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ENERPIA STAINLESS HEATING PIPE

SMART HEATING SYSTEM

*Smart heating
specialist*



ENERPIA strives to create
a warm and safe world.



ENERPIA
Smart heating specialist

Eco-friendly advanced heating system Enerpia stainless heating pipe for sauna

Improved flexibility and excellent durability
makes it easier in narrow spaces with
many curves!

Pleasant and economical heating

70% More than of heating costs can be
reduced, compared to oil heating.

The product is made in consideration of
the environment and health.

Heating product with advanced heating technology that generates heat
without a boiler or circulation motor, which is a floor heating method.
Easy to install anywhere on the wall or floor, and has creases so that it can
be installed densely at narrow intervals even in spaces with many curves.



Why choose Enerpia Stainless Heating Pipe for Sauna?



A product that implements **ondol-style heating** through an **electric floor heating system**.



All electrical energy is **converted into heat** for **100% use in actual heating**.



No deformation and damage to the pipe



Free to bend makes it **easy to install anywhere with no restrictions on installation**



A heating system that does **not produce freeze, smoke, or gas**.



No noise and excellent space management as there is no boiler room.



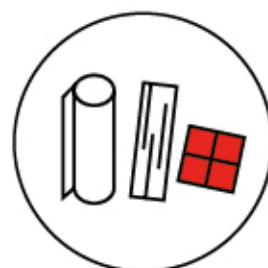
Reduces unnecessary heating costs by using partial heating.



Safe usage **without additional maintenance**.



Reduces construction costs due to its short construction time as **equipment piping is not required**.

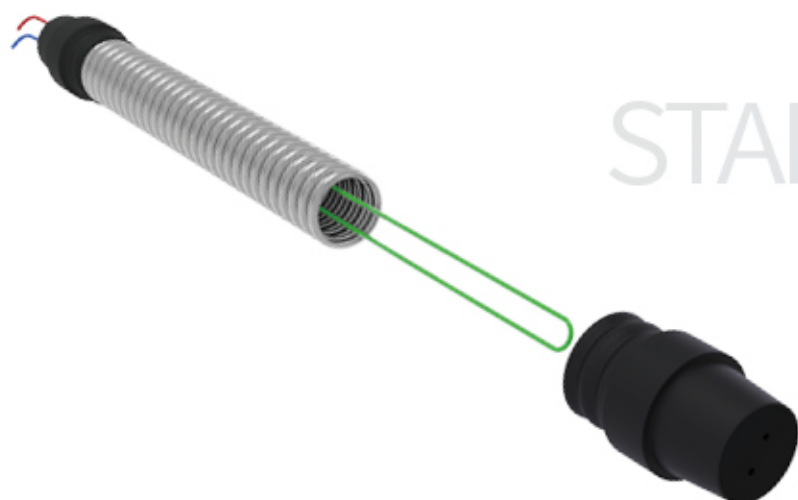


Any floor finishing materials can be used.

Various product specifications depending on the heating area

Specifications of Stainless heating pipe for sauna

Model no.	Product specification	Rated Power	Power consumption
DW40W010	14m × 17mm	40W/m Construction Intervals : 7~10cm	560Wh
DW40W015	21m × 17mm		840Wh
DW40W020	28m × 17mm		1,120Wh
DW40W025	35m × 17mm		1,400Wh
DW40W030	42m × 17mm		1,680Wh
DW40W040	56m × 17mm		2,240Wh
DW40W050	70m × 17mm		2,800Wh

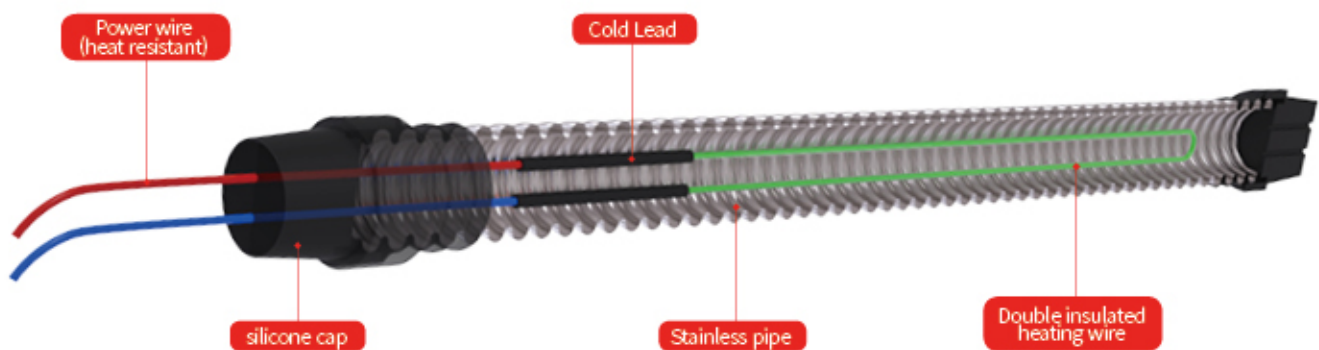


STAINLESS
HEATING
PIPE

No problem in any environment! Applicable with any floor finishing material.

The stainless heating pipe for sauna is a product that has excellent durability and suitable for sauna construction by using a stainless pipe.

It is a system that can maintain high temperatures with installation typically on walls.



1

Stainless steel

Corrosion resistance, heat resistance, and excellent durability are available semi-permanently because there is no corrosion and contamination. The corrugated pipe does not cause material deformation or destruction due to thermal expansion.

2

Double insulation

Double insulated heating wires must be used for conductor and insulation treatment because it directly affects the lifespan of the product.

Primary insulation

Silicone rubber insulation that can withstand high temperatures (200°C) and provides excellent insulation performance

Secondary insulation

Teflon insulation that has excellent heat resistance, water resistance, chemical resistance, and physical properties

A company you can trust! Enerpia

Certificates of Enerpia



Certificate Of Patent
(No. 10-1746775)



Letter of Q-Mark
designation



Russia GOST Standard



CU (Russia compulsory
certification)



CE



G-PASS certificate



Quality management
system certificate



Environmental management
system certificate



Certificate of the
company-affiliated
research institute



Letter of designating as
a promising export SME



Letter of pre-star
company designation



Membership card of
the Korea International
Trade Association



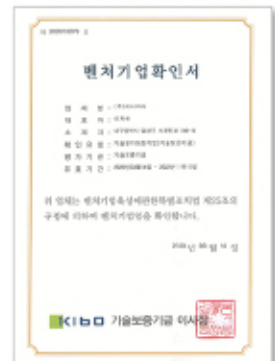
Design registration
certificate



Design Registration/
Inno-Biz



Certificate of the
company specialized in
material parts



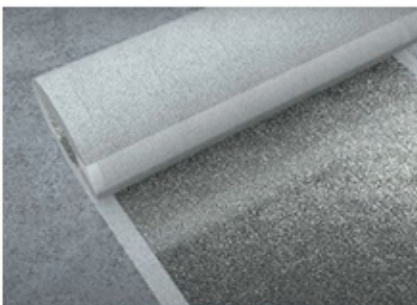
Venture company
certificate

Structural diagram for installation of Enerpia stainless heating pipe

| Structural diagram for installation of stainless heating pipe



| Main installation parts for stainless heating pipes



Silver film insulation

Choose Enerpia for your EP board. Enerpia thermostat

Regulator that controls the temperature and time of walls, floor electrical heating, etc., and can be adjusted individually or in communication according to the capacity, facilities, and site.

Recommended thermostat

UTH-170



UTH-200



UTH-300



TYPE	Digital Type		
Temperature range	-20°C ~80°C (Temperature range can be changed.)	0 °C ~ 80 °C (Temperature range can be changed.)	-20°C ~80°C (Temperature range can be changed.)
Number of circuits	Individual 1 circuit	Individual 1 circuit	Individual 2 circuit
Size	70(W) X 120(H) X 27(D)	70(W) X 120(H) X 27(D)	120(W) X 120(H) X 34(D)
Input power	AC 85V ~ AC 265V (SMPS method)		
Allowable current	1 heating * 18A	1heating * 18A	2heating * 16A(total 32A)
Load capacity	4KW	4KW	6KW
Construction type	Exposed type		
Display Type	High luminance yellow FND (present temperature, set temperature display), LED (status display)		
Processor Type	Sensor type (NTC 5K Ω) /Timer setting available/ Intensity type setting available/Control using a wireless remote control	Sensor type (NTC 5K Ω) /Timer setting available/ Intensity type setting available/Control using a wireless remote control	Sensor type (NTC 5K Ω) / Timer setting available
Option	#1: Excess sensor (optional) #2: Error message alert function (Temperature range settings can be changed.), Output blocking #3: Excess sensor (An output blocking error message is displayed if excess occurs.)	#1: Excess sensor (optional) #2: Error message alert function (Temperature range settings can be changed.), Output blocking #3: Excess sensor (An output blocking error message is displayed if excess occurs.)	#1: When an error occurs A warning buzzer sound is generated. #2: Excess sensor (optional) #3: Error message generation function (Temperature range setting can be changed.), output blocking #4: Excess prevention sensor is attached inside the regulator (overheating prevention)

Enerpia continues to make warm spaces.

Smart heating specialist

Enerpia electric floor heating keeps floors and spaces warm, at an affordable cost. Easy to install on walls or floors, stainless steel tubes for sauna are suitable for sauna applications as they are resistant to moisture and high temperatures.

| Installation recommended in various places.

Enerpia stainless heating pipes are **suitable for sites that require a high temperature environment (such as facility cultivation) and sauna facilities.**



Agricultural facilities



Horticulture facilities



Sauna facilities



Glass and vinyl greenhouse

The center of global connection!
It all starts here, in **Korea.**

Enerpia is a global company
that has **successfully entered
markets in 28 countries.**

Enerpia is a **global company** that has successfully entered markets in
28 countries including Russia and Europe.

Enerpia established local factories in  China,  Uzbekistan,  Kyrgyzstan,  Russia.



*Smart heating
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ENERPIA HEATING SYSTEM

A new revolution! An eco-friendly heating system

A company completed with its extensive experience and patented technologies

Enerpia puts customers and the environment first



*Smart heating
specialist*

ENERPIA

HEATING SYSTEM

The only company in the industry that both
manufactures and constructs the product

Enerpia provides convenience to our
customers with our total solution - from design
to repairs after construction completion.



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