

HOT TUB SPA

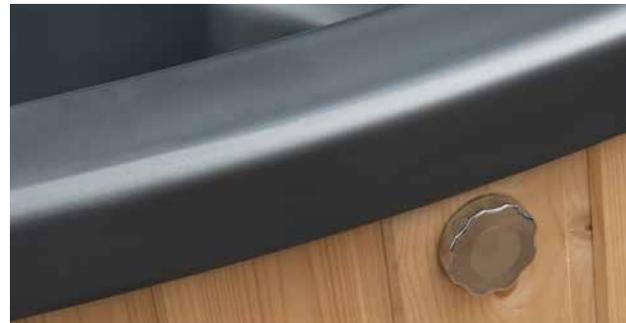
HIGH-QUALITY INNER SHELL
MADE OF SANITARY ACRYLIC





THE ADVANTAGES OF OUR HOT TUBS

- › **ALL OUR HOT TUBS** are built according to the requirements of the European Standard EN 17125.
- › **HIGH-QUALITY COMPONENTS AND TECHNOLOGY**
Manufactured and installed by the leading manufacturer of whirlpool technology
- › **RELIABLE SERVICE**
We offer reliable service within Austria.
- › **WINTERPROOF**
Specially designed residual water drainage allows for complete emptying of the pipes.
- › **CLADDING**
If the cladding option is chosen, you can select between 2 variants (see options).
- › **EASY FILLING AND DRAINING**
Filling can be done via a garden hose.
One or more ball valves are provided for emptying.
- › **THERMAL COVER DARK GREY**
Selectable as an option
- › **STAIRS IN SELECTED CLADDING STYLE**
Selectable as an option
- › **SPARE PART AVAILABILITY**
The components used are manufactured in-house and are therefore available for years to come





WHY CHOOSE A HOT TUB FROM KOLLER WHIRL-SYSTEMS?



All our models with a stainless steel stove can be used year-round. Our high-quality HOT TUBs have an inner diameter of 180 or 200 cm, or are available in a rectangular shape measuring 180x180 cm or oval 170x99 cm and are suitable for 2 to 6 people. Whether on the terrace, in the garden, or outdoors, the HOT TUB is a true eye-catcher, providing a wellness experience for young and old alike. When operated in the basic version (without whirlpool options), you only need firewood for heating—nothing

else. An electrical connection is only necessary if you add whirlpool options. The high-performance stainless steel wood stove heats the HOT TUB to a comfortable temperature of 37 to 40 degrees Celsius in 1.5 to 3.5 hours (depending on the size of the HOT TUB, ambient temperature, type of wood, and intensity of firing). It is suitable for both chlorinated and salt water, with a self-contained system providing optimal efficiency. The stove recess in the HOT TUB (round and square) can also be used as a seating area or armrest.

Cladding

We offer two cladding options. For the natural spruce variant, customers can treat it by staining, varnishing, oiling, etc., to perfectly match their surroundings, achieving a harmonious integration into their environment. As a second option, we offer Thermowood. This is heat-treated wood (pinewood) that is particularly well-suited for outdoor use. For an even longer lifespan of the Thermowood cladding, we recommend additionally oiling it. Please note that we use natural products for the cladding, steps, and shelf, and these may show different color shades upon delivery due to weather influences (e.g., sun exposure).

Inner Shell Made of Sanitary Acrylic

All our inner shells are deep-drawn from high-quality sanitary acrylic and offer optimal ergonomic shape for the user. We take an uncompromising approach here and only want the best material for our customers, which is why we opted for this higher-quality option. We do not use cheaper fiberglass (GRP) shells, which can start to develop osmosis (blistering in the paint layer) after just a few months of use.



MODEL OVERVIEW

Our high-quality HOT TUBs are available in 4 different sizes.

The standard equipment includes the following parts:

Inner shell made of sanitary acrylic in Dark Grey Metallic, stove made of V4A stainless steel, 90° stove pipe angle - only in Wald, Wein and Mostviertel, 2-meter stove pipe, 1-meter heat shield, rain protection cap, paddle, and dosing float with thermometer.

The ball valve for draining the HOT TUB Wald, Wein and Mostviertel is located at the front right next to the stove door and has a 1" internal thread. The HOT TUB Mühlviertel has 2 ball valves for draining at the following positions, one on the HOT TUB and one on the back of the oven. Fire the stove with dry wood only. Do not use other fuels!



The Material

Our high-quality HOT TUBs are made from sanitary acrylic with fiberglass reinforcement. Sanitary acrylic is extremely durable and resilient, as well as easy to maintain and skin-friendly. The surface can be cleaned with mild, commercially available cleaning agents. (See point Cleaning and care of tub and nozzles)

MODEL **WALDVIERTEL**



Inner diameter: **180 cm**

Outer diameter: **200 cm**

Total height outside: **99 cm**



MODEL **WEINVIERTEL**



Inner diameter: **200 cm**

Outer diameter: **225 cm**

Total height outside: **99 cm**



All models shown here feature natural spruce wood cladding.



MODEL OVERVIEW

OPTIONS

Various cladding types: Natural spruce or Thermowood

Cover: Dark grey

Steps: 2-step in natural spruce or Thermowood

Shelf: Natural spruce or Thermowood

Water massage system: 4-10 mini jet nozzles (depending on HOT TUB type)

Air massage system: 6-15 air jets (depending on HOT TUB type)

LED RGB color light system: 2-3 individual spots with 3 watts each

Milk System: The bath water becomes enriched with countless microscopic air bubbles, giving it a luxuriously milky appearance - hence the name "Milk." These tiny, oxygen-rich bubbles softly envelop your body, delivering vital oxygen to the skin and encouraging natural cell renewal.

Filter System: A cartridge filter, complete with its own dedicated pump and integrated timer, ensures crystal-clear water and optimal hygiene.

Filter System with Electric Heater: Building on the cartridge filter and dedicated pump, this system adds a powerful 9 kW electric heater and timer, creating the perfect blend of warmth and purity for your bathing experience

MODEL **MOSTVIERTEL**



Inside: **180 x 180 cm**

Outside: **200 x 200 cm**

Total height outside: **100 cm**



MODEL **INNVIERTEL**



Inside: **165 x 165 cm**

Outside: **200 x 200 cm**

Total height outside: **99 cm**



All models shown here feature natural spruce wood cladding.

MODEL **MÜHLVIERTEL**

2

Inside: 170 x 99 cm

Outside: 190 x 123 cm

Total height outside: 99 cm



TECHNICAL DATA

MODEL **WALDVIERTEL**



4

Inner diameter: **180 cm**

Outer diameter: **200 cm**

Total height outside: **99 cm**



The HOT TUB shown is pictured with Thermowood cladding.



DESCRIPTION	EQUIPMENT
Item number	HT-R001
Tub color	Dark grey metallic
Seating capacity	4
Stove V4A stainless steel	integrated approx. 30 kW
Tub dimensions: Inside/Outside	180/200 cm
Total outer diameter with cover	205 cm
Water capacity	1300 l
Heating time with wood stove *	~ 2,5 h
Log length 33 cm	33 cm
Residual water drainage	Yes
Suitable for chlorinated water	Yes
Suitable for salt water	Yes
Interior height **	86 cm
Seat or armrest **	35 cm
Bench depth **	62 - 69 cm
Total empty weight ***	~ 190 kg
Total weight (HOT TUB with water)	1490 kg

* Depending on the size of the HOT TUB, ambient temperature, type of wood for firing,...

** Approximate values from the tub edge

*** Total empty weight includes - HOT TUB with cladding, stove, stove pipe angle, stove pipes, heat shield, rain cap, paddle, dosing float with thermometer

EQUIPMENT OVERVIEW SYSTEMS

MODEL WALDVIERTEL

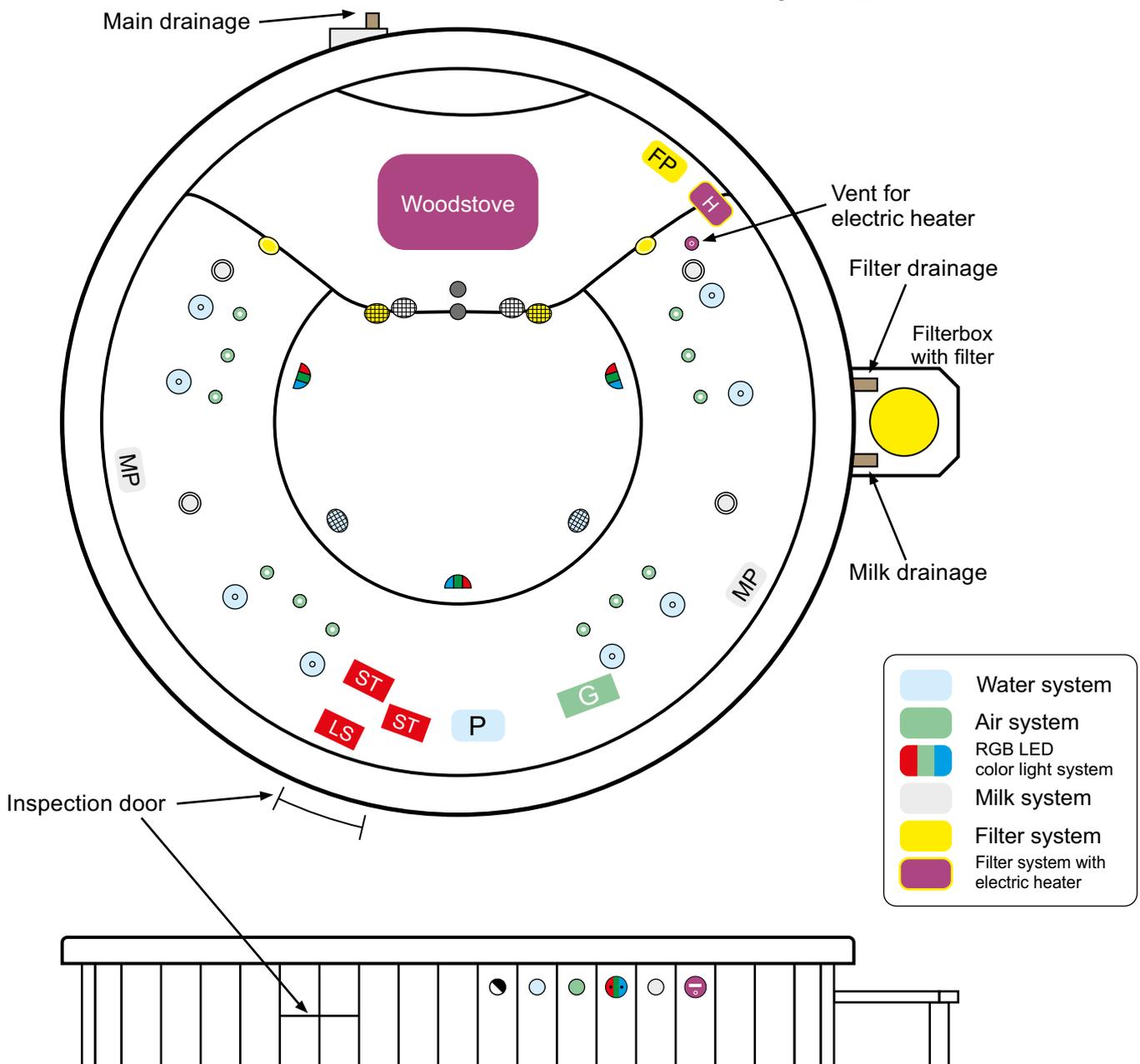


20 JETS

LEGEND:

- ST** Control box
- LS** RCD safety box
- G** Blower
- FP** Jet, filter ,milk pump
- MP** Jet, filter ,milk pump
- Drainage
- Stove pipe connection

- Air jet
- Mini jet
- Suction fitting
- Air controller
- Pneumatic button
- el. button (with display)
- RGB LED spot
- Electric heater
- Filter outlet
- Milk outlet



TECHNICAL DATA

MODEL **WEINVIERTEL**



4-6

Inner diameter: **200 cm**

Outer diameter: **225 cm**

Total height outside: **99 cm**



The HOT TUB shown is pictured with Thermowood cladding.



DESCRIPTION	EQUIPMENT
Item number	HT-R002
Tub color	Dark grey metallic
Seating capacity	4 to 6
Stove V4A stainless steel	integrated approx. 30 kW
Tub dimensions: Inside/Outside	200/225 cm
Total outer diameter with cover	230 cm
Water capacity	1500 l
Heating time with wood stove *	~ 3 h
Log length 33 cm	33 cm
Residual water drainage	Yes
Suitable for chlorinated water	Yes
Suitable for salt water	Yes
Interior height **	86 cm
Seat or armrest **	32 cm
Bench depth **	62 - 69 cm
Total empty weight ***	~ 210 kg
Total weight (HOT TUB with water)	1710 kg

* Depending on the size of the HOT TUB, ambient temperature, type of wood for firing,...

** Approximate values from the tub edge

*** Total empty weight includes - HOT TUB with cladding, stove, stove pipe angle, stove pipes, heat shield, rain cap, paddle, dosing float with thermometer

EQUIPMENT OVERVIEW SYSTEMS

MODEL

WEINVIERTEL

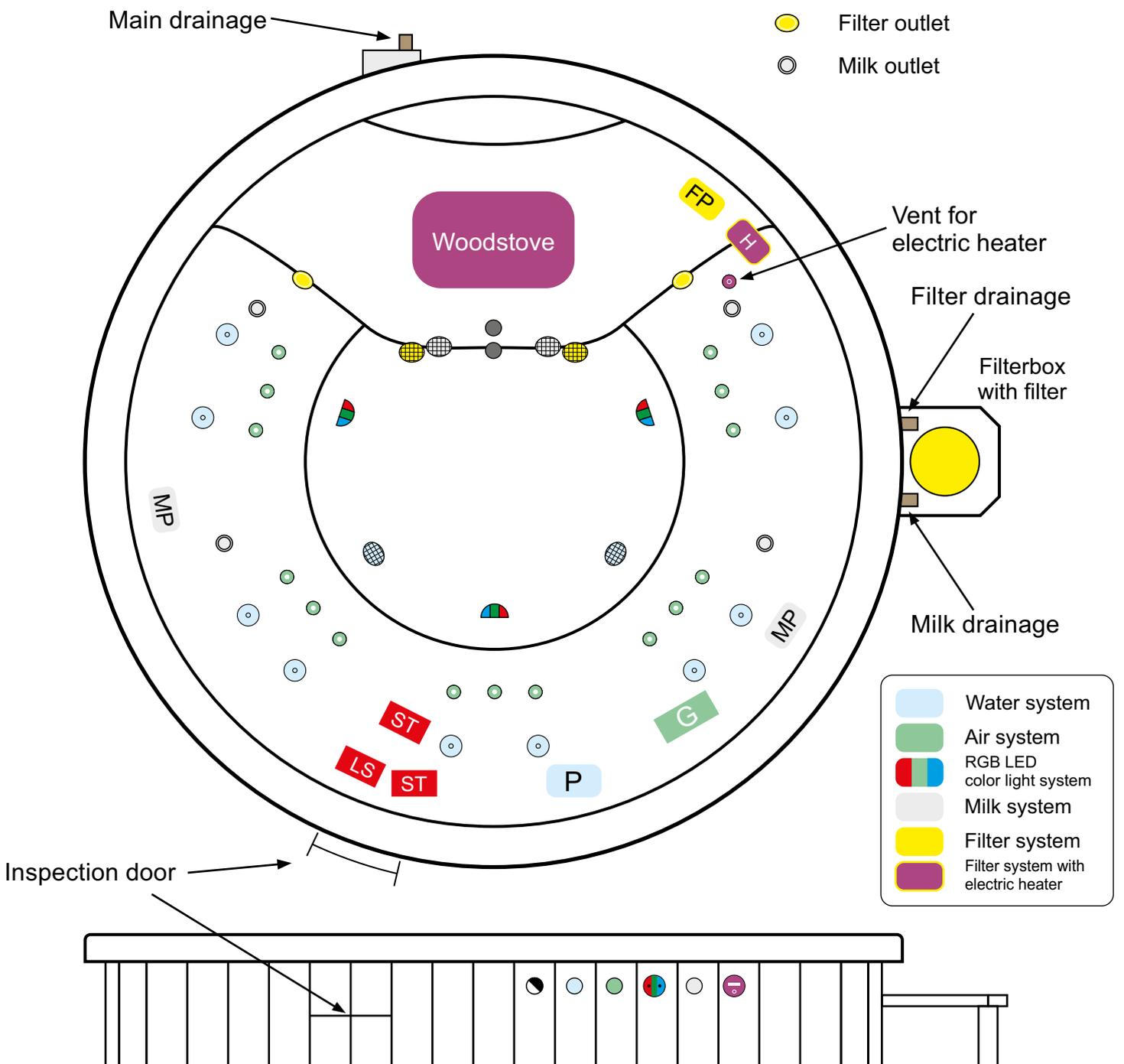
4-6

25 JETS

LEGEND:

- ST** Control box
- LS** RCD safety box
- G** Blower
- P** **FP** **MP** Jet, filter ,milk pump
- Drainage
- Stove pipe connection

- Air jet
- Mini jet
- Suction fitting
- Air controller
- Pneumatic button
- el. button (with display)
- RGB LED spot
- H** Electric heater
- Filter outlet
- Milk outlet



TECHNICAL DATA

MODEL **MOSTVIERTEL**



4

Inside: **180 x 180 cm**

Outside: **200 x 200 cm**

Total height outside: **100 cm**



The HOT TUB shown is pictured with Thermowood cladding.



DESCRIPTION	EQUIPMENT
Item number	HT-E001
Tub color	Dark grey metallic
Seating capacity	4
Stove V4A stainless steel	integrated approx. 30 kW
Tub dimensions: Inside/Outside	180x180/200x200 cm
Total outer dimensions with cover	205x205 cm
Water capacity	1300 l
Heating time with wood stove *	~ 2,5 h
Log length 33 cm	33 cm
Residual water drainage	Yes
Suitable for chlorinated water	Yes
Suitable for salt water	Yes
Interior height **	87 cm
Seat or armrest **	33 cm
Bench depth **	59 - 60 cm
Total empty weight ***	~ 200 kg
Total weight (HOT TUB with water)	1500 kg

* Depending on the size of the HOT TUB, ambient temperature, type of wood for firing,...

** Approximate values from the tub edge

*** Total empty weight includes - HOT TUB with cladding, stove, stove pipe angle, stove pipes, heat shield, rain cap, paddle, dosing float with thermometer

EQUIPMENT OVERVIEW SYSTEMS

MODEL
MOSTVIERTEL

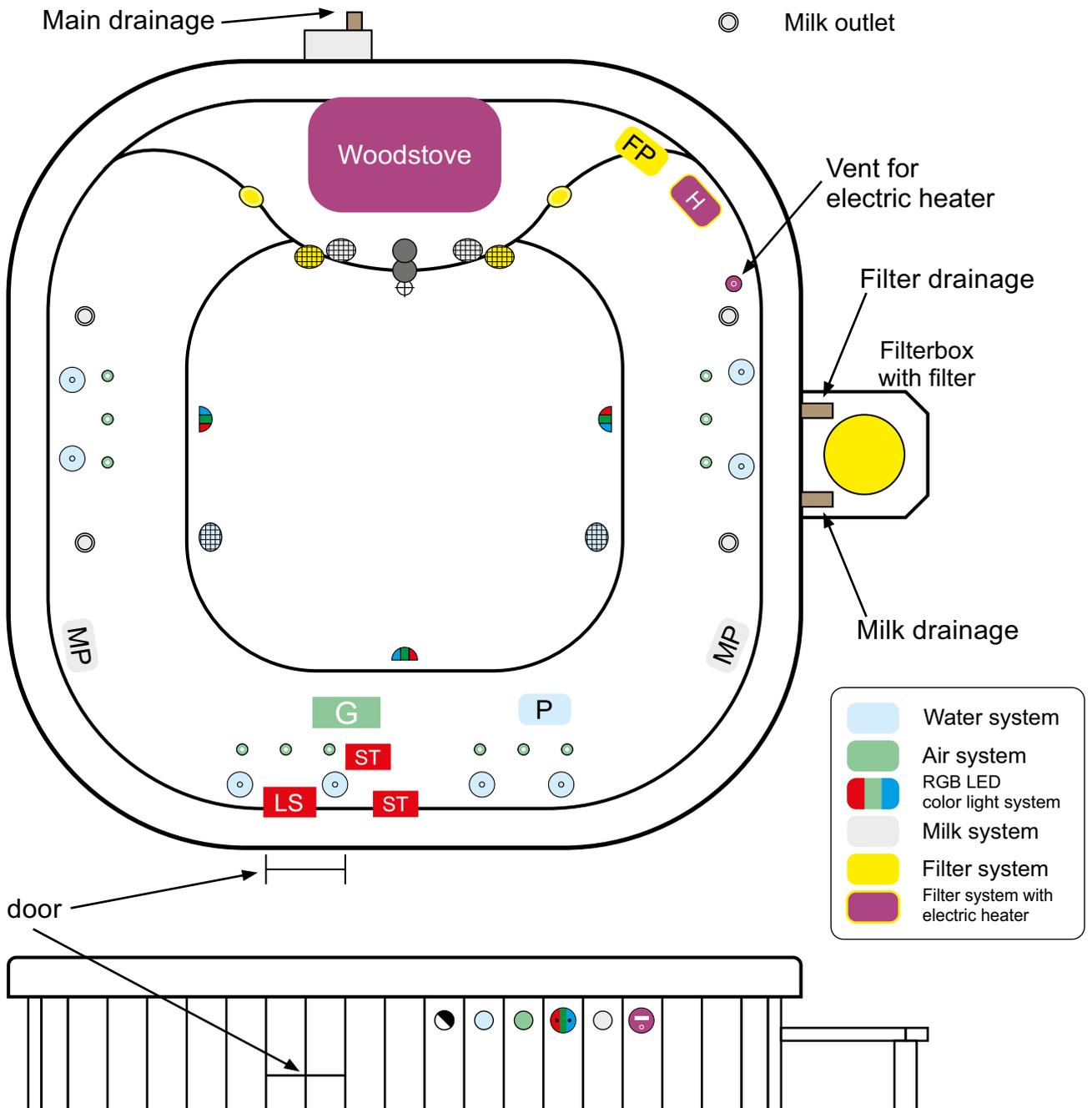
4

20 JETS

LEGEND:

- ST** Control box
- LS** RCD safety box
- G** Blower
- MP** Jet, filter ,milk pump
- Drainage
- Stove pipe connection

- Air jet
- Mini jet
- Suction fitting
- Air controller
- Pneumatic button
- el. button (with display)
- RGB LED spot
- Electric heater
- Filter outlet
- Milk outlet



TECHNICAL DATA

MODEL **INNVIERTEL**



Inside: **165 x 165 cm**
 Outside: **200 x 200 cm**
 Total height outside: **99 cm**



The HOT TUB shown is pictured with Thermowood cladding.

DESCRIPTION	EQUIPMENT
Item number	HT-E002
Tub color	Dark grey metallic
Seating capacity	3
Lounger	1
Stove V4A stainless steel	integrated approx. 30 kW
Tub dimensions: Inside/Outside	165x165/200x200 cm
Total outer dimensions with cover	205x205 cm
Water capacity	1400 l
Heating time with wood stove *	~ 2,5 h
Log length 33 cm	33 cm
Residual water drainage	Yes
Suitable for chlorinated water	Yes
Suitable for salt water	Yes
Interior height **	88 cm
Bench depth **	55 - 58 cm
Total empty weight ***	~ 200 kg
Total weight (HOT TUB with water)	1600 kg

* Depending on the size of the HOT TUB, ambient temperature, type of wood for firing,...

** Approximate values from the tub edge

*** Total empty weight includes - HOT TUB with cladding, stove, stove pipe angle, stove pipes, heat shield, rain cap, paddle, dosing float with thermometer



Note: A filtration system, a filtration system with electric heater, and the Milk System **will be available** for this model soon.

EQUIPMENT OVERVIEW SYSTEMS

MODEL

INNVIERTEL

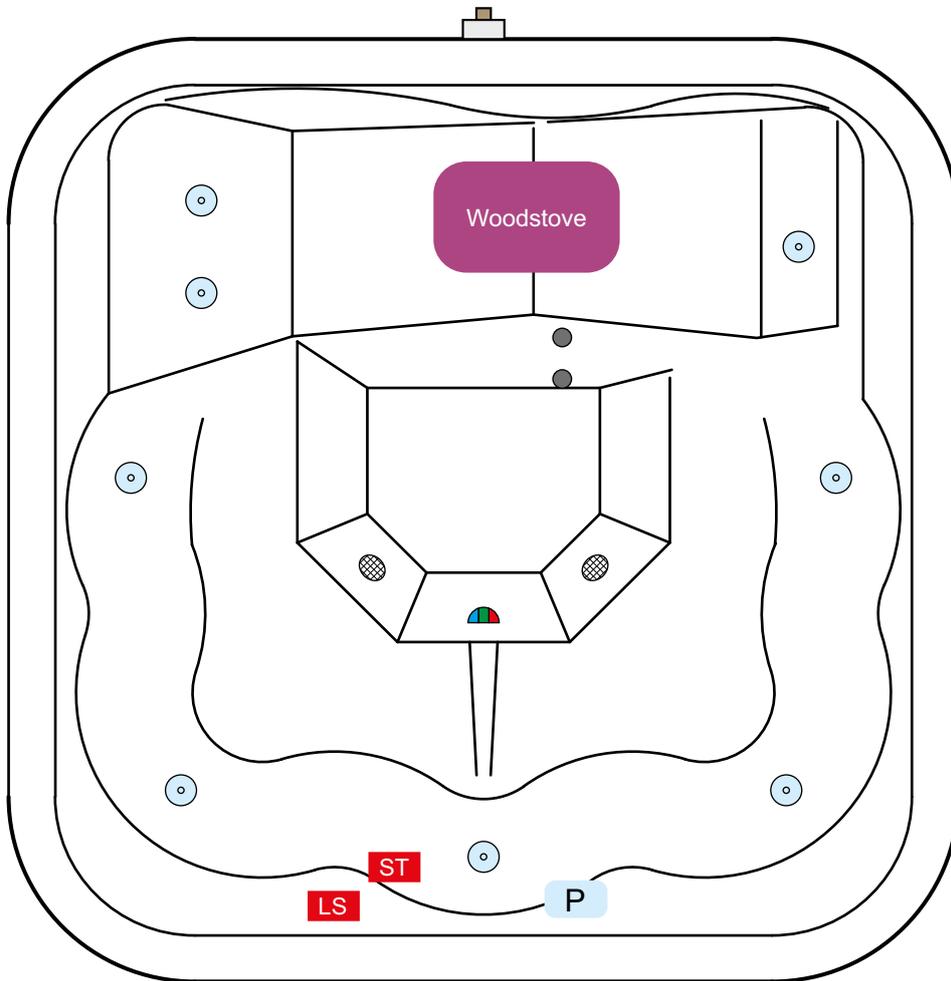


20 JETS

LEGEND:

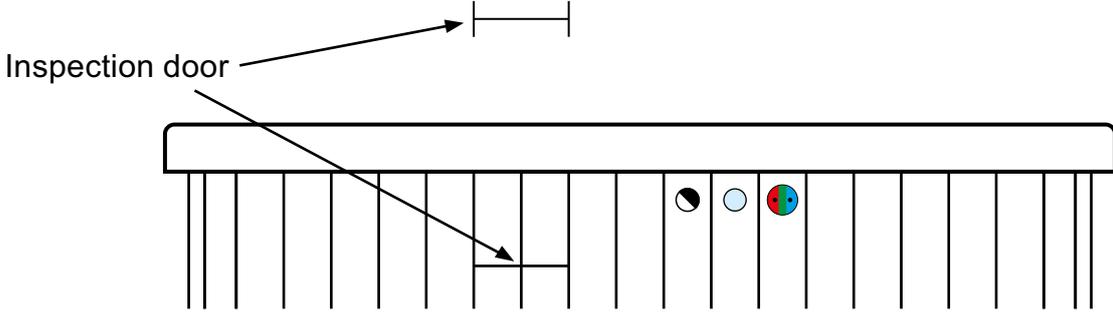
- ST** Control box
- LS** RCD safety box
- P** Jet pump
- Drainage
- Stove pipe connection

- Mini jet
- Suction fitting
- Air controller
- Pneumatic button
- Electronic button
- RGB LED spot



Water system

RGB LED color light system



TECHNICAL DATA

MODEL **MÜHLVIERTEL**



Inside: **170 x 99 cm**

Outside: **190 x 123 cm**

Total height outside: **99 cm**



The HOT TUB shown is pictured with Thermowood cladding.

DESCRIPTION	EQUIPMENT
Item number	HT-D001
Tub color	Dark grey metallic
Seating capacity	2
Stove V4A stainless steel	integrated approx. 30 kW
Tub dimensions: Inside/Outside	170x99/190x123 cm
Total outer diameter with cover	195x128 cm
Water capacity	600 l
Heating time with wood stove *	~ 1,5 h
Log length 33 cm	33 cm
Residual water drainage	Yes
Suitable for chlorinated water	Yes
Suitable for salt water	Yes
Interior height **	88 cm
Seat or armrest **	33 cm
Bench depth **	60 - 64 cm
Total empty weight ***	~ 120 kg
Total weight (HOT TUB with water)	720 kg

* Depending on the size of the HOT TUB, ambient temperature, type of wood for firing,...

** Approximate values from the tub edge

*** Total empty weight includes - HOT TUB with cladding, stove, stove pipe angle, stove pipes, heat shield, rain cap, paddle, dosing float with thermometer



EQUIPMENT OVERVIEW SYSTEMS

MODEL MÜHLVIERTEL

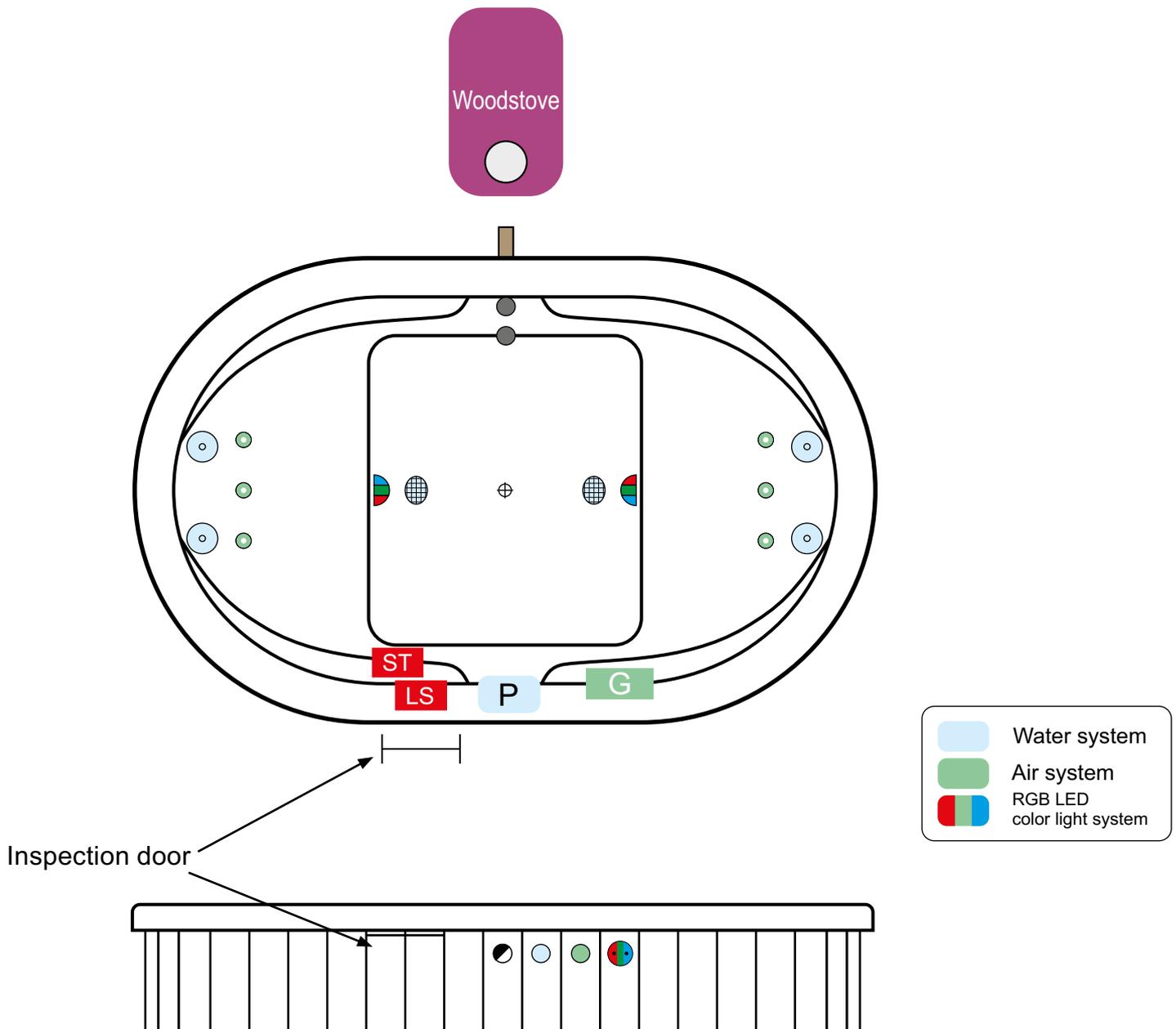
2

10 JETS

LEGEND:

- ST** Control box
- LS** RCD safety box
- G** Blower
- P** Jet pump
- Drainage
- Stove pipe connection

- Air jet
- Mini jet
- ⊗ Suction fitting
- Air controller
- Pneumatic button
- el. button (with display)
- RGB LED spot



OPTIONAL ADDITIONAL EQUIPMENT



Natural Spruce



Thermowood

Exclusive Exterior Cladding

Thickness 16 mm

Our wood cladding is high-quality and highly decorative.

Please note that we use natural products for the exterior cladding, which may show variations in color due to weather influences (e.g., sunlight), even upon delivery!

Order number	suitable for	Variant
HT-ZBVERK-R001-01	Waldviertel	Natural Spruce
HT-ZBVERK-R001-02	Waldviertel	Thermowood
HT-ZBVERK-R002-01	Weinviertel	Natural Spruce
HT-ZBVERK-R002-02	Weinviertel	Thermowood
HT-ZBVERK-E001-01	Mostviertel	Natural Spruce
HT-ZBVERK-E001-02	Mostviertel	Thermowood
HT-ZBVERK-D001-01	Mühlviertel	Natural Spruce
HT-ZBVERK-D001-02	Mühlviertel	Thermowood



Stairs

They are made with the same planks as the exterior cladding, providing a harmonious look.

Order number	suitable for	Variant
HT-ZBSTIE-R-01	Waldviertel/ Weinviertel/ Mühlviertel	Natural Spruce
HT-ZBSTIE-R-02	Waldviertel/ Weinviertel/ Mühlviertel	Thermowood
HT-ZBSTIE-E001-01	Mostviertel	Natural Spruce
HT-ZBSTIE-E001-02	Mostviertel	Thermowood

OPTIONAL ADDITIONAL EQUIPMENT

Fastening Strap



Handle Loop



Example image



Example image



Example image



Thermal Cover

Our high-quality thermal cover provides excellent top insulation and protects your HOT TUB from contamination. Heat loss over the water surface is kept extremely low.

Please note that the thermal cover is not a surface for placing objects or lying on, as the highly insulating foam core would break. Handle loops make it easier to handle the cover. The cover can also be secured with fastening straps.

The counterparts (closures) for the fastening straps are not installed and are left to the customer. The closures are supplied loose with screws.

Order number	suitable for
HT-ZBABD-R001-10	Waldviertel
HT-ZBABD-R002-10	Weinviertel
HT-ZBABD-E001-10	Mostviertel
HT-TBABD-D001-10	Mühlviertel

Lock

If the HOT TUB is accessible to toddlers, these locks must be installed and locked when the HOT TUB is not in use.

Shelf

This shelf is offered in the same wood types as the exterior cladding. The shelf includes fastening materials (screws) with delivery.

Length: 58 cm, Width: 16 cm Total height with fastening feet: 23 cm Dimensions are approximate and may vary slightly.

Order number	suitable for	Variant
HT-ZBBOR-121	Waldviertel/ Weinviertel	Natural Spruce
HT-ZBBOR-122	Waldviertel/ Weinviertel	Thermowood
HT-ZBBOR-123	Mostviertel/ Mühlviertel	Natural Spruce
HT-ZBBOR-124	Mostviertel/ Mühlviertel	Thermowood

OPTIONAL SYSTEMS



Mini Jet



Air jet

Water Massage System via Mini Jet

Revitalizing, point-specific water massage jet that can be mixed with air using an air regulator. The nozzle can be individually adjusted via a ball joint.

Order number	suitable for	Variant	Visible parts
HT-ZBWAD-R001-20-P	Waldviertel	8 water jets	stainless steel, finely brushed
HT-ZBWAD-R001-21-P	Waldviertel	8 water jets	grey plastic
HT-ZBWAD-R002-20-P	Weinviertel	10 water jets	stainless steel, finely brushed
HT-ZBWAD-R002-21-P	Weinviertel	10 water jets	grey plastic
HT-ZBWAD-E001-20-P	Mostviertel	8 water jets	stainless steel, finely brushed
HT-ZBWAD-E001-21-P	Mostviertel	8 water jets	grey plastic
HT-ZBWAD-D001-20-P	Mühlviertel	4 water jets	stainless steel, finely brushed
HT-ZBWAD-D001-21-P	Mühlviertel	4 water jets	grey plastic

Air Massage System via Air Jets

The air bubbles generated by the blower have an invigorating effect.

Order number	suitable for	Variant	Visible parts
HT-ZBLUD-R001-30-P	Waldviertel	12 air jets	stainless steel, finely brushed
HT-ZBLUD-R001-31-P	Waldviertel	12 air jets	grey plastic
HT-ZBLUD-R002-30-P	Weinviertel	15 air jets	stainless steel, finely brushed
HT-ZBLUD-R002-31-P	Weinviertel	15 air jets	grey plastic
HT-ZBLUD-E001-30-P	Mostviertel	12 air jets	stainless steel, finely brushed
HT-ZBLUD-E001-31-P	Mostviertel	12 air jets	grey plastic
HT-ZBLUD-D001-30-P	Mühlviertel	6 air jets	stainless steel, finely brushed
HT-ZBLUD-D001-31-P	Mühlviertel	6 air jets	grey plastic



LED RGB Color Light System

The LED RGB single spots create a wonderful, relaxed ambiance. They produce gently changing colors and a calm, low-stimulus atmosphere. This unique lighting experience can be controlled and paused using the electronic touch switch.

If you want to bathe your pool in a single color, you can choose from 7 primary colors: red, yellow, green, turquoise, blue, violet, white.

Order number	suitable for	Variant	Visible parts
HT-ZBSW-40-E	Waldviertel Weinviertel Mostviertel	3 SPOTs each with 3 watts	stainless steel, finely brushed
HT-ZBSW-41-E	Waldviertel Weinviertel Mostviertel	3 SPOTs each with 3 watts	grey plastic
HT-ZBSW-42-E	Mühlviertel	2 SPOTs each with 3 watts	stainless steel, finely brushed
HT-ZBSW-43-E	Mühlviertel	2 SPOTs each with 3 watts	grey plastic

OPTIONAL SYSTEMS



MILK System

Featuring 2 pumps and 4 inlet jets

See page 19, „Function of the Milk System“

Order number	suitable for	Visible parts
HT-ZBMK-R001-50	Waldviertel	stainless steel, finely brushed
HT-ZBMK-R001-51	Waldviertel	grey plastic
HT-ZBMK-R002-50	Weinviertel	stainless steel, finely brushed
HT-ZBMK-R002-51	Weinviertel	grey plastic
HT-ZBMK-E001-50	Mostviertel	stainless steel, finely brushed
HT-ZBMK-E001-51	Mostviertel	grey plastic



Filter System

See page 21, „Description of the Filter System“

Order number	suitable for	Visible parts
HT-ZBFA-R001-40	Waldviertel	stainless steel, finely brushed
HT-ZBFA-R001-41	Waldviertel	grey plastic
HT-ZBFA-R002-40	Weinviertel	stainless steel, finely brushed
HT-ZBFA-R002-41	Weinviertel	grey plastic
HT-ZBFA-E001-40	Mostviertel	stainless steel, finely brushed
HT-ZBFA-E001-41	Mostviertel	grey plastic



Filter System with Electric heater

See page 21, „Description of the Filter System with Electric heater“

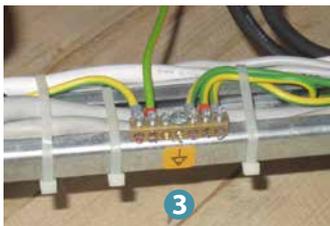
Order number	suitable for	Visible parts
HT-ZBFA-R001-45	Waldviertel	stainless steel, finely brushed
HT-ZBFA-R001-46	Waldviertel	grey plastic
HT-ZBFA-R002-45	Weinviertel	stainless steel, finely brushed
HT-ZBFA-R002-46	Weinviertel	grey plastic
HT-ZBFA-E001-45	Mostviertel	stainless steel, finely brushed
HT-ZBFA-E001-46	Mostviertel	grey plastic

DESCRIPTION OF THE OPTIONAL SYSTEMS CONNECTION BOX



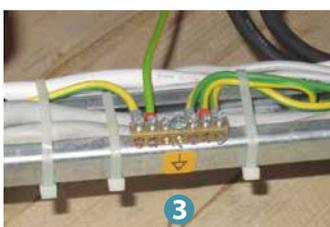
HOT TUB with Whirl System 230V, Single-Phase:

- ❶ Power Supply Connection: 230V, 16A, single-phase.
Note: The electrical connection must only be performed by a qualified electrician and must be permanently hardwired into the house installation.
- ❷ RCD/Circuit Breaker Combination:
This allows the HOT TUB to be disconnected from the power supply.
- ❸ Equipotential Bonding Connection:
Minimum 4mm² copper.



HOT TUB with Whirlpool System, Filter System, Filter System with Electric Heater – 400V, 3-Phase:

- ❶ Power Supply Connection: 400V, 16A, 3-phase.
Note: The electrical connection must only be performed by a qualified electrician and must be permanently hardwired into the building's installation.
- ❷ Residual Current Device (RCD) / Circuit Breaker Combination:
This allows the HOT TUB to be disconnected from the power supply.
- ❸ Equipotential Bonding Connection:
Minimum 4mm² copper.
- ❹ Interlock Relay for Whirlpool Functions:
This relay is activated when:
A) The water level in the tub is too low (below the TLS sensor level)
B) A heating request is made via the heating function.
- ❺ PV (Photovoltaic) Release Relay:
The control is managed via the inverter of the in-house photovoltaic system. When sufficient surplus power is available, the relay is activated, thereby enabling the HOT TUB's heating function.
- ❻ Mechanical Timer with Daily Program:
This timer sets the daily filtration times for the filter pump



CONTROLS



Functions Pneumatic

Water Massage

- | | | |
|---------------------|---|--------------------------|
| First button press |  | Activate water massage |
| Second button press |  | Deactivate water massage |

Control Element Air Regulator



The massage pressure of the jet nozzles is adjusted with the air regulator on the side wall. To increase the water massage jet (air enhances the water jet), turn the regulator counterclockwise; to reduce and close, turn clockwise. The direction of the massage jet can be adjusted directly at each water nozzle.

Air Massage

- | | | |
|---------------------|---|------------------------|
| First button press |  | Activate air massage |
| Second button press |  | Deactivate air massage |

Milk System

- | | | |
|---------------------|---|----------------------------|
| First button press |  | Activate the Milk System |
| Second button press |  | Deactivate the Milk System |

Function of the Milk System

When the Milk System is active for approximately 20 to 30 seconds, you can observe at the Milk inlet jets how the bath water becomes enriched with countless microscopic air bubbles, giving the water a milky appearance – hence the name Milk. The diffusion throughout the tub is particularly striking due to the white hue.

These microscopic bubbles gently caress your body, ensuring that your skin receives a high level of oxygen and promoting the regeneration of skin cells.

Oxygen: the source of life, even for your skin.

Oxygen is essential for our skin and its daily regeneration. Without sufficient oxygen, the skin can quickly appear tired and dull.

While the Milk System is active, all other whirl functions must be deactivated to preserve the Milk effect. The LED RGB color lighting system can still be used.

Electronic Functions

Temperature Control



A digital display alternates between the actual water temperature and the set temperature. Simply press the integrated control button to select your ideal bathing temperature. An LED indicator shows the status of the heating function.

Control Element Button Switch (LED RGB Color Light System)



LED RGB Single Spot*

- | | | |
|-----------------------------|--|---|
| | | Activate color light system |
| | | Stop function of color wheel |
| | | Deactivate color light system |
| Press for 2 seconds | | Switch to: Direct Color Selection Mode |
| Direct Color Selection Mode | | Each button press cycles through colors in the following sequence: red, yellow, green, turquoise, blue, violet, white |
| Press button again | | Turn off color light system |

* LED RGB single spots can also be operated without water.

Runtime Limitation LED RGB Color Light System

When the control registers the first button press, the 20-minute runtime limitation is activated. After reaching the runtime limit, the LED single spots are turned off. The LED single spots can be switched on again immediately after the automatic stop.

LED RGB Single Spot

256 colors create a fascinating atmosphere in your tub and increase relaxation. They follow a specific rhythm to harmonize body and soul. The LED RGB single spot can be switched on and off as desired with the corresponding

button. The stop function of the color wheel can be activated by pressing the stop button, halting the color change at any point; pressing it again restarts the color wheel.

Individual colors can also be selected in the „Direct Color Selection“ mode. To do this, press and hold for 2 seconds the Light button.

Now, each press of the button cycles through the individual colors (red, yellow, green, turquoise, blue, violet, white). Pressing the light button once more turns off the LED RGB single spot.

NOTICE: APPLICABLE TO ALL COLOR LIGHT PRODUCTS

There may be slight differences in brightness and color with the LED RGB single spots. This is due to the control of the LEDs. Each individual color is created by mixing the primary colors red, green, and blue.

Description of the Filter System



- ① Drain for Milk System
- ② Drain for Filter System

General Information

The filter circuit is controlled by a timer. The filter should be cleaned every 6 to 8 weeks (shorter cleaning intervals may be required depending on usage frequency and the degree of contamination). If the HOT TUB will not be used for an extended period, we recommend removing and cleaning the filter, then reinstalling it only when putting the tub back into operation.

We recommend replacing the filter once a year.

Lockout of Pneumatic Whirlpool Functions

The lockout of the whirl functions is activated when:

1. The water level in the tub is too low (below the TLS sensor level).
2. A heating request is made via the heating function.

Description of the Filter System with Electric Heater



- ① Drain for Milk System
- ② Drain for Filter System



Filter Pump Settings via Timer:

The daily program setting on the timer (see Connection Box, Position 6) controls the filter cycles. The filter pump runs each day according to the programmed times.

Frost Protection for the Electric Heater:

If the water temperature falls below 10°C, the frost protection feature is activated. The heating function, in combination with the filter pump, maintains the water at a minimum temperature of 10°C. Always ensure the HOT TUB has sufficient water.

CLEANING AND CARE OF TUB AND JETS

For regular cleaning, use a sponge or soft cloth with liquid cleaners, preferably grease-dissolving dish detergents or our special cleaner. Then rinse – done! Make sure no cleaning residue remains on the surface or jets, as it may enter the water upon refilling and lead to excessive foaming. Never use abrasive cleaners, even in liquid form! They damage the acrylic surface and the jet surfaces. After each emptying of the tub, the drainage valves must remain open.

Many contaminants in the water settle on surfaces below the water level. These contaminants can lead to the formation of bacteria, algae, or fungi. It is recommended to clean hot tubs as regularly as needed. Over time, stubborn stains or biofilms may form on accessible surfaces below the water level, or high concentrations of salts or unwanted byproduct reactions may also occur. Depending on hygiene conditions, cleanliness, visibility, odor, foreign objects, and stains, it may be advisable to completely change the water and clean/disinfect the hot tub.

Prevention/Removal of Biofilm

With each tub emptying, use the „Whirlpool System Cleaner“ to clean and rinse the tub surface and jets to remove the biofilm.

Thermal Cover

For regular care, clean the cover with a sponge or soft cloth with water. Never use abrasive cleaners, even in liquid form, as they damage the cover surface.

Access to HOT TUB with Whirlpool System for Maintenance

Accessibility is essential to ensure proper maintenance, such as cleaning and replacing equipment parts like pumps, controls, etc.



Whirlpool System Cleaner
(Order No. 70-102)

Cleaning the HOT TUB Surface for Dry-Run Protection Sensor & Checking the Water Level

Over time, a biofilm can form on the HOT TUB surface, so the area around the dry-run protection sensor must be cleaned weekly. Use a sponge or soft cloth without any cleaning agents. The dry-run protection sensor ensures that the equipment can only operate if there is sufficient water in the pool.

Keep the water level at about 40 cm above the seating area, and add water as needed. The dry-run protection sensor is located on the back of a straight wall, near the control unit (and connection box).

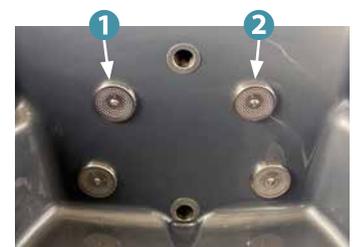
Attention!

- 1) A biofilm can cause the dry-run protection sensor to send an “OK” signal to the control unit even if there isn’t enough water in the pool. Regular cleaning of the HOT TUB surface is therefore crucial.
- 2) If the HOT TUB water level is too low, it must be replenished immediately, otherwise the heating, filtration, and all whirl functions will be disabled! For built-in systems, see pictogram (Filling height) in the tub.

Cleaning the sieves in Suction Fittings 1+2 for the Milk System

Depending on usage, the sieves should be cleaned about every 14 days, or whenever a noticeable decrease in Milk production occurs!

The Milk System must not be operated without a sieve in the suction fitting 1+2!



INSPECTION DOOR



Inspection Door in the Cladding. Two cladding boards are joined to form an inspection door. You can identify this by the absence of screws at the top and bottom of the wood. Additionally, on pages 10 – 13 (equipment overview for each HOT TUB), you will find a description of the location of the inspection opening.



Slide the inspection door slightly upward, then gently pull outward from the lower left corner. (The locking wedge is now disengaged from the inner rail)



Pull the inspection door downward until it emerges below the tub edge. (The lower left corner must always have a gap outward from the cladding remaining on the HOT TUB)



Then remove the inspection door. To close, reinsert it in the reverse order.

WATER AND AIR MASSAGE

Water Jets
in Action



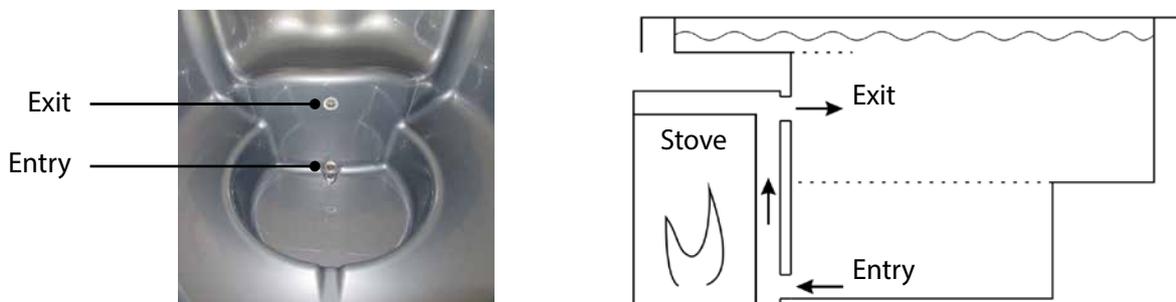
Air Jets
in Action



COMMISSIONING THE HOT TUB

The HOT TUB is equipped with a wood stove that utilizes the heat generated by burning wood and transfers it through a separate chamber in the stove to the circulating water. The water, moved automatically by the thermal effect, flows into the interior of the HOT TUB, creating a natural water circulation without an external pump.

Water Circulation:



You can use the HOT TUB year-round and heat it with wood as desired. The high-performance stainless steel wood stove heats the HOT TUB to a comfortable temperature of 37 to 40 degrees Celsius in 1.5 to 3.5 hours (depending on the size of the HOT TUB, ambient temperature, type of wood, and firing intensity).

It is suitable for both chlorinated and salt water and is a closed system with optimal efficiency. The stove recess can also be used as a seat or armrest (For model Wald, Wein or Mostviertel).

The HOT TUB is equipped as standard with a V4A stainless steel stove with an output of approximately 30 kW, a 90° stove pipe angle - only in Wald, Wein and Mostviertel, 2-meter stove pipe, 1-meter heat shield, rain protection cap, paddle, and dosing float with thermometer.

Warning!

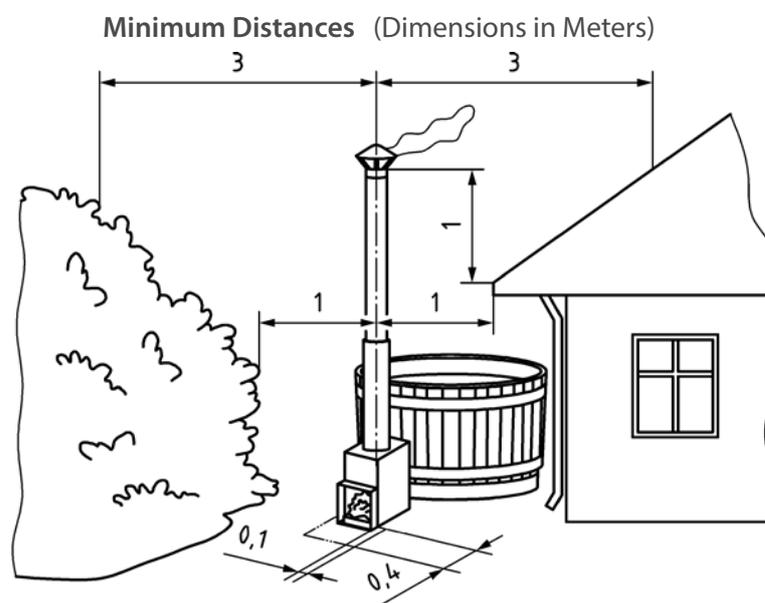
The water level must be **at least at the center of the „Water Level“ label (approximately 20 cm below the edge of the tub)** in order to operate the stove and start using the HOT TUB!

If the specified water level in the HOT TUB is not maintained and the HOT TUB is operated regardless, all warranty and guarantee claims will be void!

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Heating with Wood

- Only use dry wood to fire the stove. As the stove has a condensate drain, condensation may drip if wood is too wet. The recommended log length is 33 cm. Do not use any fuels other than wood! (Do not use wood briquettes, pellets, coal, etc.!!)
- To observe fire protection, adhere to the following minimum distances listed here:



Important for Perfect Bathing Experience

- The water temperature should not exceed 40°C. The most comfortable temperature is between 35°C and 38°C.
- If the HOT TUB is equipped with a whirlpool function, it is recommended to start with short massage sessions and gradually increase them to allow the body to adjust to the invigorating massage effect.

Warning!

- People with limited mobility, elderly, and disabled individuals should exercise special care when using HOTTUBs. Small children should not use the HOT TUB without supervision.

INSTALLATION SITE

- The installation site, foundation, or pedestal must be level, stable, and secure against slipping and sinking. The total weight of the chosen HOT TUB can be found in the technical specifications in this brochure.
- Failure to follow the above points will void any warranty and guarantee claims!

FILLING AND DRAINING

Filling:

- 1) Close the existing ball valve(s).
- 2) Fill with water up to **at least the center of the „Water Level“ label (approximately 20 cm below the edge of the tub).**
For built-in systems, see pictogram in the tub.
- 3) If equipped with a whirlpool system, turn on the power supply to your HOT TUB at the junction box (See point junction box).
- 4) The HOT TUB is ready for heating.

Warning!

Since the HOT TUB is outdoors in a frost-prone environment and is not heated, frost damage may occur. If the HOT TUB is not in use, we recommend draining the water and leaving the ball valve(s) open until the next filling.

Draining:

- 1) Disconnect power to the HOT TUB at the junction box on existing systems.
- 2) Draining:
HOT TUB or HOT TUB with whirl system 1 ball valve
If a filter system is installed 2 ball valves
If a milk system is installed 2 ball valves
If a filter system and milk system are installed 3 ball valves
- 3) Clean the surface (see section „Cleaning and Maintenance of Tub and Jets“).
- 4) Leave the existing ball valves open until refilling.

Mechanical and Visual Inspection (If Equipped with Whirlpool Functions)

If your HOT TUB has not been used for some time, ALL pumps must be checked for smooth operation. For each pump, manually check by turning the fan wheel clockwise. Perform at least 2-4 turns. If you do not encounter stiffness or blockage, everything is OK. However, if you find the pump is hard to turn or blocked, contact the service immediately and do not operate the HOT TUB.

Winterization

In climates where freezing temperatures may occur, the HOT TUB should be drained as described in the „Filling and Draining“ section to prevent water from freezing, thereby protecting the HOT TUB and, if applicable, its components from damage.

SPARE PARTS



Stove Pipe

Length: 1 meter
Diameter: 12.5 cm

Order number	suitable for
HT-ZBOFR-100	Waldviertel Weinviertel Mostviertel

Length: 1 meter
Diameter: 11.0 cm

Order number	suitable for
HT-ZBOFR-105	Mühlviertel



Heat Shield

Length: 1 meter
Diameter: 20 cm

Order number	suitable for
HT-ZBHSG-110	Waldviertel Weinviertel Mostviertel Mühlviertel



Rain Protection Cap

For stove pipe diameter: 12.5 cm
Diameter of Cover: 22 cm

Order number	suitable for
HT-ZBRAD-100	Waldviertel Weinviertel Mostviertel

Rain Protection Cap

For stove pipe diameter: 11 cm
Diameter of Cover: 22 cm

Order number	suitable for
HT-ZBRAD-105	Mühlviertel

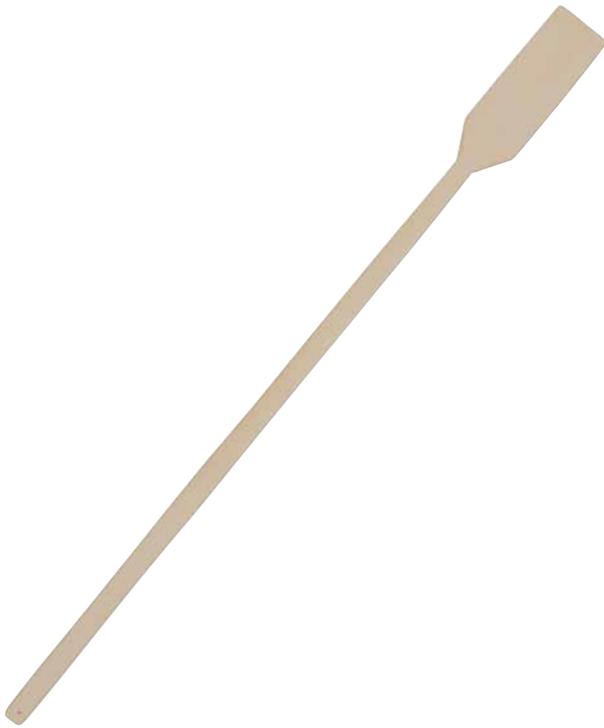


Dosing Float with Thermometer

For displaying the bath water temperature. Possibility of chemical water treatment

Order number	suitable for
HT-ZBSTH-130	Waldviertel, Weinviertel Mostviertel, Mühlviertel

SPARE PARTS



Paddle

When heating the HOT TUB, the paddle can be used to mix the water to achieve better temperature distribution.

Order number	suitable for
HT-ZBPAD-120	Waldviertel Weinviertel Mostviertel Mühlviertel



Natural Spruce



Thermowood

Cladding Board

Thickness 16 mm

Our wood cladding is high-quality and highly decorative.

Please note that we use natural products for the cladding, which may show variations in color due to weather influences (e.g., sunlight), even upon delivery!

Order number	suitable for	Variant
HT-ZBVKB-125	Waldviertel Weinviertel Mostviertel Mühlviertel	Natural Spruce
HT-ZBVKB-126	Waldviertel Weinviertel Mostviertel Mühlviertel	Thermowood





HOT TUB SPA

WELLNESS
MADE BY KOLLER



KOLLER WHIRL-SYSTEMS

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