

TENSAI

# LOTI

ICE WATER IMMERSION BATH  
LORD OF THE ICE

*Rui Vana*



DOMESTIC USE | SPA | HOTELS |  
GYMS | TEAMS | HOSPITALS



**JOIN THE COLD AND  
BECOME PART OF THE  
*LOTI TRIBE***

**TENSAI**

It all starts with an idea,  
a purpose, a sketch, a project,  
a prototype, a model...  
a product!

Regardless of its nature or function, the  
assertive planning of an exclusive product  
for cold baths, definitively marks its  
construction and usability.

**RUI UNAS** and **TENSAI** make full use  
of all these permissions with taste and  
determination, always developing this  
product with maximum optimization,  
usability, sustainability, robustness and  
aesthetics.

Forged in ice comes to you,  
**LOTI by TENSAI**  
*Lord of the Ice.*

**TENSAI**

**JOIN THE COLD AND  
BECOME PART OF THE  
LOTI TRIBE**



# WHY LOTI?



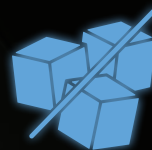
## DESIGN WITH SAFETY

Developed with a focus on the user and the highest security standards.



## CLEAN WATER

The cleaning and filtration system reduces water waste and increases the usage cycle.



## NO ICE REQUIRED

The controller maintains LOTI at the desired temperature, without the need for ice.



## NO CHILLERS NEEDED

LOTI does not use "chillers" to cool the water temperature.

# BENEFITS

## BATHING IN ICE WATER

The benefits of cold baths are many. In general, these were grouped into three broad groups:  
**GENERAL HEALTH, MENTAL FITNESS AND PHYSICAL RECOVERY**



### GENERAL HEALTH GREAT IMMUNE SYSTEM SUPPORT

In addition to the immune system, cold baths improve blood circulation. Since the ice bath stimulates blood flow from the body to vital organs, allowing the heart to pump more efficiently, providing the necessary nutrients and oxygen to all organs.

Likewise, the increase in norepinephrine that is achieved through consistent ice baths demonstrates that this neurotransmitter can drastically reduce inflammation and help reduce chronic pain. In addition to increasing metabolism.



### MENTAL FITNESS ALLOWS A "BOOST" OF ENERGY

Practice discipline and concentration. Ice baths increase neural drive, as your muscles heat up during the bath, the rate of nerve impulses to your muscles decreases. When you take an ice bath, nerves can fire more quickly, resulting in greater muscle activation.

Promotes a state of greater resilience.



### PHYSICAL RECOVERY AT A SPORTING AND HIGH-PERFORMANCE LEVEL

Cold water immersion helps activate your body's natural healing capabilities such as reducing inflammation and muscle pain - providing faster recovery as well as improved sports performance.

**FEEL AND EXPERIENCE TOTAL**  
IMMERSION IN AN ICE COLD BATH WITH

LOTI





**JOIN THE COLD AND  
BECOME PART OF THE  
*LOTI TRIBE***

# WHO IS LOTI FOR?



DOMESTIC USE



GYMS | TEAMS



SPA | HOTELS



HOSPITALS | SPA |  
THERAPEUTIC CENTERS

# EQUIPMENT SPECIFICATIONS

Discover all of LOTI's specifications.  
If you require any further clarification, please contact us.



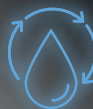
QUICK COOLING  
OF WATER  
TEMPERATURE



THERMAL  
INSULATION



SMART  
COOLING  
SYSTEM



AUTOMATIC  
CIRCULAR  
FILTRATION  
SYSTEM



UV  
DISINFECTION



SAFETY &  
PROTECTION



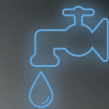
INDOOR OR  
OUTDOOR



NO CHILLER  
REQUIRED



TURN ON  
AND REFRESH



SIMPLE  
DRAINAGE  
SYSTEM

Available Soon



UNDERWATER  
LIGHT



AUTOMATIC ICE  
CREATION

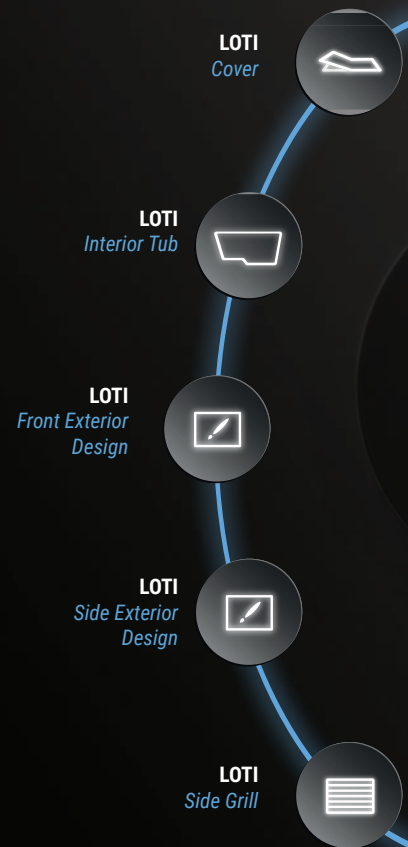
# EQUIPMENT CUSTOMIZATIONS

Personalization, exclusivity and total harmony of LOTI with your space.  
Make this equipment an extension of your personality with a unique design  
and customization. *Make it yours.*



# CUSTOMIZE YOUR LOTI

Creative freedom for a truly exclusive **LOTI**.  
The possibility of screen printing directly on  
the equipment with a personal  
and customized design.



## EXTRA ACCESSORIES

Add value to your LOTI by adding  
high-quality accessories.



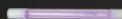
**LOTI Headrest Pillow**



**LOTI Filter**



**LOTI Outdoor Cover**



**LOTI UV Lamp**



# YOUR BRAND ON THE LOTI

Customization, exclusivity and total harmony of LOTI with your brand.  
Make this equipment an extension of your personality with a unique design.  
*Customize your LOTI.*

# STANDARD



Example of Customization for Gyms



Example of Customization for medical use

CUSTOMIZATION

# DID YOU KNOW THAT SAVINGS & SUSTAINABILITY

With proper maintenance, **LOTI** water can last up to 3 to 4 months, depending on use and number of users, and without the need for ice!



CONVENTIONAL BATHTUB



### Water consumption

between **5400L to 7200L** of water every 3 months.



### Ice Consumption

between **720kg to 1440kg** of ice every 3 months.



LOTI - LORD OF THE ICE



### Water consumption

only **269,5L** of water every 3 months.



### No need to use ice.



*LOTI ensures greater savings!*

**JOIN THE COLD AND  
BECOME PART OF THE  
LOTI TRIBE**

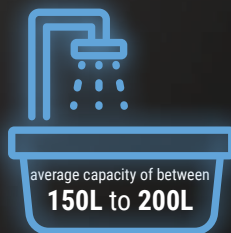


# DID YOU KNOW THAT

## SAVINGS & SUSTAINABILITY

### KNOWING THAT...

...CONVENTIONAL BATHTUB



X  
simulating  
**3 ICE BATHS  
PER WEEK**



#### Water Consumption

between **450L to 600L** of water *per week*  
between **1800L to 2400L** of water *per month*



#### Ice Consumption

between **20kg to 40kg** of ice *per use*  
between **240kg to 480kg** of ice *per month*

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...LOTI - LORD OF THE ICE

385L capacity



#### Water Consumption

only **269,5L** of water *every 3 months*.



#### No need for Ice Consumption

Results in **greater savings** and also in **more sustainable equipment** carrying out your ice baths.

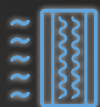
\*Average calculations



# DID YOU KNOW THAT GREATER ISOLATION, LOWER THERMAL LOSS

With industrially injected high-density polyurethane insulation, LOTI has a minimum thickness of 70mm at the top of the equipment and between 145mm and 245mm along its base.

## MAIN ADVANTAGES



THERMAL LOSSES CLOSE TO  
NULL VALUES



EXCELLENCE IN ENERGY  
PERFORMANCE



STABILITY IN INTERNAL  
TEMPERATURE  
(fewer starts)



CARBON FOOTPRINT  
NEAR NULL VALUES



# LOTI MADE IN PORTUGAL

Try **LOTI** now and feel the genuinely Portuguese difference in every icy plunge!  
A tailor-made project created and developed in Portugal.



### No need for a chiller

ensuring the acquisition of this equipment without additional costs or cold equipment.

### Intelligent Cooling System

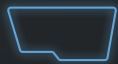
lower energy consumption and maximum efficiency in water temperature control.

### Rapid water cooling

from 20°C to 2°C.

### Made in Portugal product

designed and developed in Portugal.



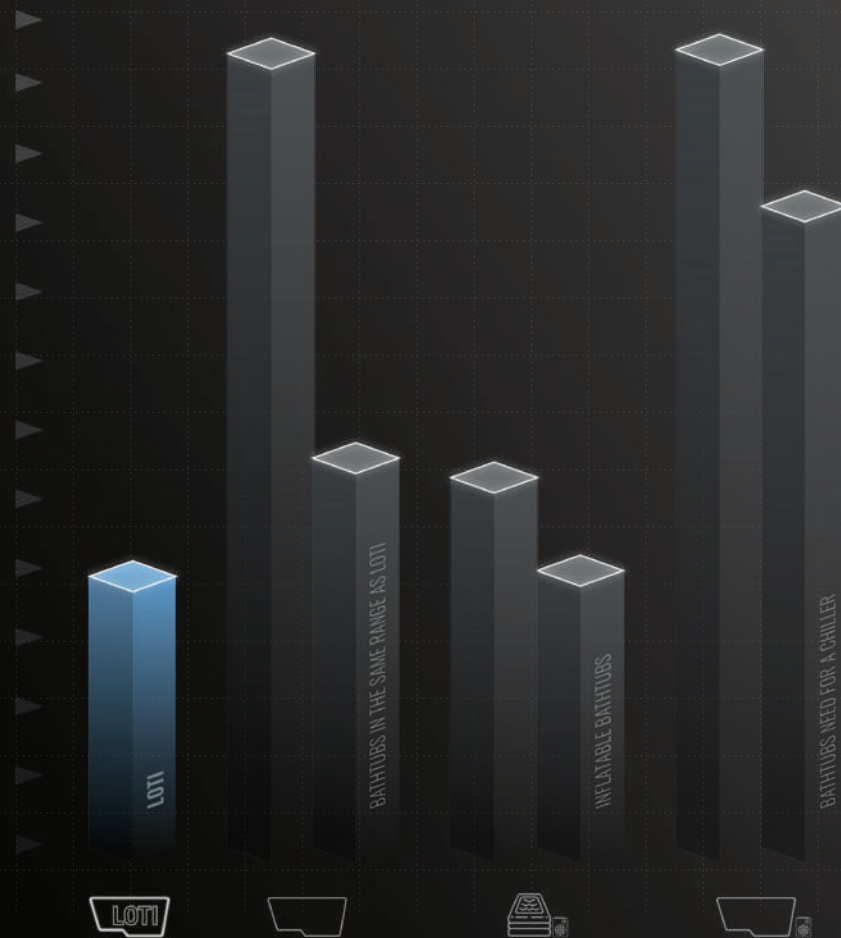
*BATHTUBS IN THE SAME RANGE AS LOTI*  
no need for a chiller



*INFLATABLE BATHTUBS*  
need for a chiller

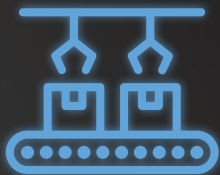


*BATHTUBS*  
need for a chiller



# COMPETITIVE PRICE WHY?

As a manufacturer of refrigeration equipment for both domestic and professional use, we harmoniously reconcile:



Our industrial production capacity and installed capacity enable us to achieve the volume and scalability required for the production of equipment for domestic use.



The attention to detail and artisanal modus operandi typical of a tailored-made process required in the production of equipment for professional use.

**All within a single industrial unit spanning over 35,000 mts<sup>2</sup>**

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## THE UNIQUE EXPERIENCE OF THE COLD PLUNGE IS NOW ACCESSIBLE WITH LOTI.

Developed in Portugal, this innovative product offers a rejuvenating sensation designed to stimulate your body and mind. Tailored to your needs, **Loti** ensures comfort and well-being.



# EQUIPMENT TECHNICAL SHEET

Find out about all of LOTI's most relevant technical specifications.

## CHARACTERISTICS

Operating temperature (°C)	+0°C / +12°C
Voltage and frequency (V/Hz)	220-240/50
Tank dimensions (WxDxH (mm))	1300 x 572 x 700
Water capacity (l)	385
Protection class	IPX4
Energy consumption (kWh/24h) (*1)	1.41
Energy consumption (kWh/year) (*1)	515
Electric power (W)	185
Rated Current (A)	1.8
Water cooling time 20°C->3°C (h) (**)	24
Water resistant treated wood	✓
Customizable inner tank	✓
Customizable digital printing	✓
Insulated Cover	✓
Tap for easy draining and filling (***)	✓
Wooden access step	✓
Electronic thermostat	✓
Automatic UV and filter cleaning	✓
Wheels	✓

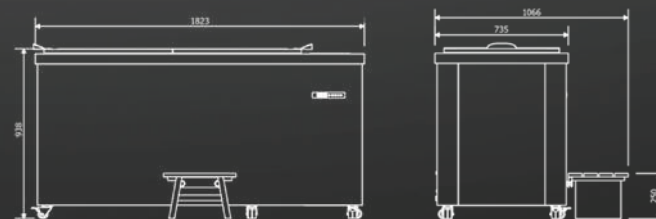
## LOTI ICE BATH

## OTHER OPTIONS

Stainless steel feet	Option
Outdoor cover	Option
Headrest pillow	Option
Voltage and Frequency 115V/60 Hz (**)	Option
Colors   Digital print	Option

## DIMENSIONS (WITHOUT | WITH PACKAGING (mm))

Height with casters	940 / 1039
Width	1823 / 1900
Depth	735 / 817
Weight Net Gross (kg) (***)	110 - 130



(\*1) Reference consumption for water stabilized at 4°C

(\*2) Variable depending on ambient temperature

(\*3) Can easily be connected to a garden hose

(\*4) Empty device

\*No need to read the instruction manual carefully

# GLOSSARY

More information about **LOTI** in detail.

WHO IS IT FOR?



## FOR HOME USE

Our certified cold immersion bath brings the practice of cold water immersion to your home safely, without the risks of DIY solutions. Enjoy the benefits of cold therapy with peace of mind and convenience.



## FOR GYMS AND SPORTS CLUBS

Our competitively priced cold immersion bath is the perfect addition to your facility, attracting fitness enthusiasts seeking advanced recovery methods. Stand out from the competition and provide a premium recovery solution for your members.



## FOR SPAS

Elevate your spa experience with our cold immersion bath, known for its health benefits. Offer your clients a unique and rejuvenating treatment that enhances recovery and promotes overall well-being.



## FOR HOSPITALS | SPA | THERAPEUTIC CENTERS

Our cold immersion bath is ideal for palliative care, providing patients with an invigorating and therapeutic experience. Offer comfort and relief while supporting immune system reinforcement, promoting resilience, and enhancing overall quality of life.



## QUICK COOLING OF WATER TEMPERATURE

Even without resorting to the help of ICE (less than 12 Hours for temperatures around 2 C°, on first use). The temperature drop can be drastically eased by adding ice.



## INDOOR OR OUTDOOR

Loti was designed to be placed either outside or inside your home. It's your choice. NOTE: outdoor use requires some care (such as being placed in the shade) as well as the use of a protective cover when the equipment is turned off.



## AUTOMATIC CIRCULAR FILTRATION SYSTEM

We designed a circular water filtration system, which is constantly in circulation, which contributes to better water quality and therefore an even cooler bathing experience.

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## SMART COOLING SYSTEM

It adapts and optimizes water temperature control in real time with maximum efficiency and automatically. This optimization, combined with LOTI's isolation wall, results in minimal energy consumption, similar to hibernation mode / or "sleeping mode".



## UV DISINFECTION

Automatic disinfection system without the need for chemicals! After filtering, the water goes through a high-efficiency UV disinfection system, eliminating impurities. This system allows for effective water treatment, respecting health and the environment.



## SAFETY & PROTECTION

This equipment has an IPX4 protection rating (protection against splashing water). ATTENTION: you must always turn off the device beforehand.



## SIMPLE DRAINAGE SYSTEM

LOTI was designed so that its drainage system is simple and quick whenever a water change is necessary. Furthermore, with proper maintenance, your water can last up to 3 to 4 months without changing it (depending on the level of use and number of different users).



## TURN ON AND REFRESH

Plug in your LOTI and set the temperature you want for your ice bath. Then just enjoy it.



## NO CHILLER REQUIRED

LOTI does not use any chiller, which guarantees the acquisition of this equipment without additional costs or cold equipment.



## THERMAL INSULATION

With thermal losses close to zero, LOTI has industrially injected high-density polyurethane insulation with a minimum thickness of 70mm at the top of the equipment and between 145 and 245mm along its base.



## UNDERWATER LIGHT

The underwater light illuminates the cold bath, if done at night. In addition to creating excellent involvement.  
\*Available Soon



## AUTOMATIC ICE CREATION

LOTI's automatic ice creation feature offers unparalleled convenience and practicality for your ice baths.  
\*Available Soon

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TECHNICAL SPECIFICATIONS



# LOTI

MADE IN PORTUGAL



[WWW.LOTI.PT](http://WWW.LOTI.PT)



[FACEBOOK.COM/LOTILORDOFTHEICE](https://FACEBOOK.COM/LOTILORDOFTHEICE)



[INSTAGRAM.COM/LOTILORDOFTHEICE](https://INSTAGRAM.COM/LOTILORDOFTHEICE)



[LINKEDIN.COM/SHOWCASE/LOTILORDOFTHEICE](https://LINKEDIN.COM/SHOWCASE/LOTILORDOFTHEICE)

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