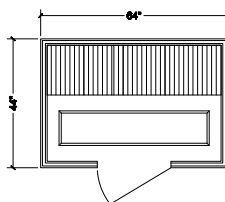
S 810 Series 1-person



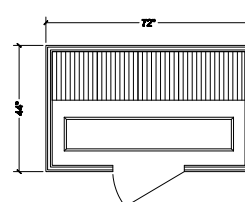
S-820 Series 2-person



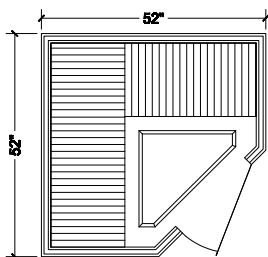
S-825 Series 3-person



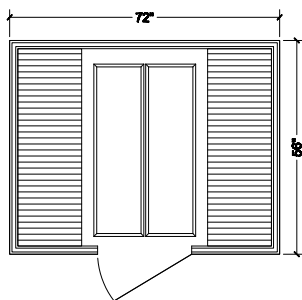
S-830 Series 3-person



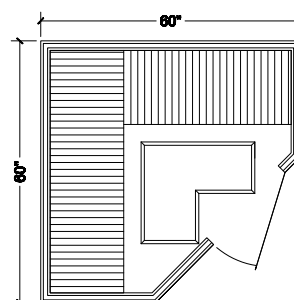
S-870-C Series 3-person



S-840 Series 4-person



S-880-C Series 4-person



Infrared Rooms Include the Following Standard Features

- Prefabricated wall panels, finished inside and out with clear T&G Canadian Hemlock—for a sauna with “furniture quality.”
- Fast assembly with no tools—with wall panels mounted onto an easy-fit base and topped with easy-fit ceiling panel.
- Exterior surfaces finished with biodegradable wood treatment—for a more luxurious look and for ease in maintenance.
- Finnleo CarbonFlex® infrared heaters, integral with wall panels, with heater surface area and wattage designed to give even, enveloping heat on all sides.
- Finnleo digital TouchScreen control system mounted inside the sauna for easy operation and control of: on/off, 3 different lighting options (reading, color-therapy, valance lighting), sound system, time and temperature controls.
- Finnleo Bluetooth sound system includes sleek low profile speakers, iPod or MP3 hook-up, and built-in amplifier
- Prebuilt Hemlock benches
- Built-in Hemlock floor
- Deluxe Tempered Full-Glass Door
- Low-voltage mini-spot lights installed in the ceiling. Wall-to-wall backrests, designed for user comfort and safety.
- Super-easy installation (less than ten minutes for most models) with pre-wired heaters, lights, sound system, etc.—with simple “plug-in” system.
- All sizes can be plugged into a 120 volt household outlet
- ETL listed “as a complete plug-in room”—for safety and reliability
- Industry leading warranty backed by America’s #1 sauna company.



INFRA SAUNA

2-IN-1 COMBINATION SAUNA AND FAR-INFRARED

CarbonFlex®

The innovative Finnleo Infra Sauna provides pleasure beyond what a traditional or infrared sauna can do individually. At times, you might prefer to bask leisurely in the comfort of a traditional sauna. When time is tight or you're in the mood for a milder heat therapy, the infrared option is the answer. Our advanced traditional sauna technology has been seamlessly combined with CarbonFlex far-infrared technology that can be included in virtually any Finnleo Modular sauna or Finnleo Custom Cut sauna up to 425 cu. ft.



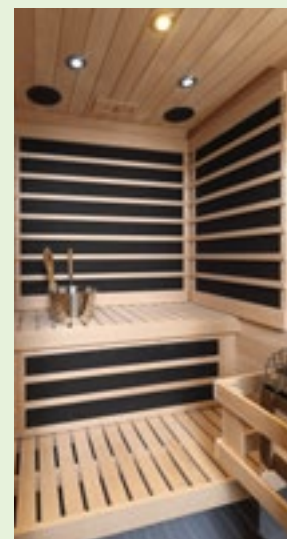
INFRA-SAUNA INCLUDES THE FOLLOWING STANDARD FEATURES

- Stainless Steel Junior or Viki Heater with SaunaLogic digital control
- Premanufactured wood-framed CarbonFlex heating panels for walls and behind legs; quantity of panels depends upon room size
- All-glass door; many window options available
- Interior of sauna includes Nordic Spruce, Cedar, or Hemlock T&G for walls and ceiling, prebuilt benches, prebuilt bench skirts, backrests, heater guard, floor boards and low-voltage lighting system with color therapy (or alternative lighting system of your choice)
- Bucket, ladle, rocks and installation hardware.



HALLMARK INFRASAUNA IS44

For those who sauna bathe alone, or with one other—or for those who have limited space, the diminutive Hallmark IS44, 4' x 4' two person sauna just might be the best value in the market today. The IS44 comes complete, from the factory, with a “Two-in-One InfraSauna Dual Heating System” of Finnleo’s Low EMR/EF Infrared heating panels as well as a stainless steel traditional sauna heater. Simply assemble and plug in to a 120 volt household outlet. The SaunaLogic control panel allows you to easily select “Infrared” or “Traditional” sauna, depending upon what you’re in the mood for.





A traditional sauna plus infrared sauna provides the best of both worlds.

CUSTOM INFRARED OPTIONS

With Finnleo, there are no limits to how your pure sauna experience takes shape. You are free to customize the design of your infrared cabin. Or tailor a best-of-both-worlds wellness center featuring both traditional and infrared comfort from the same fit to measure sauna cabin. Everything will be precut and prebuilt to your exact specifications. And if you need design assistance, your nearest specialty Finnleo dealer will be happy to help—simply visit, call or email us.

TREAT YOURSELF TO TWICE THE COMFORT

Imagine designing your own personal home spa in almost any shape, size and decor. And being able to use it for quick, energizing IR warmups on weekday mornings. Or letting luxurious clouds of relaxing steam wash over you on weekends. With a Custom Infra Sauna, you get the exact wellness center design that best suits you and your family. And the option to enjoy the comforts of pure sauna any way you like.

UPGRADE YOUR EXISTING SAUNA: JUST ADD INFRARED

Finnleo's custom infrared package means you can freshen up your existing sauna with a comforting addition—the soothing, instant heat benefits of infrared. Or you can convert your existing traditional sauna into infrared only. We will pre-cut, size and plan each component to fit your existing sauna cabin. And you'll be able to control both the traditional heater and infrared from a single convenient digital control pad.



Custom Infrared, 6' x 6'



Infra panels can be ordered for any sauna up to 420 cu. ft.



Color light therapy added to an infra sauna

MODULAR INFRA SAUNA PACKAGE

Our modular InfraSauna package can be adapted for traditional free-standing saunas, or to meet your custom specs for a tailored infrared cabin or traditional/infrared sauna combination. The package includes:

- Enough CarbonFlex® heating panels to ensure even, penetrating heat throughout your cabin, each heater cased in clear, vertical grain Canadian Hemlock.
- Stainless Steel Sauna Heater with SaunaLogic digital control (Junior heater for saunas less than 150 cubic feet; Viki heater for saunas up to 420 cu. ft.).

- Hand crafted wall and ceiling panels in a select sauna wood of your choice
- Pre-assembled benches selected from our standard designs, or choose a luxury upgrade such as Sunburst
- Lighting system of your choice
- Bucket, ladle, rocks
- Options ranging from full-wall glass panels, bench design upgrades, recessed lighting, color light therapy, and more

FINNLEO SAUNA SPECIFICATIONS

GENERAL: Sauna room(s) shall be manufactured by Finnleo Sauna, Inc., 575 East Cokato St., Cokato, MN 55321. The following specifications include design parameters for Finnleo prefab/modular saunas, as well as for Finnleo Custom-Cut material packages.

WORK TO BE DONE BY OTHERS: All work set forth below will be included under other sections for the specifications:

For all Finnleo sauna types:

1. Finish painting and/or staining of exterior surfaces.
2. Subfloor and/or foundation work.
3. All electrical work from supply, including connections to control, heater and light.

For Finnleo Custom-Cut saunas:

4. Installation of stud walls (or furring strips) and ceiling joists.
5. Installation of insulation between wall studs and ceiling joists.

CODE REQUIREMENTS: All materials, components and work shall conform to all applicable local, state and federal building and safety codes, ordinances and regulations.

TYPE CONSTRUCTION: FINNLEO CUSTOM CUT MATERIAL PACKAGES (for installation on previously framed walls)

Wall framing shall be on 16" centers. Standard framed wall shall have 2" x 4" studs, bottom base plate treated, and ceiling lowered to 84" I.D. from floor to framing. Existing masonry walls shall have furrings strips on 16" centers; metal studs shall have furring strips—for nailing of T&G wall boards.

Walls and ceiling shall be insulated with R11 rated fiberglass insulation, with foil vapor barrier (foil provided by Finnleo).

When ordering: sauna material package, shall be Finnleo model CC_____. Provide interior dimensions of the framed space, indicate direction of ceiling joists, and swing of door.

Walls and ceiling interior materials shall be 1" x 4" (nominal) V-joint, kiln dried to 12% or less, T&G Nordic White Spruce, clear Western Red Cedar or clear Canadian Hemlock. Boards to be blind nailed using 5p galvanized nails, or comparable galvanized staples. Wallboards applied horizontally unless specified otherwise.

TYPE CONSTRUCTION: FINNLEO PANEL-BUILT SAUNA PACKAGES (free-standing, modular units).

No framed walls are required for Finnleo Panel-Built packages. Install on any level, water proof floor.

Wall and ceiling panels shall be framed of 2" x 2" framing, insulated with fiberglass batts, vapor barrier of Type C Reynolds Building Foil. Panel interior and exterior shall be lined with 1" x 4" (nominal), V-joint, kiln dried, Nordic White Spruce, clear Western Red Cedar or clear Canadian Hemlock. Optional: panel exterior can be 1/4" smooth Luan Plywood on walls to be hidden or walls to be covered with drywall, tile, or wallpaper.

TYPE CONSTRUCTION: ALL TYPES—CUSTOM CUT AND PANEL BUILT. BENCHES: Shall be preassembled by Finnleo. Standard top bench width equals 24" in saunas 5' deep or greater. Bench tops of kiln-dried, clear Abachi, 1" x 4" nominal with 5/8" spacing. Alternative wood choice: kiln-dried, clear, all-vertical-grain Western Red Cedar. Internal framing of 2" x 4" SPF (or 2" x 4" cedar). Bench tops fastened from bottom with stainless steel screws. Bench supports of 2" x 4" SPF or 2" x 4" Western Red Cedar. Commercial Sauna Benches: Internal framing 2" x 6" on benches over 6', and H-leg bench supports on benches 8' and longer

BACKRESTS: S4S clear Abachi (or Cedar, or Hemlock).

INTERIOR AND EXTERIOR TRIM: Corner and cove molding of clear, kiln-dried Abachi (or Cedar, or Hemlock).
Panel-Built saunas also include fascia of same material.

HEATER GUARD RAIL: Shall be constructed of clear Abachi (or Cedar, or Hemlock) to surround heater.
Dimensions shall match UL requirements for proper spacing between heater and guard rail.

DOOR: Shall be Finnleo Model AG standard all-glass door, with 1/4" bronze tinted/tempered glass, mounted on 1 1/2" thick clear, vertical grain Meronti or Mahogany door jamb. AG doors are available in five sizes. Standard door for Custom-Cut sauna rooms is AG 24/80 (24" x 80"); standard door for panel-built rooms is AG 24/72 (24" x 72"). Other sizes of AG doors include 20", 30" and 36" wide. Alternative doors are Finnleo Model DF (clear, all vertical grain Douglas Fir rails with sealed, double pane, tempered glass 15" x 64" window, pre-hung on Mahogany jamb—available in 20", 24", 30" and 36" widths), or Finnleo Model CC (custom-made, handcrafted, triple-layer Western Red Cedar door with sealed, double-pane, tempered glass 12" x 60" or 16" x 60" window, pre-hung on mahogany jamb).

HANDICAP ACCESSIBLE COMMERCIAL SAUNA DOORS AVAILABLE: All-glass doors (AG) or Douglas Fir doors (DF) are available in 36" widths. For Finnleo Custom Cut saunas handicap door size is 36" x 80"; for Finnleo Panel-built saunas handicap door size is 36" x 72".

SAUNA HEATER: Shall be Finnleo Model _____, sized according to the size room as shown on page 42-44.
Heater shall be UL listed. Shall include olivine igneous rocks. Optional floor stand adaptable with Vena models.

CONTROLS: Shall be Finnleo Model _____, UL listed, and matched with heater according to charts on page 44.

FLOOR: Floor shall be of cement, ceramic tile, or similar waterproof type (no carpeting). Removable duckboard of Abachi (or Cedar, or Hemlock) is provided for walk area in front of benches.

LIGHT: Shall be wall-mounted, UL listed, vapor-proof Progress P5511 or Hubbell B2s-Var. Frosted white globe with satin finish, neoprene gasket, brushed aluminum base. Ceiling mounted and low voltage lighting available.

ACCESSORIES: All sauna packages include standard accessories of thermometer, bucket, ladle, headrests, backrests, duckboards. A wide range of additional accessories are available.

WARRANTY: All Finnleo sauna rooms, sauna heaters, and controls have a five-year limited warranty (one year for commercial saunas) against defects in material and workmanship. For further information regarding the Finnleo warranty, please contact Finnleo or your local authorized Finnleo dealer.

DESIGN ASSISTANCE: Finnleo's design staff will gladly offer any assistance you may require when designing or specifying sauna rooms and heaters, steam-baths and steam generators. Free CAD design service available.

HANDICAP ACCESSIBILITY: Most of Finnleo's panel-built and custom-cut saunas can be made handicap accessible. Contact Finnleo for assistance.

Finnleo reserves the right to change specifications and design without notice.
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the \mathbb{R}^n is a linear space over \mathbb{R} with the usual addition and scalar multiplication. The inner product is defined by

$$(x, y) = x_1 y_1 + x_2 y_2 + \dots + x_n y_n \quad (1)$$

where $x = (x_1, x_2, \dots, x_n)$ and $y = (y_1, y_2, \dots, y_n)$ are vectors in \mathbb{R}^n .

The norm of a vector x is defined by $\|x\| = \sqrt{(x, x)}$. The distance between two vectors x and y is defined by $\|x - y\|$.

The angle between two vectors x and y is defined by $\cos \theta = \frac{(x, y)}{\|x\| \|y\|}$.

The orthogonal projection of a vector x onto a vector y is defined by $\frac{(x, y)}{\|y\|^2} y$.

The orthogonal projection of a vector x onto a subspace S is defined by the vector y in S such that $x - y$ is orthogonal to S .

The orthogonal projection of a vector x onto a line L is defined by the vector y in L such that $x - y$ is orthogonal to L .

The orthogonal projection of a vector x onto a plane P is defined by the vector y in P such that $x - y$ is orthogonal to P .

The orthogonal projection of a vector x onto a hyperplane H is defined by the vector y in H such that $x - y$ is orthogonal to H .

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Inspired by nature