

INSTRUCTIONS FOR USE

Parker



WARNING

To avoid injury, always read this Instructions for Use and accompanied documents before using the product.



Mandatory to read the Instructions for Use

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Foreword

Thank you for purchasing Arjo Equipment

Your Parker® is part of a series of quality products designed especially for hospitals, nursing homes and other health care uses.

Please contact us if you have any questions about the operation or maintenance of your Arjo equipment.

Please read this *Instructions for Use* thoroughly!

Please read this *Instructions for Use (IFU)* in its entirety before using your *Parker* bathing system. Information in this *IFU* is crucial to the proper operation and maintenance of the equipment, will help protect your product, and ensure that the equipment performs to your satisfaction. Some of the information in this *IFU* is important for your safety and must be read and understood to help prevent possible injury.

Unauthorized modifications on any Arjo equipment may affect its safety. Arjo will not be held responsible for any accidents, incidents or lack of performance that occur as a result of any unauthorized modification to its products.

Serious incident

If a serious incident occurs in relation to this medical device, affecting the user, or the patient then the user or patient should report the serious incident to the medical device manufacturer or the distributor. In the European Union, the user should also report the serious incident to the Competent Authority in the member state where they are located.

Service and Support

A service routine has to be done to your *Parker* bath to ensure the safety and operating procedures of your product. See section *Care and Preventive Maintenance* on page 42.

If you require further information, please contact Arjo for comprehensive support and service programs to maximize the long-term safety, reliability and value of the product.

Contact Arjo for replacement parts. Contact information appears on the last page of this *IFU*.

Definitions in this *IFU*

WARNING

Means:

Safety warning. Failure to understand and obey this warning may result in injury to you or to others.

CAUTION

Means:

Failure to follow these instructions may cause damage to all or parts of the system or equipment.

NOTE

Means:

This is important information for the correct use of this system or equipment.



Means:

The name and address of the manufacturer.

Intended Use

This equipment must be used in accordance with these safety instructions. Anyone using this equipment must also have read and understood the instructions in this *Instructions for Use (IFU)*.

If there is anything you do not completely understand, ask your Arjo representative.

This bath is intended for assisted bathing and showering of adult residents in care facilities (excluding use at home).

The *Parker* bath must be used by appropriately trained caregivers with adequate knowledge of the care environment, its common practices and procedures, and in accordance with the guidelines in the *Instructions for Use (IFU)*.

Any other use is prohibited. The bath should only be used for the purpose specified here.

Resident Assessment

We recommend that facilities establish regular assessment routines.

Caregivers should assess each resident according to the following criteria prior to use:

- The resident's weight should not exceed 210 kg/ 463 lbs (Max Patient Weight).
- Active and semi-active residents (i.e. able to sit upright self supported on the side of a bed or toilet) can use the bath. Correct transfer equipment shall be used, if needed.
- Residents with no capacity to support them selves at all (i.e. able to sit upright with support) can use the bath, only with a ceiling and a 2-point spreader bar with loop sling for transfer and bath.
- The resident should have the ability to understand and respond to instructions, or have limited physical capacity to move, to ensure a safe position during the bathing procedure.

If a resident does not meet these criteria an alternative equipment or system shall be used.

Indication for Use

To relieve pain and itching and as an aid in the healing process of inflamed and traumatized tissue, and it serves as a setting for removal of contaminated tissue.

Installation & Service Requirements

The *Parker* bath must be installed by appropriately trained personnel according to the *Assembly and Installation Instructions*, requirements in the *Assembly and Installation Instructions* can only be superseded by local code.

The expected life of this equipment, unless otherwise stated, is ten (10) years, subject to preventive maintenance being carried out in accordance with the instructions in section *Care and Preventive Maintenance on page 42*.

Safety Instructions

WARNING

To avoid injury to both the patient and the caregiver, never modify the equipment or use incompatible parts.

WARNING

To avoid explosion or fire, never use the equipment in oxygen rich environment, in presence of heat source or flammable anaesthetic gases.

WARNING

To avoid electric shock, never use other electrical equipment near this device.

WARNING

To avoid injury, make sure that the patient is not left unattended at any time.

WARNING

To avoid the device in use from tipping, do not raise or lower other equipment close to it and be aware of stationary object when lowering.

Preparations

Site Preparations

Prior to the installation of the *Parker* bath the floor and walls within the required area must be finished.

Material: The floor should be made of a slip-resistant material, free of bumps.

Floor Slope: When using a floor drain, the slope towards the drain should not exceed 1:50.

Floor attachments: The floor construction must be suitable for anchoring the bolts

Actions Before First Use

(11 steps)

- 1 Visually check the package for damage. If the product looks damaged due to freight, make a complaint to the transport agency.
- 2 The packaging should be recycled according to local regulations.
- 3 Install the *Parker* bath by qualified personnel. See *Assembly and Installation Instructions*.
- 4 Check that all parts of the product are supplied. Compare with section *Parts Designation on page 8*. If any part is missing or damaged - do NOT use the product.
- 5 Unpack the hand control(s) from the plastic.
- 6 Read the *IFU*.
- 7 Disinfect the product according to section *Cleaning and Disinfection Instructions on page 28*.
- 8 Perform a functionality test. See section *Care and Preventive Maintenance on page 42*.
- 9 Choose a designated area, where the *IFU* should be kept and is easily accessible at all times.

10 **WARNING**

To prevent scalding, make sure that the water mixer has been calibrated. Confirm that responsible organization has established calibration routines.

Make sure the *Parker* bath thermostatic mixer has been calibrated according to the *Assembly and Installation Instructions* by qualified personnel or an Arjo technician.

- 11 Make sure to have a rescue plan ready in case of a patient emergency.

Actions Before Every Use

(3 steps)

- 1 Check that all parts are in place. Compare to section *Parts Designation on page 8*.
- 2 If any part is missing or damaged - do NOT use the product.

3 **WARNING**

To prevent cross-contamination, always follow the disinfection instructions in this *Instructions for Use*.

Before every use, make sure the *Parker* bath is cleaned and disinfected according to section *Cleaning and Disinfection Instructions on page 28*.

NOTE

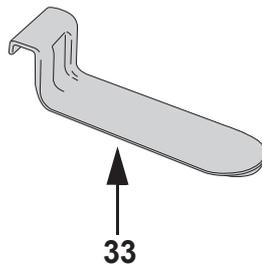
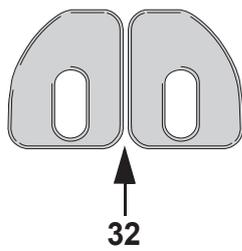
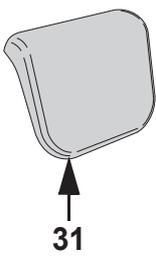
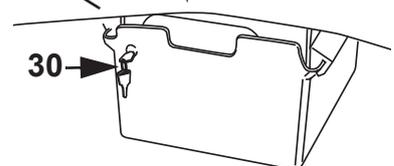
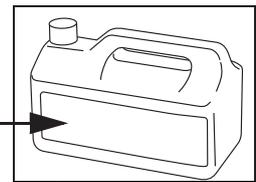
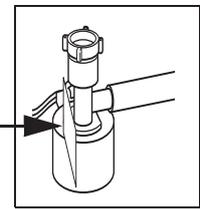
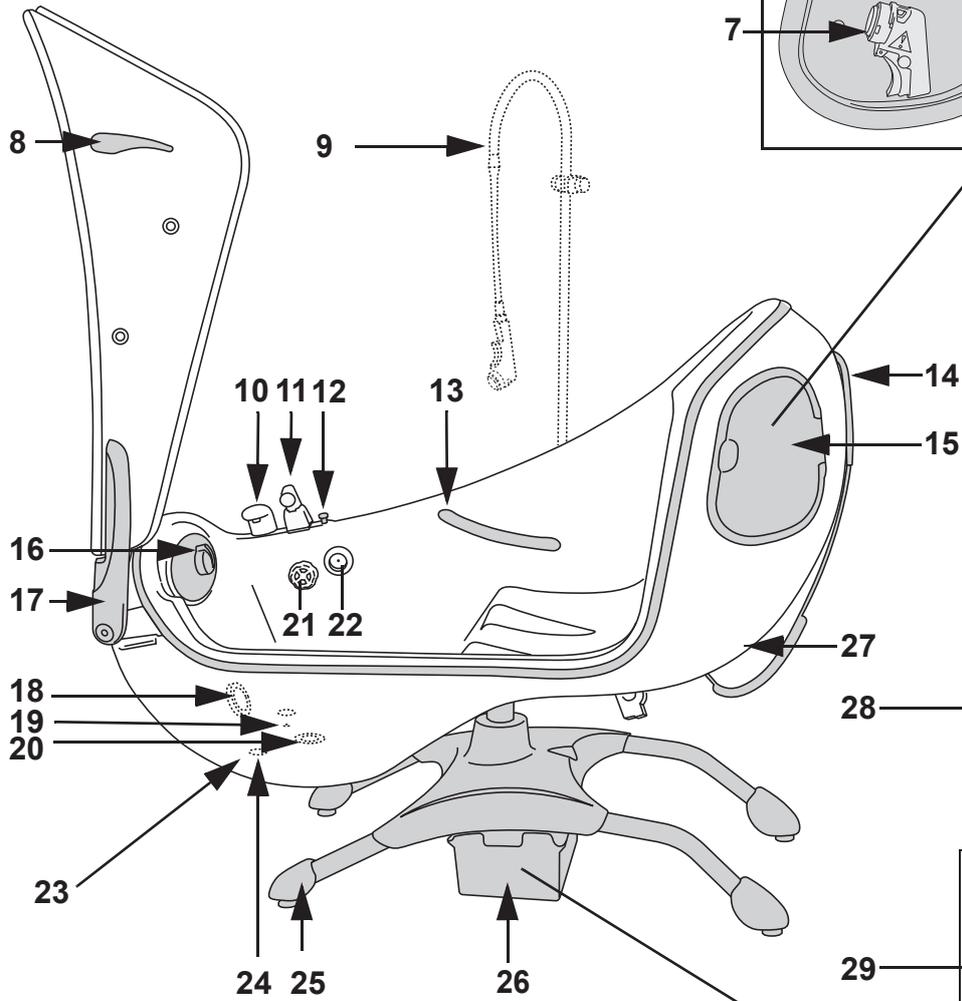
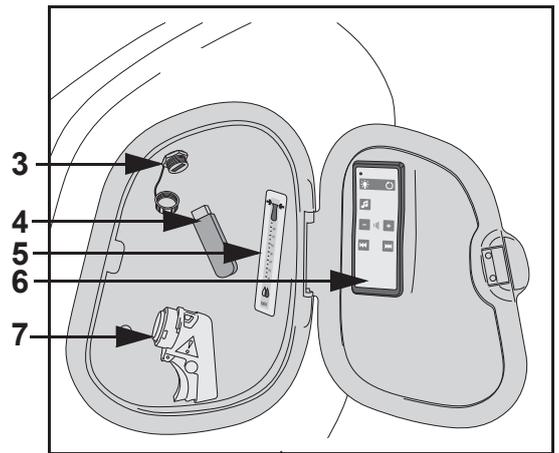
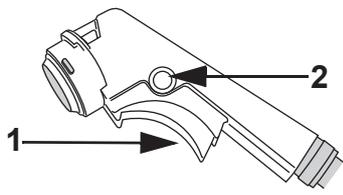
If you have any questions, please contact your local Arjo representative for support and service. The contact numbers appear on the last page of this *IFU*.

Parts Designation

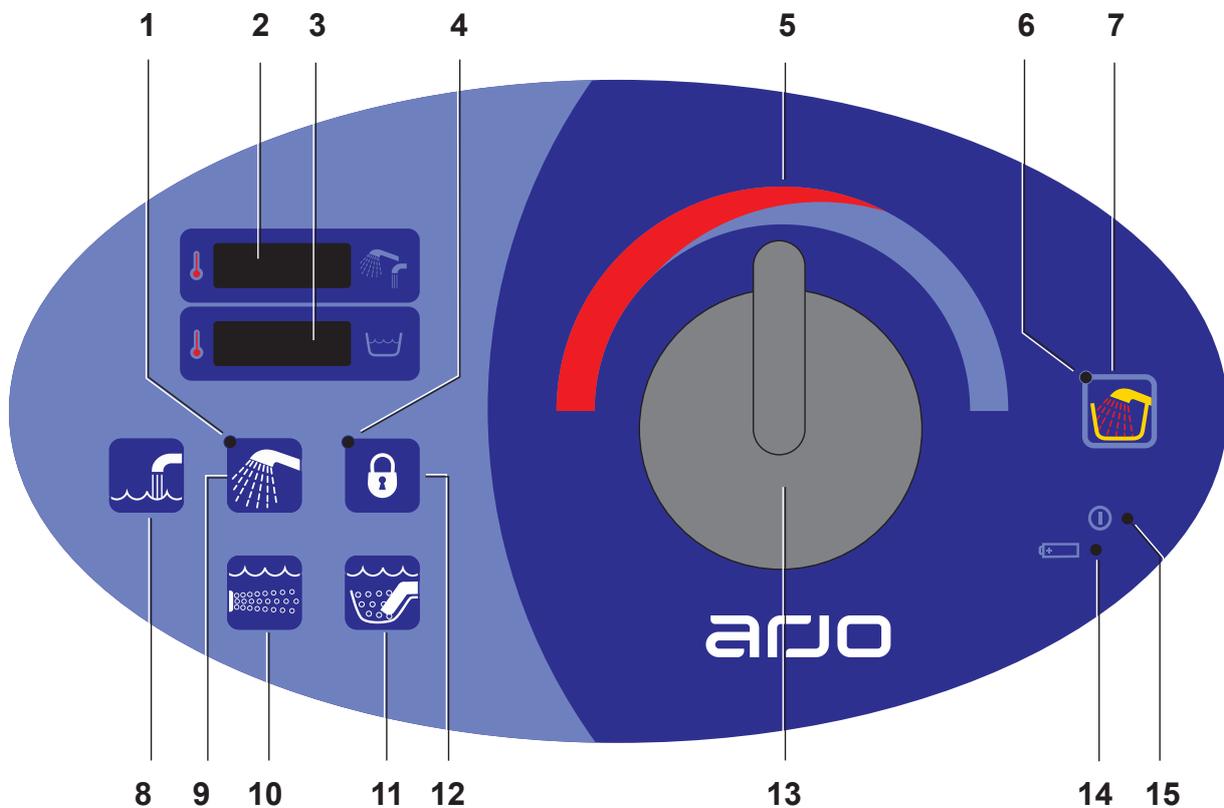
- 1 Trigger handle
- 2 Lock button
- 3 USB connection
(with *Sound & Vision* system option)
- 4 USB memory stick
(with *Sound & Vision* system option)
- 5 Disinfectant flowmeter
(with Disinfection option)
- 6 *Sound & Vision* system hand control
(with *Sound & Vision* system option)
- 7 Disinfection spray handle
(with Disinfection option)
- 8 Door lock handle
- 9 Shower stand (for UK only)
- 10 Filling spout
- 11 Shower holder/shower handle
- 12 Emergency stop button
- 13 Grab handle
- 14 Hand control
- 15 Cover
(with Disinfection and/or *Sound & Vision* system option)
- 16 Control panel
- 17 Door hinge
- 18 *Sound & Vision* system light
(with *Sound & Vision* system option)
- 19 Water sensory knobs (3 pcs)
- 20 Drain
- 21 Drain control knob with built-in surface overflow outlet
- 22 Disinfectant/Rinsing Inlet
(with Air Spa system option)
- 23 Bathtub 
- 24 Air Spa system outlets (9 pcs)
(with Air Spa system option)
- 25 Height adjustable feet
- 26 Compartment for disinfectant bottle
(with Disinfection option)
- 27 *Sound & Vision* system speakers
(with *Sound & Vision* system option)
- 28 Disinfection suction part
(with Disinfection option)
- 29 Disinfectant bottle
(with Disinfection option)
- 30 Lock keys for disinfectant compartment
(with Disinfection option)
- 31 Head cushion (accessory)
- 32 Back support cushions (accessory)
- 33 Leg rest (accessory)



Type B Applied part.
Degree of Protection - Electrical shock

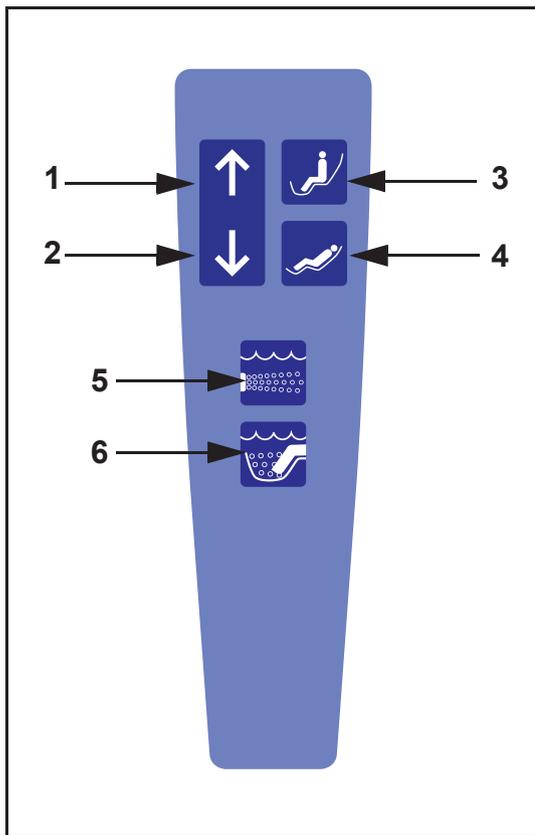


Control Panel



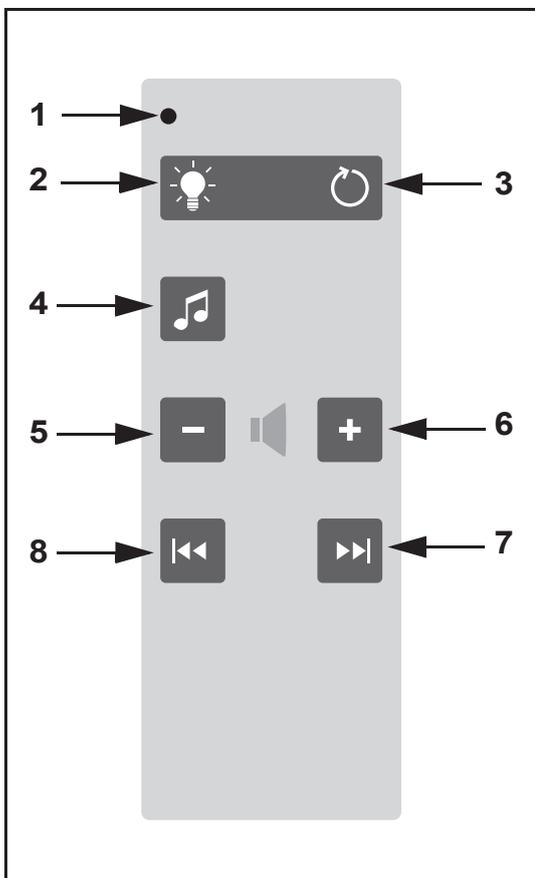
- | | | | |
|---|---|----|--|
| 1 | LED for shower indication | 8 | Auto fill ON/OFF |
| 2 | Filling water and Shower temperature display with scalding protection | 9 | Shower ON/OFF |
| 3 | Bath water temperature display with scalding protection. | 10 | Air Spa system - whole tub ON/Intensity/OFF (option) |
| 4 | LED, lock function indicator | 11 | Air Spa system - foot well ON/Intensity/OFF (option) |
| 5 | Mixing gradient | 12 | Function lock ON/OFF |
| 6 | LED, ON/OFF disinfectant indicator (option) | 13 | Knob for water temperature adjustment |
| 7 | Disinfection ON/OFF (option) | 14 | LED, battery back-up indicator |
| | | 15 | LED, mains indicator |

Hand Controls



Hand Control

- 1 Raise bathtub
- 2 Lower bathtub
- 3 Tilt bathtub to upright position
- 4 Tilt bathtub to reclined position
- 5 Air Spa system - whole tub ON/Intensity/OFF (option)
- 6 Air Spa system - foot well ON/Intensity/OFF (option)

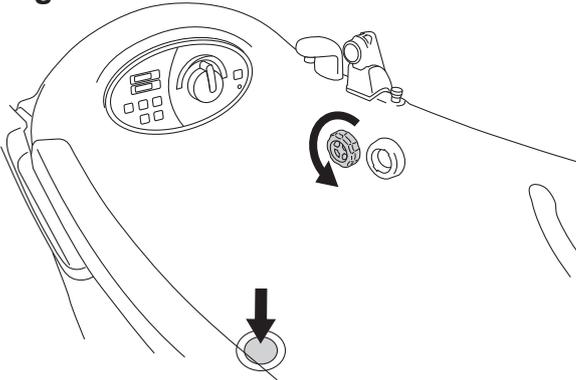


Sound & Vision® System Hand Control (option)

- 1 LED - activity indicator
- 2 *Sound & Vision* system light - ON/OFF
- 3 Automatic light colour change - ON/OFF
- 4 MP3 player ON/PAUSE
- 5 Reduce (-) volume.
- 6 Increase (+) volume
- 7 MP3 track forward
- 8 MP3 track reverse

Product Description/Functions

Fig. 1



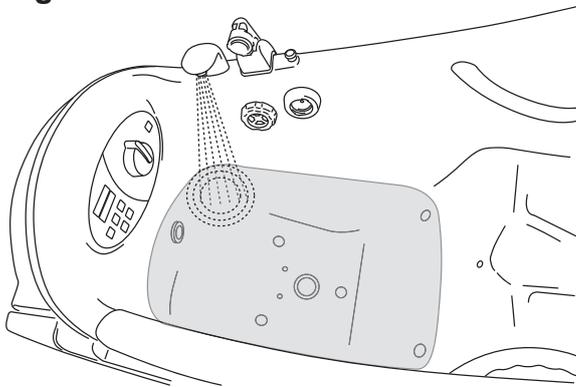
Drain Control Knob

The drainage plug opens and closes by turning the drain control knob in the bathtub. (See Fig. 1)

- Open - turn clockwise
- Close - turn counter clockwise

The drain control knob is equipped with a built in surface overflow outlet to prevent water from overflowing the tub.

Fig. 2



Auto Fill Function

The auto fill function prefills the footwell. (See Fig. 2)

- Activate it by pressing the  auto fill button.
- Once the filling level is reached it stops by itself.
- Press the  auto fill button again and filling continues for another 60 s.
- Stop filling at any time by pressing the  auto fill button.

Scalding Protection

If a dangerous temperature level of 45 °C (113 °F) is reached, the electronic scalding protection shuts off the water after 10 s.

- **Activated scalding protection:** a yellow flashing light and a beeping sound on both temperature displays.

If scalding protection turns on, get the patient out safely. Stop using the bath and contact an Arjo service technician.

Temperature Display

The *Parker* bath has two temperature displays: (See Fig. 3)

- **Top temperature display:** shows the active filling or shower temperature. If filling or shower is not turned on, the display shows “— . —”
During disinfection the display shows the temperature of the disinfectant mixture.
- **The bottom temperature display:** shows the current bathtub water temperature.

Fig. 3

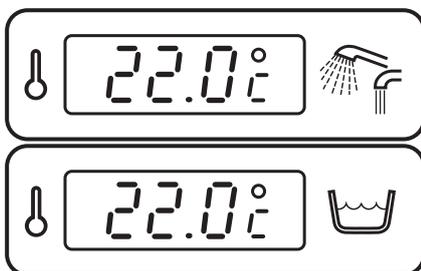
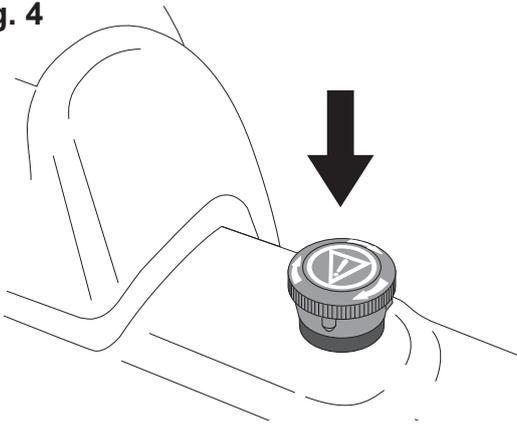


Fig. 4



Emergency Stop

- Press the emergency stop button, to stop all functions. (See Fig. 4)
- To release the emergency stop button, turn it clockwise. (See Fig. 4)

If the emergency stop button was used due to an equipment error, stop using the bath and contact an Arjo technician.

Shower Handle

The shower handle is located in the holder or the stand.

(See Fig. 5)

- Press the  shower button to start the shower. The green LED will turn on when active.
- Press the trigger on the shower handle to regulate the water. Hold the trigger in for constant water flow.

To get continuous water flow without having to hold in the trigger do as follows:

- Press the trigger and push the lock button on the side. The water will continue to flow without having to press the trigger.
- Unlock by pressing the handle trigger and the lock button will pop out by itself.

Fig. 5

Lock Button

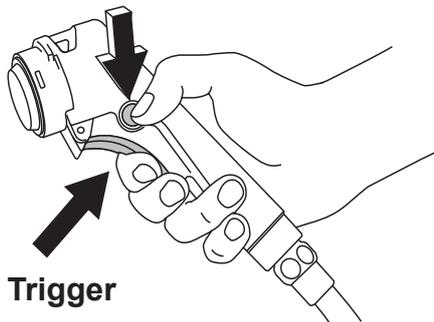
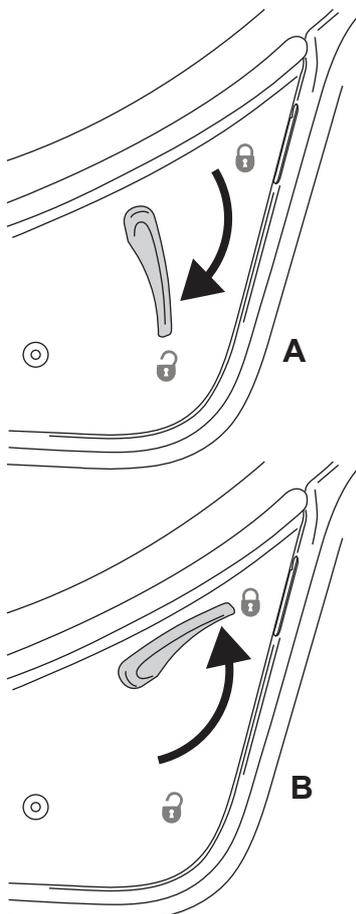


Fig. 6



Functions Lock

Press the  function lock button on the control panel and it locks all the functions except:

- scalding protection
- emergency stop

For example, if the function lock is activated during a shower, the shower can only be turned off after deactivating the function lock.

The function lock LED is flashing yellow when active.

Door Lock

The *Parker* bath has a door handle that works as a door lock. The door handle needs to be aligned with the sticker showing an open or closed lock. (See Fig. 6)

- **To unlock the door:** press the door handle down until aligned with the sticker showing an open lock. (A)
- **To lock the door:** press the door handle up until the handle is aligned with the sticker showing a closed lock. (This may require some physical force). (B)

Air Spa System (Option)

A *Parker* bath with Air Spa system allows the patient to sit comfortably and enjoy a massage by air jets in the water.

Both the  Air Spa system tub button and the  Air Spa system footwell button have two adjustable intensities that can be selected. The maximum treatment time is 15 minutes.

The Air Spa system can be activated either for the whole bathtub or just in the footwell.

NOTE

Operating the Air Spa system with soapy water can cause excessive foaming.

Sound & Vision® System (option)

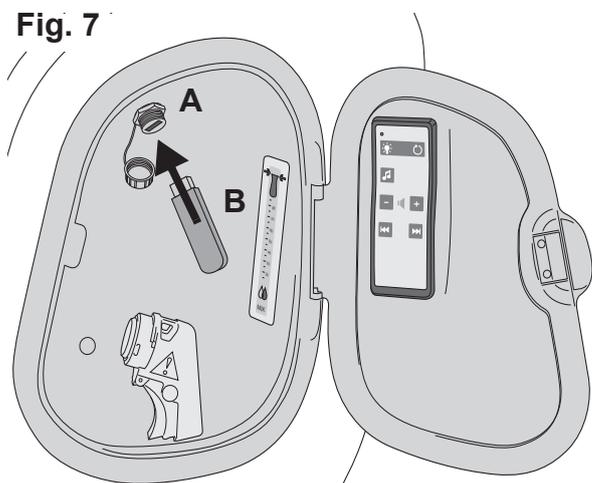
WARNING

To avoid electric shock, only use the USB memory stick in the connector on the bath.

The USB outlet is located behind the cover. (See Fig. 7)

- Unscrew the black cap counter clockwise to get to the USB outlet (A) and plug in the *Sound & Vision* system memory stick (B).
- To get colored light in the tub, press the  *Sound & Vision* system light button on the *Sound & Vision* system hand control.
- Press the  *Sound & Vision* system light button one more time to change light colour.
- Press the  *Sound & Vision* system light button for 2 s to turn the light off.
- To start a rotation of different light colours press the  *Sound & Vision* system automatic light colour change button.

Fig. 7



Continue with the steps on the next page.

- To start the music press the  MP3 button on the *Sound & Vision* system hand control. Only MP3 files can be read and only files from the root (not in “folders”).
- *Sound & Vision* system hand control LED flashes when active.

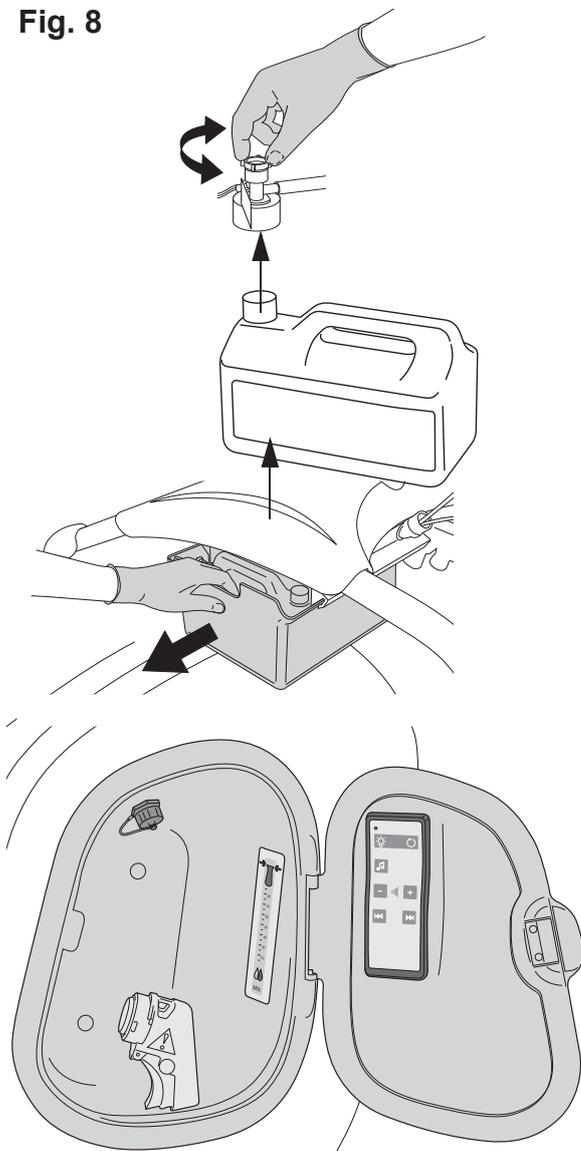
NOTE

The music function will stop automatically 30 minutes after activation. Press the MP3 player button on the *Sound & Vision* system hand control for continued listening.

NOTE

The *Sound & Vision* system will stop automatically 30 minutes after activation. Press the *Sound & Vision* system light ON/OFF button on the *Sound & Vision* system hand control for continued lighting.

Fig. 8



Disinfection Unit (Option)

The *Parker* bath has the a built in disinfection unit as an option. (See Fig. 8)

There is a disinfectant bottle with an adjustable top to adjust the mixing value of the disinfectant concentration and water. It is located in the lockable compartment between the bathtub legs.

There is also a disinfection spray handle and flowmeter, located behind the cover.

To use the disinfection unit:

- 1 Press the  disinfection button and hold it in for 5 s to activate it.
- 2 The LED will turn green when active.
- 3 If the disinfectant bottle is empty, the LED will start flashing when pressing the disinfection button. A beeping sound comes on and it is not possible to disinfect the bath.

Replace with a full disinfection bottle and try again (see section *Replace Disinfectant Bottle on page 30*).

Battery Back-up

A battery will work as a back-up if there is a power failure. It is possible to help a patient out of a bathtub during that time. Everything on the bath will work under the battery back-up except for the auto fill function, Air Spa system and *Sound & Vision* system.

If the battery fails to work during a power failure contact your Arjo technician.

CAUTION

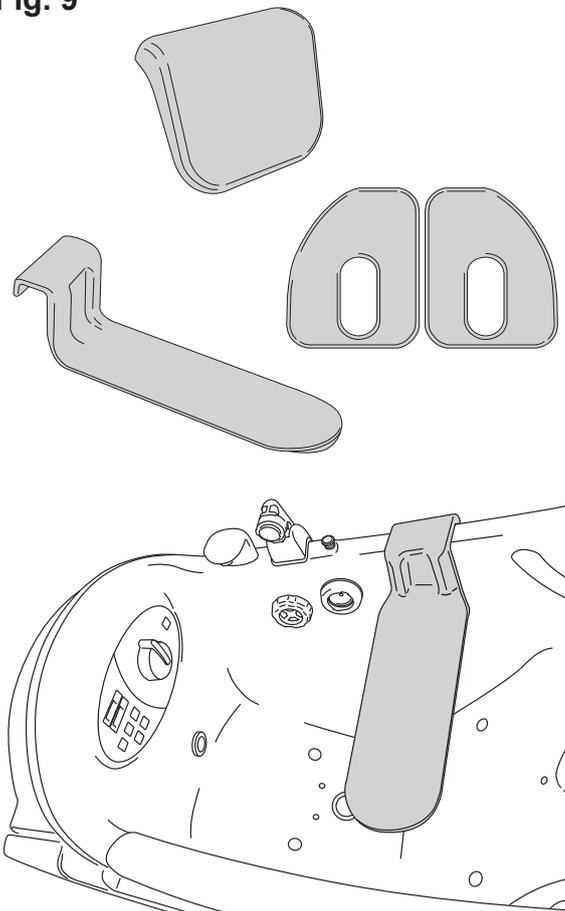
Never put the patient in the bathtub when the power indicator light on the control panel is out. Ensure that the bath is connected to a power outlet or the battery might run out of power.

Contact your local Arjo technician if problem occurs.

Battery charge level when the main power supply is not connected.

Yellow LED on	No mains connected
Yellow LED flashing	No mains connected and battery is running low. The Battery is automatically charged when the <i>Parker</i> bath is connected to the mains.
No LED light	Connect the <i>Parker</i> bath to the mains to charge the battery.

Fig. 9



Head Cushion, Back Support Cushions and Leg Rest (accessories)

Extra cushions are available for added comfort for the patient. The back support cushions have suction cups for easy attachment to the bath. (See Fig. 9)

These accessories can be ordered from your local Arjo representative.

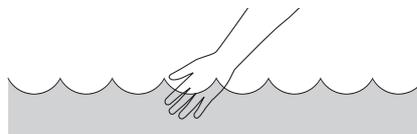
CAUTION

Always fit leg rest on the opposite side of the door. If hung on the door, damage to the door may occur.

Bathe Patient

To complete a full patient bath follow these 36 steps.

WARNING



To prevent scalding, always check the water temperature with your naked hand before directing the water on the patient. Do not use gloves as it may insulate to the extent that the water temperature can be misjudged. Point the flow of the water away from the patient.

Fill the Footwell with Water

(Step 1-3 of 36)

1 Ensure that the bathtub is in a upright position. (See Fig. 1)

2 Close the drainage plug by rotating the drain control knob counter clockwise. (See Fig. 2)

3 Activate prefill by pressing the  auto fill button. (See Fig. 3)

- Feel the water temperature with a naked hand and let the patient feel the water. Adjust the knob to a comfortable temperature.
- The filling stops automatically when the footwell is filled.

Continue with the steps on the next page.

Fig. 1

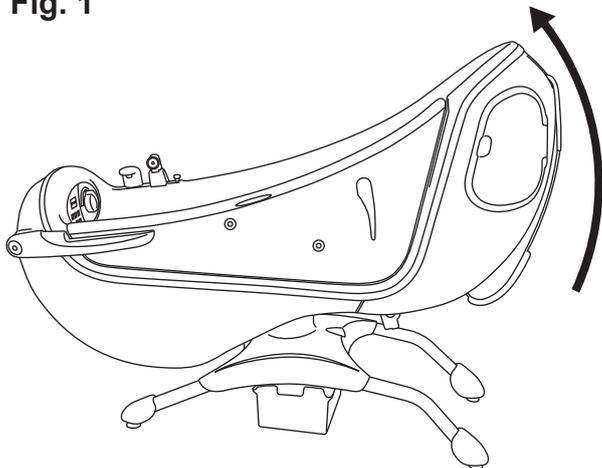


Fig. 2

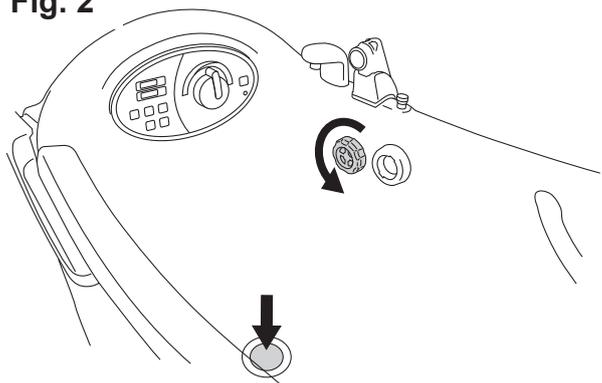
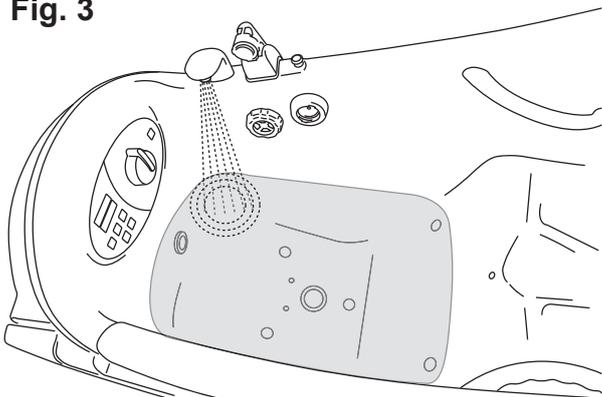


Fig. 3



Bathe the Patient

(Step 4-14 of 36)

- 4 Open the bath door by pressing the door handle down. Make sure no objects are in the path of opening the door. Raise the door to a fully open position.

- 5 **WARNING**

To avoid falling, make sure the patient always remains in a seated position.

Adjust the bathtub height by pressing  up or  down button on the hand control, in order to get the right patient seating height. (See Fig. 4)

- 6 **WARNING**

To avoid falling, make sure the patient uses the grab rails for support when entering or exiting the bath.

If needed, help the patient get seated in the *Parker* bath. (See Fig. 4)

- 7 **WARNING**

To avoid falling, make sure the patient always remains in a seated position.

If needed, help the patient to place their feet into the footwell. (See Fig. 5)

- 8 **WARNING**

To avoid entrapment, make sure to keep the patients hair, arms and feet close to the body and use designated grab supports during any movement.

Close and lock the bath door by pulling the door handle fully up (with some physical force) until aligned with the closed lock sticker.

Continue with the steps on the next page.

Fig. 4

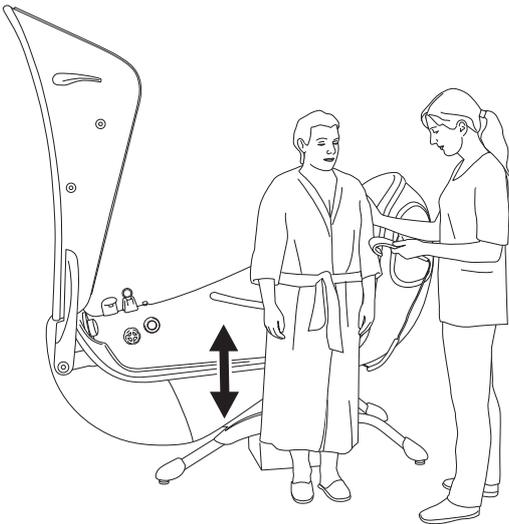


Fig. 5

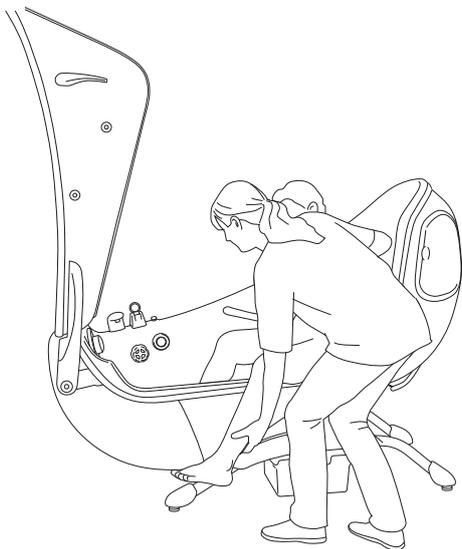


Fig. 6

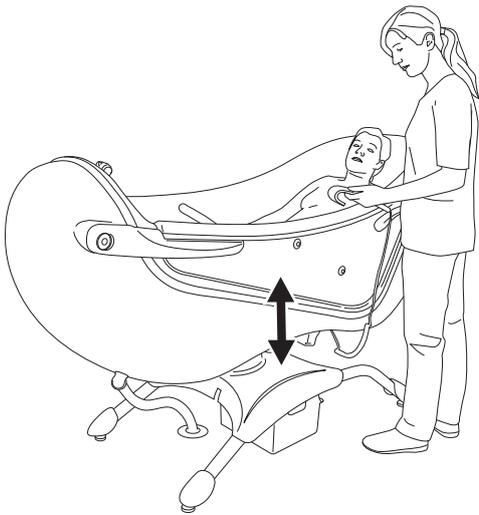
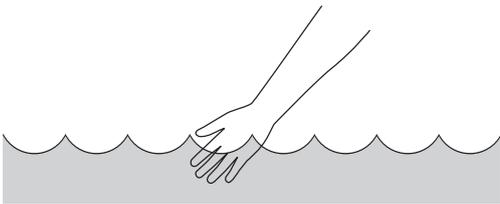


Fig. 7



9 **WARNING**

To avoid entrapment, make sure to keep the patients hair, arms and feet close to the body and use designated grab supports during any movement.

Recline the bathtub by pressing the  tilt back button on the hand control.

- 10 Position the bathtub to the preferred working height by pressing  up or  down buttons on the hand control. (See Fig. 6)
- 11 Adjust bath water depth by pressing  auto fill button.
 - The filling stops automatically after 60 s.
 - To stop filling within this time frame, press  auto fill button.
 - If the button is pressed once again, the filling starts for another 60 s.
- 12 Adjust the water temperature by rotating the temperature knob on the control panel.
- 13 Feel the water temperature with a naked hand and let the patient feel the water as well. (See Fig. 7)
- 14 Stop filling at desired water level.

Shower the Patient (Step 15-24 of 36)

- 15 Lift off the shower handle from the holder or stand.
- 16 Hold the shower handle away from the patient.
- 17 Press the  shower button on the control panel (the LED lights up when active).

Continue with the steps on the next page.

Fig. 8

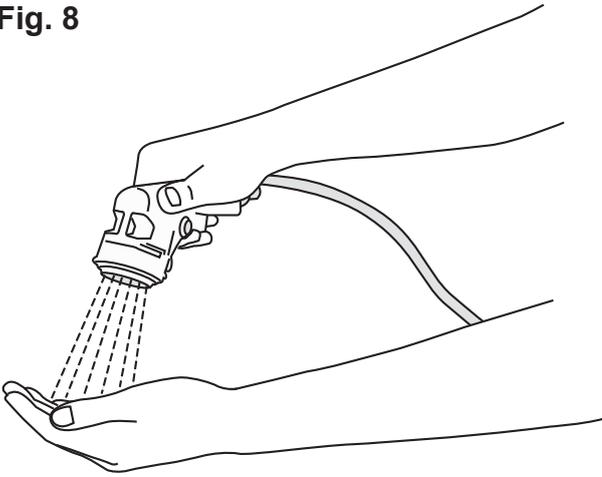
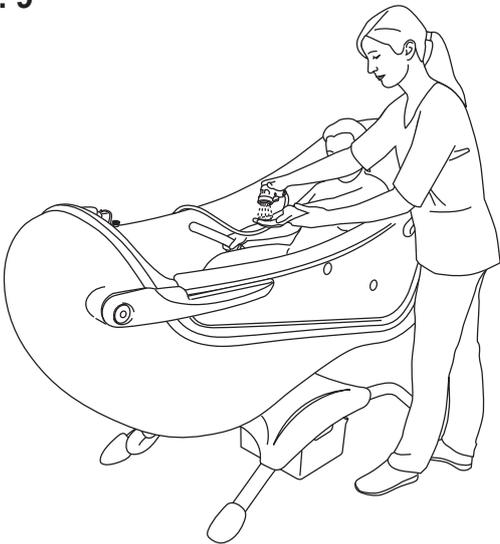


Fig. 9



18 **WARNING**

To prevent scalding, always check the water temperature with your naked hand before directing the water on the patient. Do not use gloves as it may insulate to the extent that the water temperature can be misjudged. Point the flow of the water away from the patient.

Press the trigger on the shower handle directing the water stream away from the patient.

- 19 The top display shows the shower water temperature. Allow a few seconds for the display to adjust the temperature. If needed, turn the knob to adjust the water temperature.
- 20 Also check by placing your naked hand in the water stream that the water temperature is not too hot. (See Fig. 8)
- 21 Allow the patient to feel the water with his or her hand before the water stream is directed onto the patient. If needed, adjust water temperature by turning the knob. (See Fig. 9)
- 22 To keep the trigger handle in for a longer period, activate the lock button by pushing it in. To deactivate, push the trigger.
- 23 When showering is finished, press the  shower button on the control panel.
- 24 Make sure the shower trigger is unlocked before placing the shower handle back into the holder or stand.

NOTE

Raise the bathtub, for optimum use of the shower stand, and turn the shower stand away from the patient when not in use. (UK only)

Continue with the steps on the next page.

Air Spa System (option)

(Step 25-25 of 36)

25 To activate the Air Spa system, use either the buttons on the control panel or on the hand control.

- To activate the Air Spa system in the whole bath, press the  Air Spa - whole bath button. The Air Spa system will start with low intensity in the whole tub.
- If pressed a second time the Air Spa system intensity will increase.
- If pressed a third time the Air Spa system will stop.
- The above sequence apply to the  Air Spa system - footwell button as well.

Sound & Vision® System (option)

(Step 26 of 36)

26 Activate the *Sound & Vision* system through the USB outlet and the *Sound & Vision* system hand control, which is located behind the cover.

Unscrew the black cap counter clockwise to get to the USB outlet and plug in the USB memory stick. (See Fig. 10)

End the bath cycle

(Step 27-35 of 36)

27 When bathing is complete, drain the bathtub by opening the drain. Turn the drain control knob clockwise.

28 With intervals, tilt the bathtub to upright position by pressing the  tilt up button on the hand control. Try to keep the patient in the water as long as possible.

29 In the mean time, keep the patient warm by showering the upper body or covering him or her with a towel.

30 When the bathtub is in an upright position, lean the patient forward and ask him or her to grab the handles. Shower and dry the patient's upper body and place a towel around the patient to preserve heat. (See Fig. 11)

31 Lower the bathtub to the lowest position. (See Fig. 12)

Fig. 10

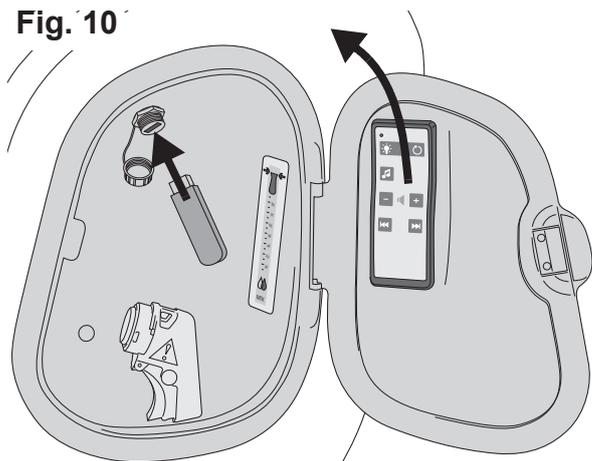
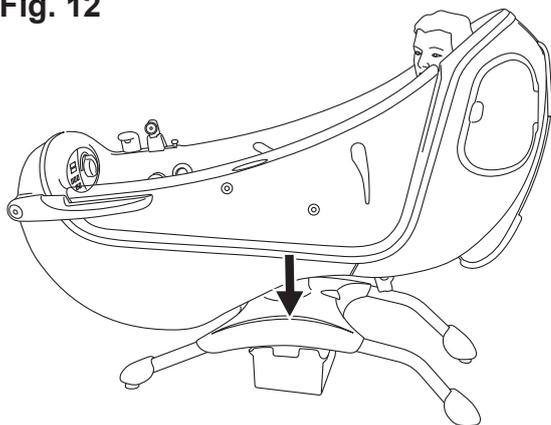


Fig. 11

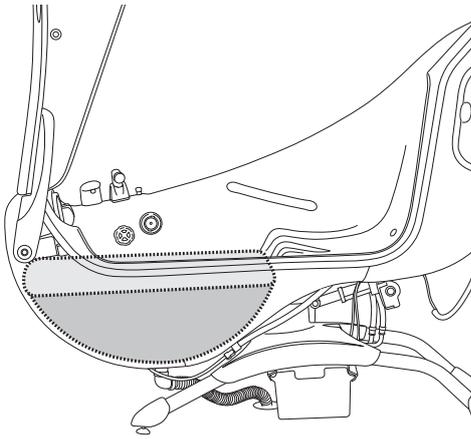


Fig. 12



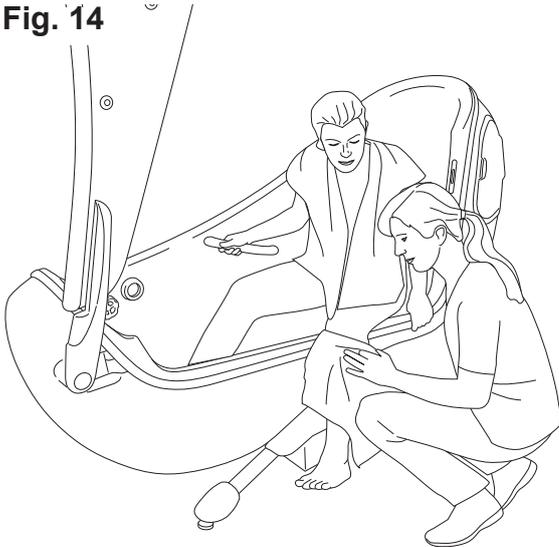
Continue with the steps on the next page.

Fig. 13



- 32 Make sure that the water level is below the door opening. (See Fig. 13)
- 33 Unlock and open the bath door by pulling the door handle down and lift the door up. Make sure no objects are in the path of opening the door.

Fig. 14



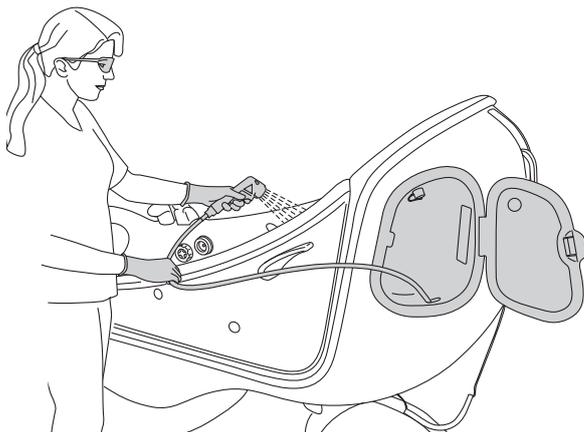
- 34 If necessary, gently grab the patient's legs and dry them before placing them on the floor. (See Fig. 14)

35 **WARNING**

To avoid falling, make sure the patient uses the grab rails for support when entering or exiting the bath.

Remove the patient and dry remaining wet areas of the patient's body.

Fig. 15



**Disinfect after each Patient
(Step 36-36 of 36)**

- 36 Make the bath ready for the next patient. The bath must be fully disinfected after each use to prevent cross-contamination. See section *Cleaning and Disinfection Instructions* on page 28. (See Fig. 15)

NOTE

To preserve the door seal, leave the door slightly open when not in use.
Place the hand control on the hand control holder when not in use.

Bathe Patient using a Standing & Raising Aid

*Parker bath integrates with Arjo products according to **Allowed Combinations** in section **Technical Specifications** on page 49.*

Patient Transfer from Sara 3000 to Parker Bath

(30 steps)

- 1 Lower the bathtub to the lowest position.
- 2 Start filling the footwell. (See Fig. 1)

3 **WARNING**

To prevent scalding, always check the water temperature with your naked hand before directing the water on the patient. Do not use gloves as it may insulate to the extent that the water temperature can be misjudged. Point the flow of the water away from the patient.

Check the water temperature with your naked hand.
(See Fig. 2)

- 4 Open the bath door. Make sure no objects are in the path of opening the door.
- 5 Transfer the patient to the bathroom.
- 6 Place the sling around the patient and fasten it to the standing and raising aid.
- 7 Activate the standing and raising aid and raise the patient.
- 8 Pull down the patient's trousers or skirt.
- 9 Transfer the patient to the *Parker bath*. (See Fig. 3)

Continue with the steps on the next page.

Fig. 1

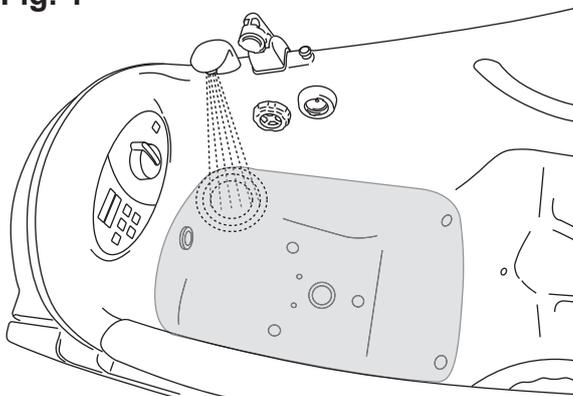


Fig. 2

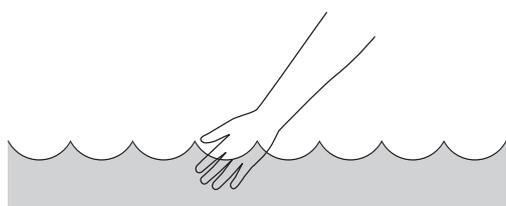


Fig. 3

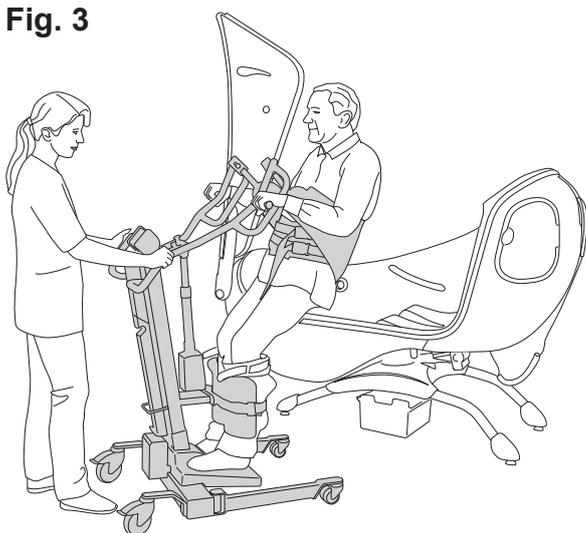
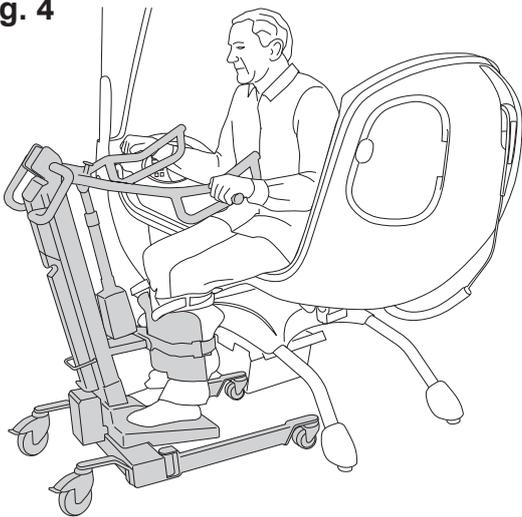
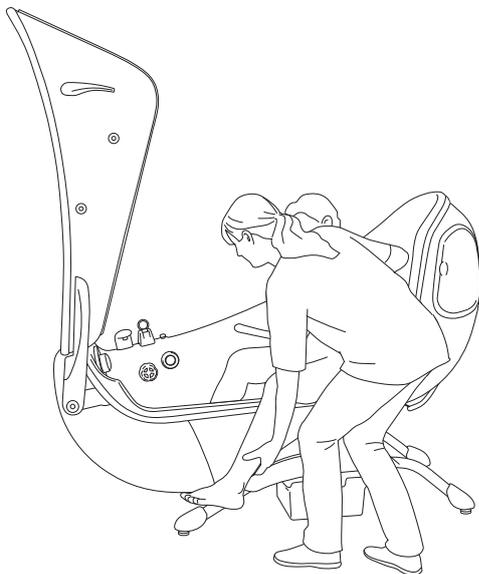


Fig. 4



- 10 Lower the patient in order to place him or her on the bathtub seat. **(See Fig. 4)**
- 11 Detach the sling and pull the standing and raising aid away.
- 12 Undress the patient's upper half.
- 13 Take off the patient's trousers or skirt.
- 14 Let the patient feel the water temperature in the footwell.

Fig. 5



- 15 If needed, gently, spin the patient around and place his or her feet in the footwell. **(See Fig. 5)**

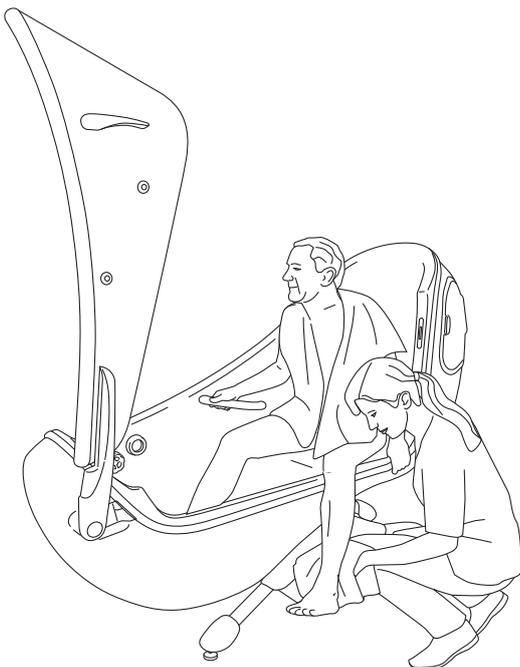
16 **WARNING**

To avoid entrapment, make sure to keep the patients hair, arms and feet close to the body and use designated grab supports during any movement.

Close the bath door.

- 17 Perform the bathing, see section *Bathe the Patient* on page 18.
- 18 Lower the bathtub after ending the bathing cycle.
- 19 Position the standing and raising aid close to the *Parker* bath.
- 20 Open the bath door. Make sure no objects are in the path of opening the door.
- 21 Gently, spin the patient around and place his or her feet outside the bath and dry them thoroughly. **(See Fig. 6)**

Fig. 6



Continue with the steps on the next page.

- 22 Dress the patient's upper body.
- 23 Dry the patient's feet and legs.
- 24 Pull the patient's trousers or skirt up to his or her ankle area.
- 25 Put the sling on.
- 26 Adjust the height of the bathtub until the patient's feet are positioned on the standing and raising aid.
- 27 Attach the sling to the standing and raising aid.
- 28 Activate the lift and raise the patient up.
- 29 Dry the remaining wet areas of the patient's body.
- 30 Pull the patient's trousers or skirt all the way up.

Bathe Patient using a Ceiling Lift

Parker bath integrates with Arjo products according to *Allowed Combinations* in section *Technical Specifications* on page 49.

Patient Transfer from a Ceiling Lift to Parker Bath

(16 steps)

- 1 Close door and prefill the bath with the bathtub in an upright position.
- 2 When prefilled, recline the bathtub and lower it to its lowest position. (See Fig. 1)
- 3 Put the patient in a sling.

4 **WARNING**

To prevent scalding, always check the water temperature with your naked hand before directing the water on the patient. Do not use gloves as it may insulate to the extent that the water temperature can be misjudged. Point the flow of the water away from the patient.

Check the water temperature with your naked hand. (See Fig. 2)

5 **WARNING**

To avoid entrapment, make sure to keep the patients hair, arms and feet close to the body and use designated grab supports during any movement.

Transfer the patient over the closed bath door to the reclined bathtub. (See Fig. 3)

Continue with the steps on the next page.

Fig. 1

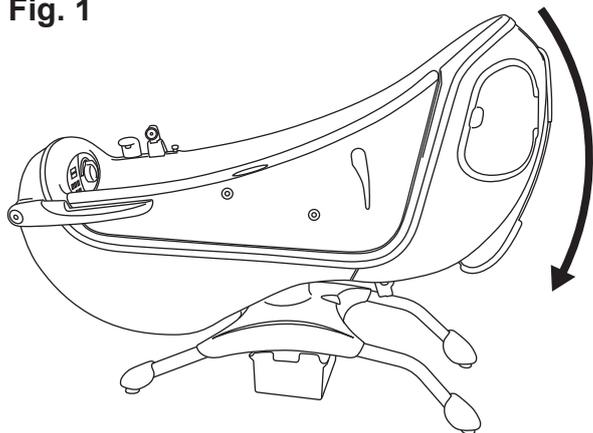


Fig. 2

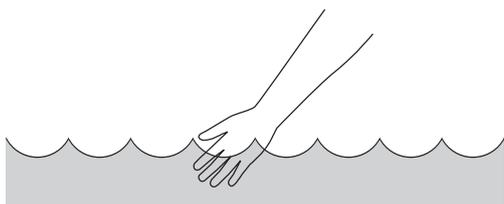


Fig. 3

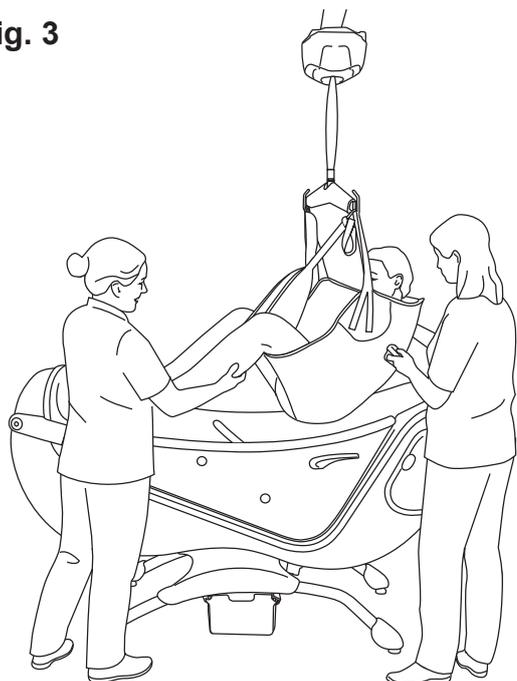
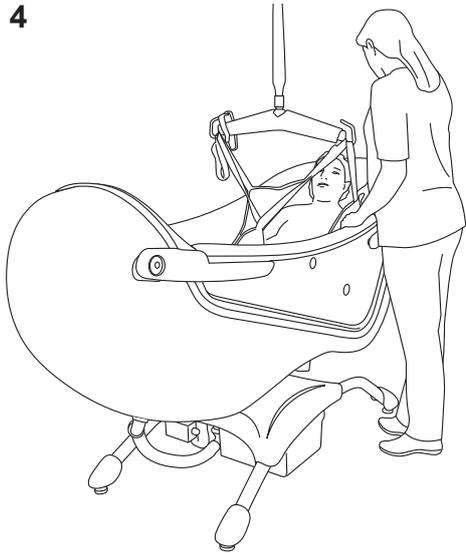


Fig. 4



- 6 Raise the bathtub to an ergonomic working height. Adjust the height of the spreader bar, if needed.
- 7 Let there be some tension in the sling from the spreader bar to keep the patient in place. **(See Fig. 4)**
- 8 Fill the bathtub with water to an appropriate level.

- 9 Make sure to feel the water temperature and adjust, if needed. **(See Fig. 5)**

- 10 Perform the bathing (see section *Bathe the Patient on page 18*).

- 11 Begin to drain the bathtub by opening the drain.

- 12 Lower the bathtub to its lowest position.

- 13 Lift patient slightly up from the bathtub and shower the patient's back. **(See Fig. 6)**

- 14 Dry the patient in the sling and transfer him or her over the closed bath door to a preferred helping aid. Finish drying the patient. **(See Fig. 7)**

- 15 Tilt the bathtub to upright position to drain the bath completely.

- 16 Disinfect the bath to prevent cross-contamination. See section *Cleaning and Disinfection Instructions on page 28*.

Fig. 5

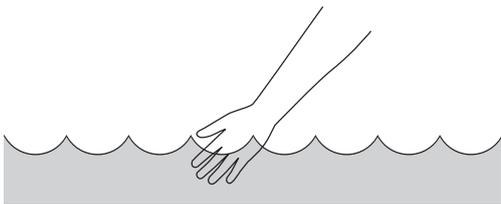


Fig. 6

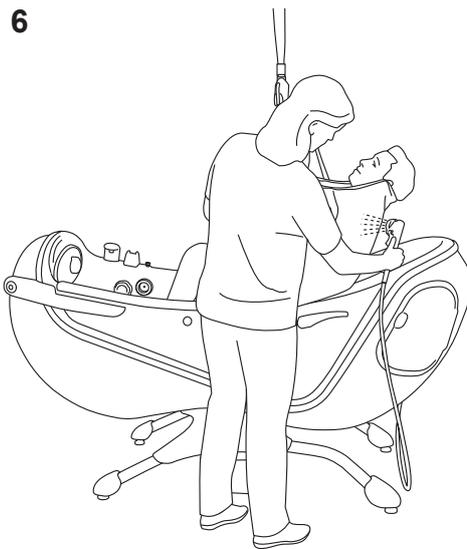
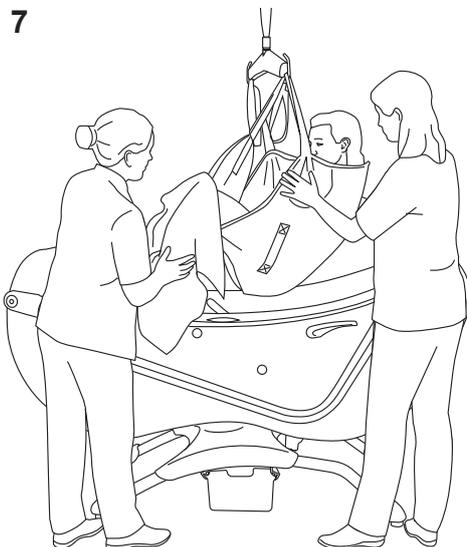


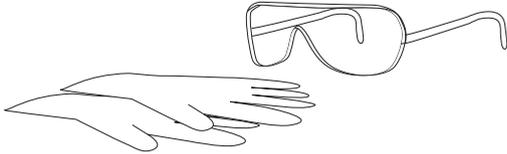
Fig. 7



Cleaning and Disinfection Instructions

Thorough disinfection routines are necessary to prevent the build-up of bacteria on and in the equipment and to prevent cross-contamination. This is particularly vital in cases where the *Parker* bath is in a shared facility.

WARNING



To avoid eye and skin damage, always use protective glasses and gloves. If contact occurs rinse with plenty of water. If eyes or skin becomes irritated, contact a physician. Always read the material safety data sheet of the disinfectant.

WARNING

To prevent cross-contamination, always follow the disinfection instructions in this *Instructions for Use*.

WARNING

To avoid eye or skin irritation, never disinfect in the presence of a patient.

CAUTION

To avoid damage on the equipment only use Arjo branded disinfectants.

Arjo Disinfectants

For optimal performance only use Arjo Disinfectants. If you have any questions regarding disinfecting the equipment or wish to order disinfectant, see section *Parts and Accessories on page 61*.

If the *Parker* bath is equipped with Air Spa system, the bath must be disinfected with its integrated disinfection system.

If the *Parker* bath does not have an integrated disinfection system, the *Multi Clean* disinfection system must be used.

Always disinfect the Air Spa system, even when the blower has not been used.

Accessories for Cleaning and Disinfection

- Protective glasses
- Protective gloves
- Spray bottle with disinfectant or disinfection spray handle with disinfectant.
- Spray bottle with water/shower handle with water
- Cloths – wet and dry
- Disposable towels
- Soft bristled brush
- Long handled soft bristled brush

Microbiological Formation Prevention

In order to enhance the on-site curative actions (chlorine or thermal shock), which do not guarantee a reduction of the contamination long term, make sure to follow the instructions below.

Installation precautions

In order to limit the growth of bacterial flora, it is necessary to take action at four levels:

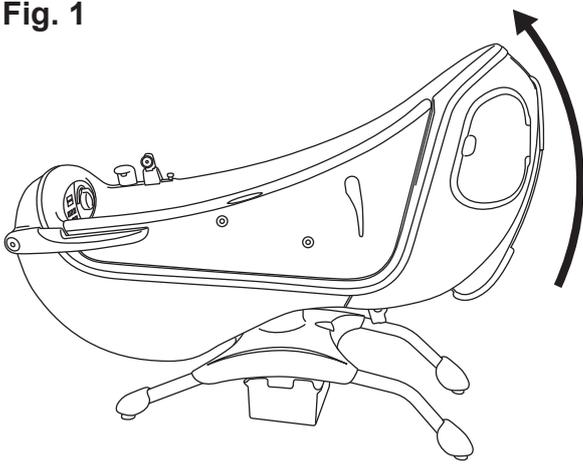
- Avoid stagnating water and make sure proper water circulation;
- Take precautions against the formation of scale and corrosion based on the water quality;
- Maintain a high water temperature all the way from the hot water dispenser to the different distribution pipes;
- Mix hot and cold water as close as possible to the point of use.

Use

- Make sure that the water circulates in the bath and the shower on a daily basis *even if the bathtub is not used*; and particular to make sure to remove any water that may be left behind in the hose.
- Let the water flow approximately 5 minutes before the first bath of the day.
- Clean and disinfect the bathtub according to the *IFU* before the first bath of the day and after the bath of each patient.

Do not forget to contact Arjo for the annual Preventive Maintenance visit.

Fig. 1



Replace Disinfectant Bottle

(10 steps)

WARNING

To prevent cross-contamination, always follow the disinfection instructions in this *Instructions for Use*.

- 1 Make sure that the *Parker* bath is in an upright position. (See Fig. 1)
- 2 Open the compartment for disinfectant bottle. (See Fig. 2)
- 3 On the disinfectant bottle:
 - open the bottle lock
 - disconnect the suction part from the bottle.
- 4 Discard the old bottle and replace with a new one.
- 5 Open the cover and grab the disinfection spray handle.
- 6 Press the  disinfection button for 5 s.
- 7 Spray disinfectant in the bath while keeping an eye on the flowmeter.
- 8 Check the mix ratio on the flowmeter so that it is in accordance with the setting range stated in this *IFU*. (See Fig. 3)

Fig. 2

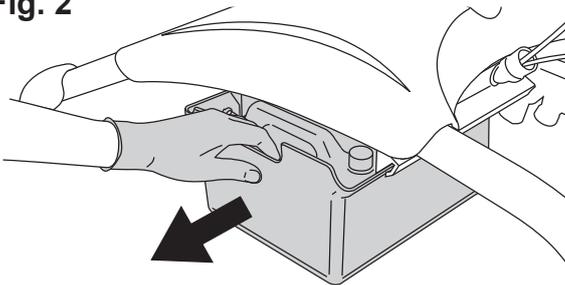
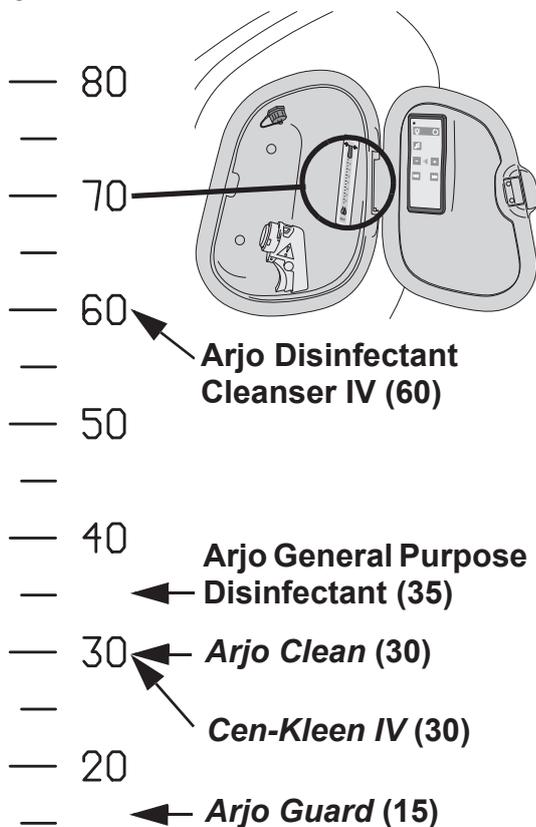
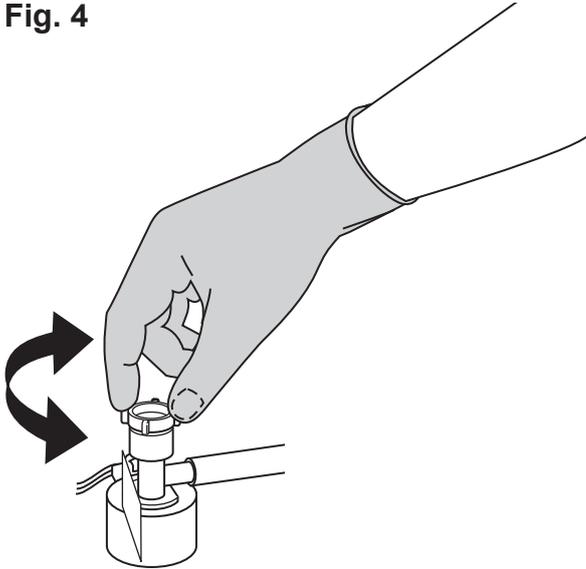


Fig. 3



Continue with the steps on the next page.

Fig. 4



- 9 If necessary, adjust the bottle cap by hand to get the right mix ratio. **(See Fig. 4)**
- 10 Adjust water temperature so that the disinfectant mixtures reaches approximately 20 °C (68 °F).

Clean and Disinfect with a Spray Bottle (31 steps)

WARNING

To prevent cross-contamination, always follow the disinfection instructions in this Instructions for Use.

Remove visual residue (Step 1-5 of 31)

- 1 Raise the bathtub to convenient working position.
- 2 Make sure all functions are turned off.
- 3 Open the drain to empty any left over water.
- 4 Detach and place the accessories (if applicable) such as head cushion, back support cushions and leg rest, at the bottom of the bathtub.
- 5 Shower and rinse the bathtub and the accessories in the bottom of the bathtub with water to remove visible residue. Turn the accessories and rinse again.

Continue with the steps on the next page.

Clean
(Step 6-17 of 31)

- 6 Put on protective gloves and eye wear.
- 7 Mix the disinfectant according to the label instructions stated on the disinfectant bottle.
- 8 Spray disinfectant in drain. Use a long handled brush to scrub drain.
- 9 Close the drain.
- 10 Spray disinfectant using the spray bottle on all internal bathtub surfaces and the accessories at the bottom of the bathtub. Turn the accessories and spray on the other side. Pay attention to parts and knobs and sensors attached to the bathtub surface such as drain control knob/surface overflow outlet. (See Fig. 1)

CAUTION

Never use green or brown Scotch-Brite nor steel wool on the bath as it may scratch the surface.

- 11 Scrub the surfaces of the bathtub, loose parts and accessories with a soft bristle brush or cloth (to remove any deposits e.g. skin flakes). Scrub thoroughly, especially on handles and hand control. (See Fig. 2)
- 12 Open the drain.
- 13 Raise the *Parker* bath to upright position.
- 14 Rinse all parts clean with plenty of water having a temperature of approximately 25 °C (77 °F) using the shower handle to remove disinfectant.
- 15 Soak a cloth in disinfectant.
- 16 Wipe all other contact areas such as the outside of the bathtub (particularly behind the head), metal sensory knobs and hand control with the cloth.
- 17 Wet a new cloth with water and remove all traces of disinfectant on contact areas. The cloth should occasionally be rinsed in running water when removing disinfectant.

Continue with the steps on the next page.

Fig. 1

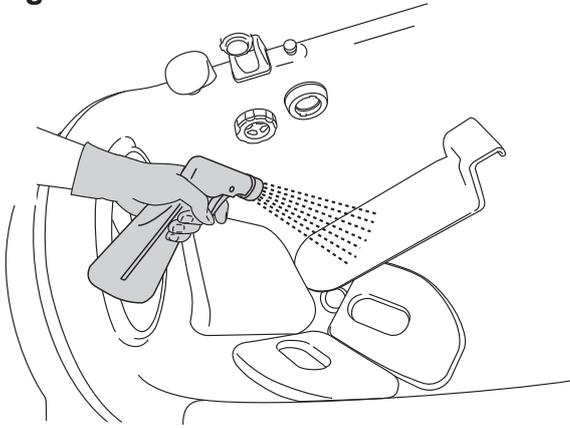
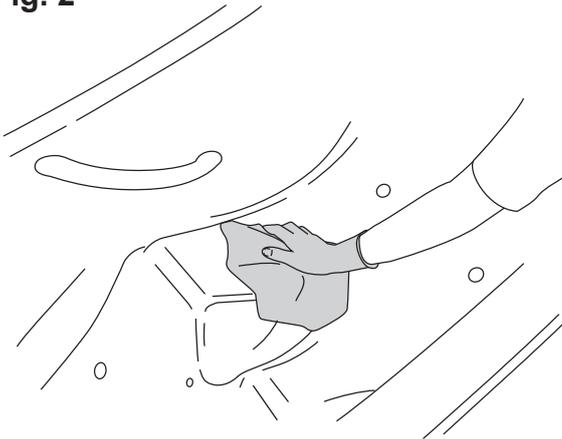


Fig. 2



**Disinfect
(Step 18-31 of 31)**

18 Use a spray bottle and spray disinfectant in drain.

19 Close the drain.

20 Spray disinfectant on all internal bathtub surfaces and the accessories at the bottom of the bathtub. Turn the accessories and spray on the other side. Pay attention to parts and knobs and sensors attached to the bathtub surface such as drain control knob/surface overflow outlet.

(See Fig. 3)

21 Allow an appropriate contact time of the disinfectant according to the instructions on the disinfectant bottle.

22 Open the drain.

23 Raise the *Parker* bath to upright position.

24 Push the button for shower.

25 Rinse all parts clean with water having a temperature of approximately 25 °C (77 °F) using the shower handle to remove the disinfectant. **(See Fig. 4)**

26 Soak a cloth in disinfectant.

27 Wipe all other contact areas such as the outside of the bathtub (particularly behind the head), metal sensory knobs and hand control with the cloth.

28 Allow an appropriate contact time of the disinfectant according to the instructions on the disinfectant bottle.

29 Wet a new cloth with water and remove all traces of disinfectant on contact areas. The cloth should occasionally be rinsed in running water when removing disinfectant.

30 Leave to air dry.

31 Attach any accessories.

Fig. 3

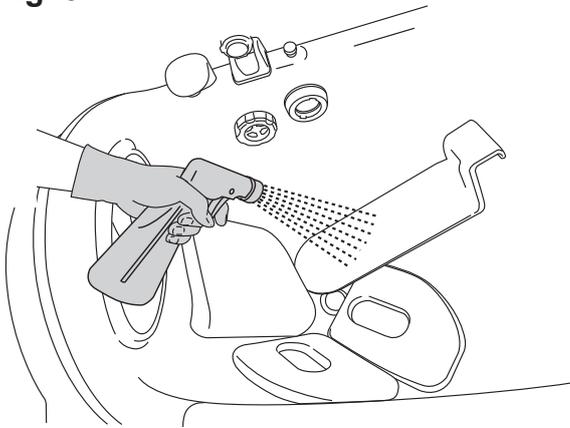


Fig. 4

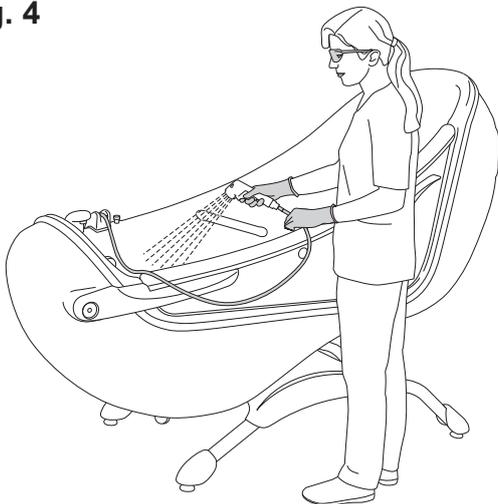


Fig. 1

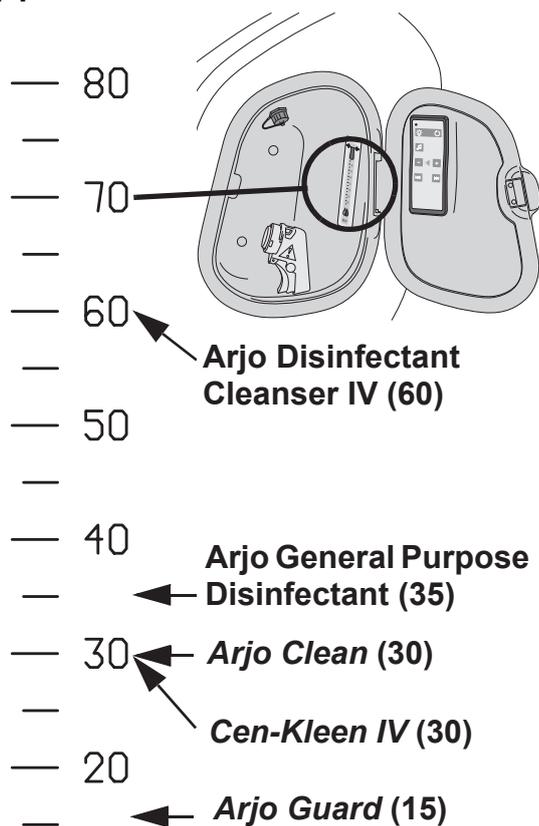
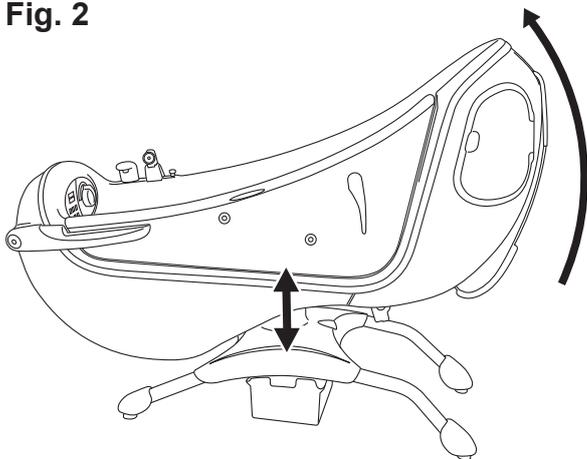


Fig. 2



Clean and Disinfect with Disinfection Spray Handle

(66 steps)

WARNING

To prevent cross-contamination, always follow the disinfection instructions in this Instructions for Use.

Remove visual residue

(Step 1-10 of 66)

- 1 **Determining the disinfectant mixing ratio:** Spray disinfectant in the bathtub while keeping an eye on the flowmeter.
- 2 Check the level of the disinfectant in the disinfectant bottle.
- 3 Check the mix ratio of the disinfectant on the flowmeter so that it is in accordance with the setting stated in this *IFU*. (See Fig. 1)
- 4 If necessary, adjust the bottle cap by hand to get the right mix ratio.
- 5 Raise the bathtub to convenient working position. (See Fig. 2)
- 6 Make sure all functions are turned off.
- 7 Open the drain and empty any left over water so that the water sensory knobs do not detect any water. If water is detected, the disinfection function will remain de-activated.
- 8 Tilt the bathtub to an upright position. (See Fig. 2)
- 9 Detach and place the accessories (if applicable) such as head cushion, back support cushions and leg rest, at the bottom of the bathtub.
- 10 Shower and rinse the bathtub and the accessories in the bottom of the bathtub with water to remove visible residue. Turn the accessories and rinse again.

Continue with the steps on the next page.

Fig. 3

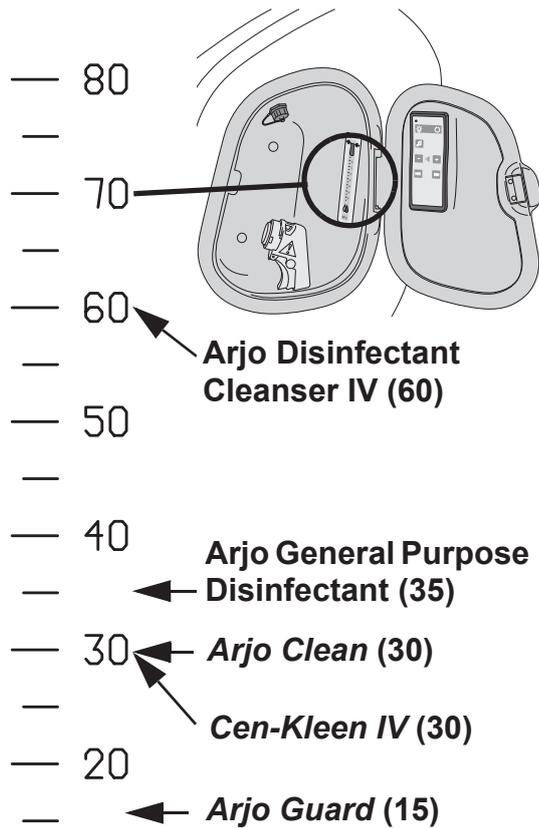


Fig. 4

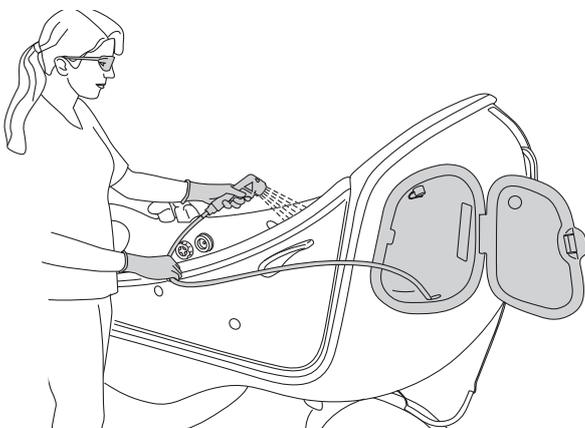
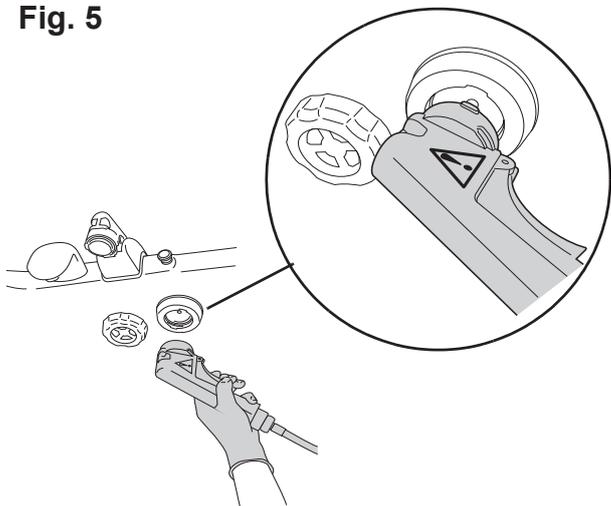


Fig. 5



Clean

(Step 11-38 of 66)

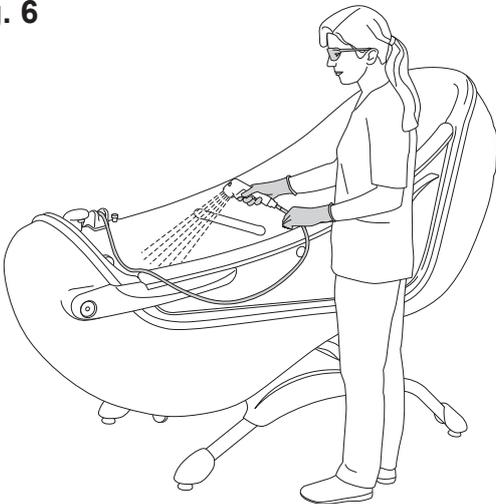
- 11 Open the cover, lift out the disinfection spray handle and direct the disinfectant spray towards the bottom of the bathtub.
 - 12 Press the  disinfection button for 5 s on the control panel to turn it on.
 - 13 Press the trigger on disinfection spray handle and spray disinfectant in the bathtub while keeping an eye on the flowmeter. (See Fig. 3)
 - 14 Spray until the flowmeter shows the correct mixing value. If the flow meter value is not correct, adjust it according to section *Cleaning and Disinfection Instructions on page 28*. (See Fig. 3)
 - 15 Adjust water temperature so that disinfectant mixtures reaches approximately 20 °C (68 °F).
 - 16 Spray disinfectant in the drain. Use a long handled brush to scrub the drain.
 - 17 Close the drain.
 - 18 Spray disinfectant using the disinfection spray handle on all internal bathtub surfaces and the accessories at the bottom of the bathtub. Turn the accessories and spray on the other side. Pay attention to parts and knobs and sensors attached to the bathtub surface such as drain control knob/surface overflow outlet. (See Fig. 4)
 - 19 Scrub the surfaces of the bathtub, loose parts and accessories with a soft bristle brush or cloth (to remove any deposits e.g. skin flakes). Scrub thoroughly, especially on handles and hand control.
- For Parker bath without Air Spa system continue from step 31. Additional steps 20-30 for Air Spa system only:**
- 20 Tilt the *Parker* bath backwards so that all nozzles will come in contact with disinfectant.
 - 21 Release trigger and place the disinfection spray handle into the disinfectant/rinsing inlet (some force may be needed). (See Fig. 5)
 - 22 The inlet is fitted with insert locks and can be turned either way to be secured tightly. (See Fig. 5)

Continue with the steps on the next page.

NOTE

Disinfection should be distributed through all Air Spa system nozzles or proper disinfection can not be guaranteed. Contact an Arjo technician if problem occurs.

- 23 Press the trigger handle and hold it until the disinfectant flows from all Air Spa system nozzles.
- 24 Let it run for another 30 s.
- 25 Release the trigger and remove the disinfection spray handle from the disinfectant/rinsing inlet.
- 26 Press the  disinfection button for 5 s to turn disinfection off.
- 27 Place the disinfection spray handle back in its holder.
- 28 Place the shower handle into the disinfectant/rinsing inlet and turn it either way to secure it tightly.
- 29 Press the trigger on the shower handle and hold it until clean water flows from all nozzles.
- 30 Let it run for another 30 s.
- 31 Open the drain.
- 32 Raise the *Parker* bath to upright position.
- 33 Rinse all parts clean with plenty of water having a temperature of approximately 25 °C (77 °F) using the shower handle to remove disinfectant. **(See Fig. 6)**
- 34 Press the  shower button on the front panel to turn it off.
- 35 Place the shower handle back into the holder.
- 36 Soak a cloth in disinfectant.
- 37 Wipe all other contact areas such as the outside of the bathtub (particularly behind the head), metal sensory knobs and hand control with the cloth.
- 38 Wet a new cloth with water and remove all traces of disinfectant on contact areas. The cloth should occasionally be rinsed in running water when removing disinfectant.

Fig. 6

Continue with the steps on the next page.

Disinfect (Step 39-66 of 66)

- 39 Direct the disinfection spray handle towards the drain and spray disinfectant in the drain.
- 40 Close the drain.
- 41 Spray disinfectant using the disinfection spray handle on all internal bathtub surfaces and the accessories at the bottom of the bathtub. Turn the accessories and spray on the other side. Pay attention to parts and knobs and sensors attached to the bathtub surface such as drain control knob/surface overflow outlet. (See Fig. 7)

For Parker bath without Air Spa system continue from step 55. Additional steps 42-54 for Air Spa system only:

- 42 Tilt the *Parker* bath backwards so that all nozzles will come in contact with disinfectant.
- 43 Release trigger and place the disinfection spray handle into the disinfectant/rinsing inlet (some force may be needed). (See Fig. 8)
- 44 The inlet is fitted with insert locks and can be turned either way to be secured tightly. (See Fig. 8)

NOTE
Disinfection should be distributed through all Air Spa system nozzles or proper disinfection can not be guaranteed. Contact an Arjo technician if problem occurs.

- 45 Press the trigger handle and hold it until the disinfectant flows from all Air Spa system nozzles.
- 46 Let it run for another 30 s.
- 47 Release the trigger and remove the disinfection spray handle from the disinfectant/rinsing inlet.
- 48 Press the  disinfection button for 5 s to turn disinfection off.
- 49 Allow an appropriate contact time of the disinfectant according to the instructions on the disinfectant bottle.
- 50 Place the disinfection spray handle back in its holder.
- 51 Place the shower handle into the disinfectant/rinsing inlet and turn it either way to secure it tightly.

Continue with the steps on the next page.

Fig. 7

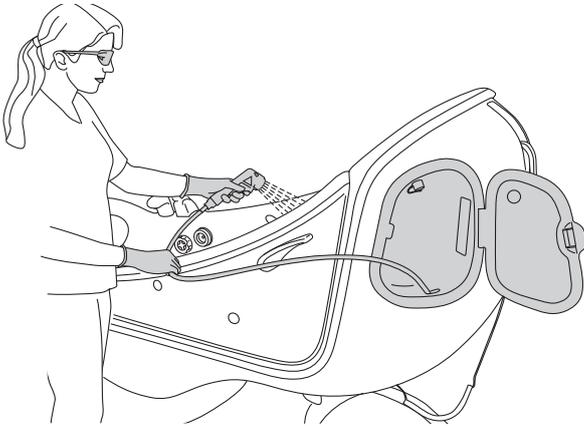


Fig. 8

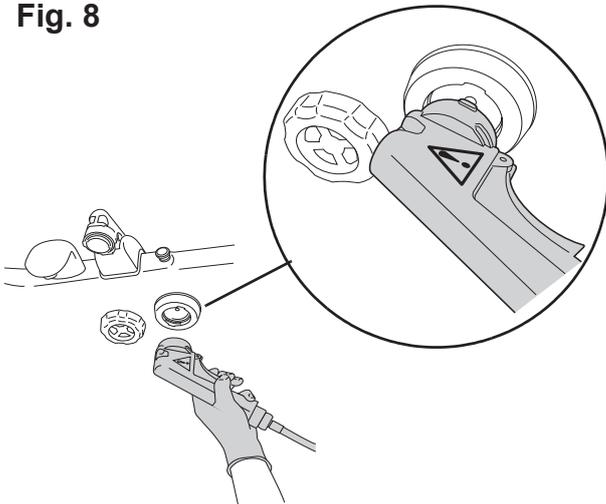


Fig. 9



- 52 Press the trigger on the shower handle and hold it until clean water flows from all nozzles.
- 53 Let it run for another 30 s.
- 54 Take out the shower handle from the disinfectant/rinsing inlet.
- 55 Open the drain.
- 56 Raise the *Parker* bath to upright position.
- 57 Rinse all parts clean with water having a temperature of approximately 25 °C (77 °F) using the shower handle to remove the disinfectant. **(See Fig. 9)**
- 58 Soak a cloth in disinfectant.
- 59 Wipe all other contact areas such as the outside of the bathtub (particularly behind the head), metal sensory knobs and hand control with the cloth.
- 60 Allow an appropriate contact time of the disinfectant according to the instructions on the disinfectant bottle.
- 61 Wet a new cloth with water and remove all traces of disinfectant on contact areas. The cloth should occasionally be rinsed in running water when removing disinfectant.
- 62 Leave to air dry.
- 63 Attach any accessories.

Additional steps 64-66 for Air Spa system only:

- 64 Press twice on the  Air Spa system button for the whole bath, to activate the highest Air Spa system intensity.
- 65 Keep it running for 30 s to remove water inside the Air Spa system jets.
- 66 Turn off Air Spa system by pressing the  Air Spa system - whole tub button again.

Fig. 1

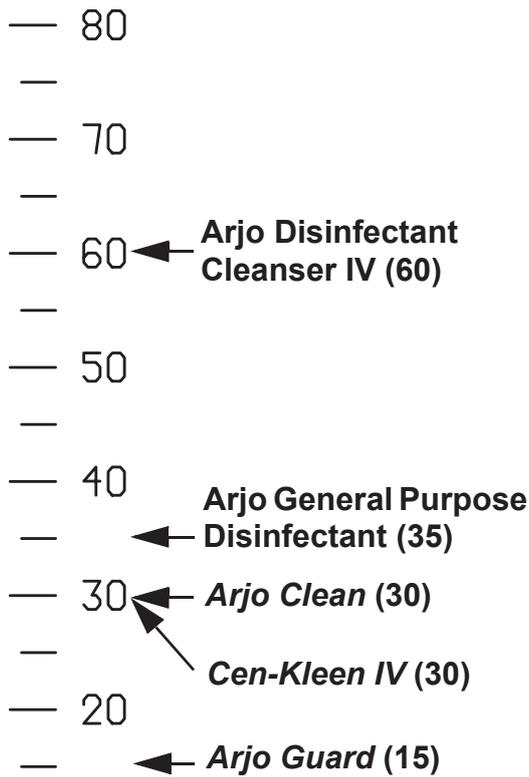


Fig. 2

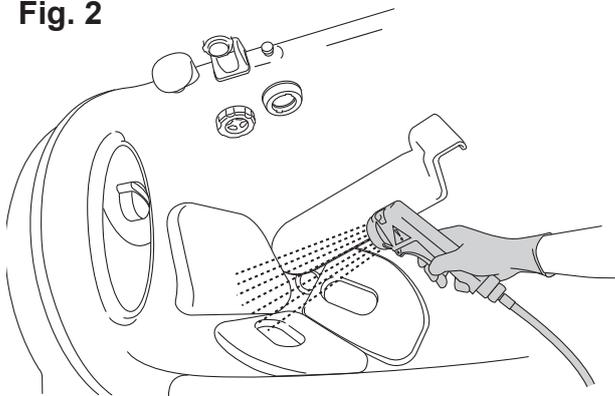
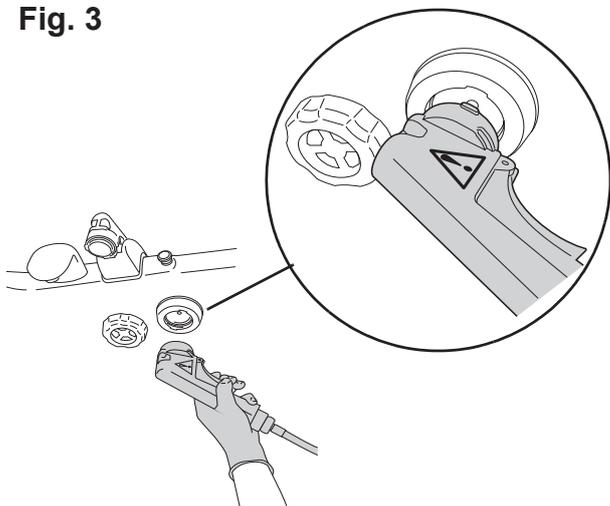


Fig. 3



Clean and Disinfect Parker Bath using MultiClean

(33 steps)

WARNING

To prevent cross-contamination, always follow the disinfection instructions in this Instructions for Use. (See Fig. 1)

Follow steps 1- 30 after bathing each patient.

- 1 Check the level of the disinfectant in the disinfectant bottle.
- 2 Raise the bathtub to convenient working height.
- 3 Open the drain and make sure it is empty of water.
- 4 Detach and place the accessories (if applicable) such as head cushion, back support cushions and leg rest, at the bottom of the bathtub.
- 5 Shower and rinse the bath and accessories with water.
- 6 Lift out the spray handle from the *Multi Clean* disinfection system and hold it over the bathtub.
- 7 Turn the ON/OFF control on the *Multi Clean* to the ON position. Turn the function selection control to the disinfection setting (yellow).
- 8 Adjust water temperature so that disinfectant mixtures reaches approximately 20 °C (68 °F).
- 9 Apply the disinfectant by spraying all internal bath surfaces, and the accessories in the bottom of the tub. (See Fig. 2)
- 10 Scrub the surfaces with a soft bristle brush or cloth to remove any build up of biofilm which may have been deposited.

For Parker bath without Air Spa system continue from step 16. Additional steps 11 - 15 for Air Spa system only:

- 11 The *Parker* bath must be tilted backwards to disinfect through all nozzles.
- 12 Place the disinfection spray handle into the disinfectant/rinsing inlet and turn either way to secure it (some force may be needed). (See Fig. 3)

Continue with the steps on the next page.

NOTE

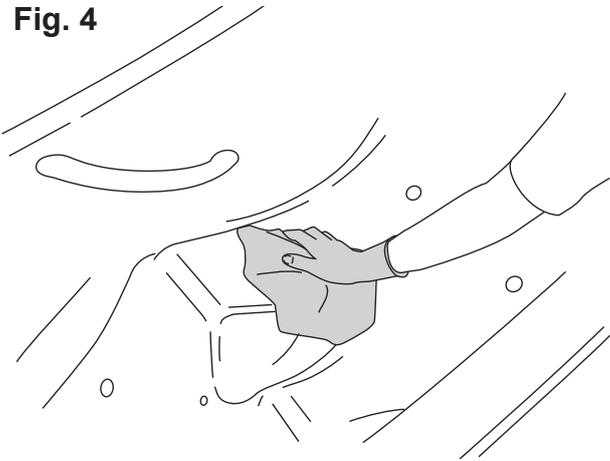
Disinfection should be distributed through all Air Spa system nozzles or proper disinfection can not be guaranteed. Contact an Arjo technician if problem occurs.

- 13 Press the trigger handle and hold it until the disinfectant flows from all Air Spa system nozzles.
- 14 Let it run for another 30 s.
- 15 Remove the disinfection spray handle from the disinfectant/rinsing inlet.
- 16 Turn the *Multi Clean* control to the OFF position.
- 17 Place the disinfection spray handle in its holder.
- 18 Allow an appropriate contact time of the disinfectant according to the instructions on the disinfectant bottle, during this time clean all surfaces. **(See Fig. 4)**
- 19 Wipe all other contact areas such as the outside of the bath (particularly behind the head area), metal sensory knobs, door seals and the hand control with a cloth soaked in disinfectant.
- 20 Turn the function selection control on the *Multi Clean* to the rinse setting (blue).

For Parker bath without Air Spa system continue from step 26. Additional steps 21-25 for Air Spa system only:

- 21 The *Parker* bath must be tilted backwards to rinse through all nozzles.
- 22 Place the water spray handle into the disinfectant/rinsing inlet and turn either way to secure it (some force may be needed).
- 23 Press the trigger handle and hold it until clean water flows from all nozzles.
- 24 Let it run for another 30 s.
- 25 Remove the shower handle from the disinfectant/rinsing inlet.
- 26 Rinse the bath and the accessories. **(See Fig. 5)**
- 27 Place the spray handle back into the holder on the *Multi Clean* and turn the unit off.

Continue with the steps on the next page.

Fig. 4**Fig. 5**

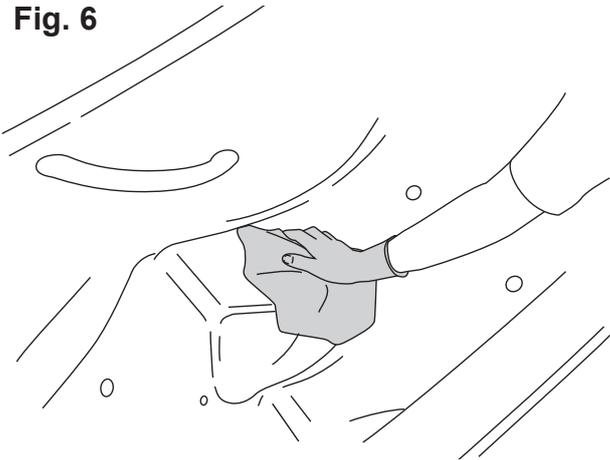
Additional steps 28-30 for Air Spa system only:

- 28 Press twice on the  Air Spa system button for the whole bath, to activate the highest Air Spa system intensity.
- 29 Keep it running for 30 s to remove residual water from within the Air Spa system jets.
- 30 Turn off Air Spa system by pressing the  Air Spa system - whole tub button again.

Follow additional steps 31-33 after the last bath of the day.

- 31 Wipe the inner wall of the bath vigorously with a cloth soaked in the disinfectant to remove any build up of biofilm that may have accumulated during the day. **(See Fig. 6)**
- 32 Rinse thoroughly with water until no residual disinfectant is visible.
- 33 Leave to air dry so that the bath is clean, disinfected and ready to be used the next morning.

Fig. 6



Care and Preventive Maintenance

The *Parker* bath is subject to wear and tear, and the following actions must be performed when specified to ensure that the product remains within its original manufacturing specification.

WARNING

To avoid malfunction resulting in injury, make sure to conduct regular inspections and follow the recommended maintenance schedule. In some cases due to heavy use of the product and exposure to aggressive environment more frequent inspections should be carried out. Local regulations and standards may be more stringent than the recommended maintenance schedule.

NOTE

Product cannot be maintained and serviced while in use with the patient.

PREVENTIVE MAINTENANCE SCHEDULE: Parker bath

CAREGIVER OBLIGATIONS Action/Check	Between Patients	Every WEEK	Every MONTH	Every YEAR
Clean and Disinfect	X			
Visually check all exposed parts		X		
Check pillows/leg rest		X		
Visually check hoses, pipes and connections		X		
Check hand control and cable		X		
Check door/seal		X		
Perform functionality test		X		
Check/clean shower heads			X	
Exercise the thermostat mixer			X	
Check/clean filters incoming water			X	
Yearly checks by qualified personnel only				X
Check electrical installation (to be performed by authorized electrician)	Intervals according to local requirements			

WARNING

To avoid injury to both the patient and the caregiver, never modify the equipment or use incompatible parts.

Caregiver Obligations

Caregiver obligations shall be carried out by personnel with sufficient *Parker* bath knowledge following the instructions in this *IFU*.

Between Patients

Clean and disinfect:

Before every use, make sure the *Parker* bath is cleaned and disinfected according to section *Cleaning and Disinfection Instructions on page 28*.

Every week

- **Visually check exposed parts:**

Visually check all exposed parts, especially where personal contact is made by either the patient or caregiver. Make sure no cracks or sharp edges have developed that could cause the patient or user injury or that has become unhygienic and can cause cross-contamination. Any use of chlorine or alcohol can damage the bathtub and cause cracks.

- **Check accessories:**

Check pillows/leg rest to make sure there are no cracks or tears that would allow water to get into the filling. If there is such damage, replace. (See Fig. 1)

- **Visually check hoses, pipes and connections:**

Visually inspect for leaks of any kind by looking under the tub. (See Fig. 2)

- **Check hand control and cable:**

Visually check the condition of the hand control and its cable. Replace as per below if cut or damaged. (See Fig. 3)

The hand control can be replaced without Arjo support. To replace the hand control: Pull the cord connector out from under the back shell located behind the back seat area of the *Parker* bath. Reach in and plug in the new cord connector of the new hand control.

Continue with the steps on the next page.

Fig. 1

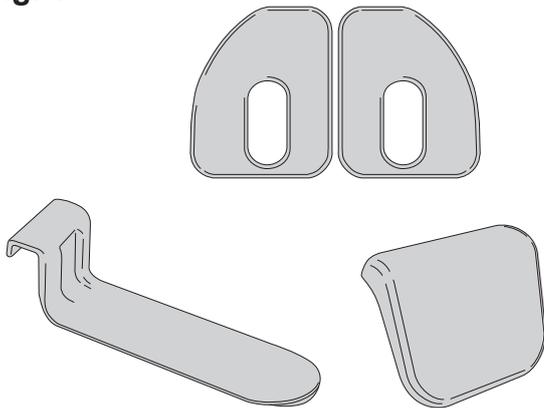


Fig. 2

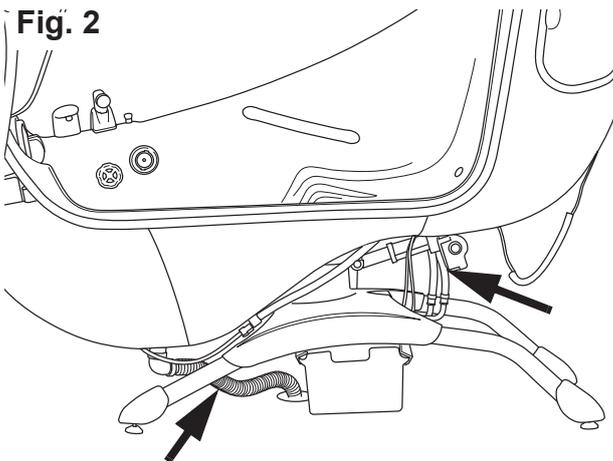


Fig. 3

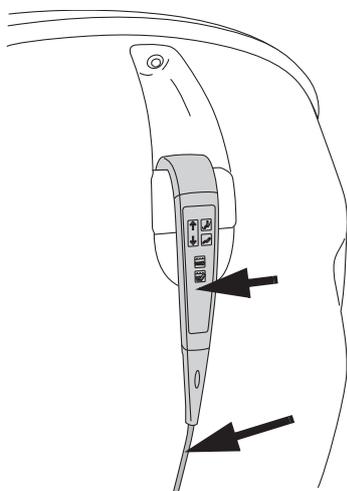
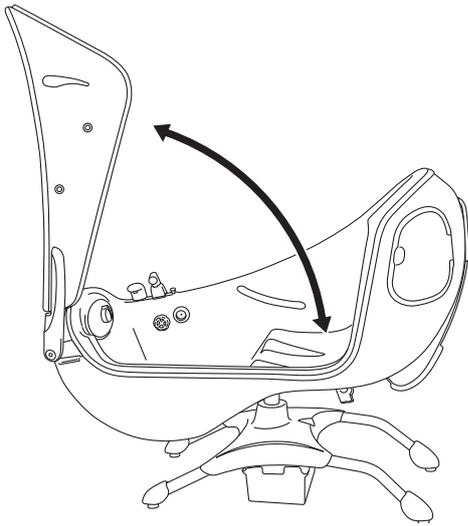
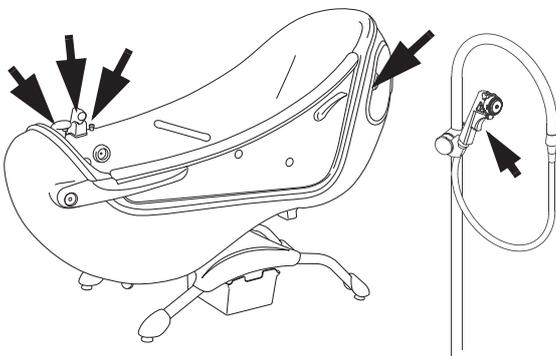


Fig. 4



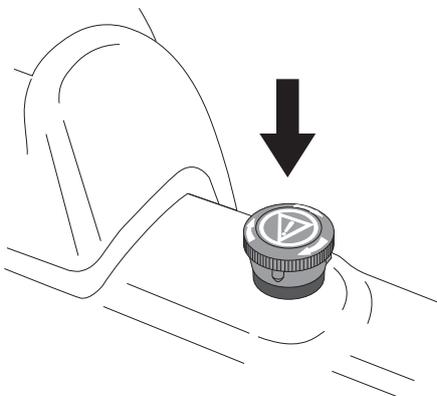
- **Check door/seal:**
 - 1 Open and close the door and check its supports for correct function i.e the door should not drop by itself during closing. Check the lock for proper function. **(See Fig. 4)**
 - 2 Examine the door seal for cuts, tears or distortion.

Fig. 5



- **Perform functionality test (See Fig. 5):**
 - 1 Test all functions. Water, Air Spa system and tub movement.
 - 2 With water on: check shower hose and shower handle for damage. Replace if damaged. The shower handle can be replaced without Arjo support.
 - 3 If the shower stand is damaged, contact an Arjo technician.

Fig. 6



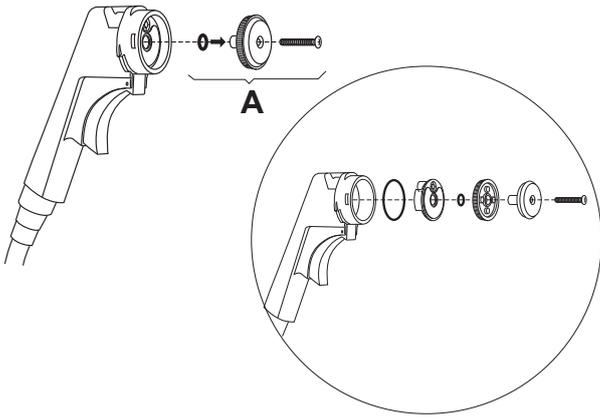
- **Check the emergency stop function:**

Check the emergency stop function by pushing down the button. **(See Fig. 6)**

No filling or showering is possible. Both temperature display background lights will turn off.

Continue with the steps on the next page.

Fig. 7



Every month

- **Remove and clean the shower head (See Fig. 7):**

- 1 Loosen the screw.
- 2 Remove the parts according to the illustration.
- 3 Clean carefully.
- 4 Re-assemble. The parts (A) must be assembled before they can be set into the handle.
- 5 Tighten the screw carefully.

- **Exercise the thermostat mixer:**

Turn the temperature control back and forth over the whole temperature range with water on. This is particularly important in areas with hard water. (See Fig. 8)

- **Check/clean filters for incoming water:**

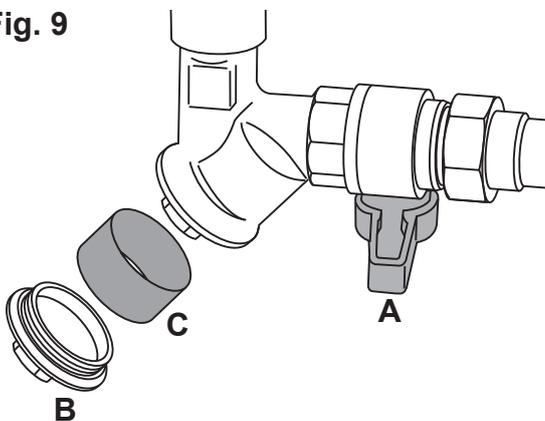
WARNING

Pressurised system and risk of scalding. Make sure that the valve (A) is closed before removing the cap, this is especially important for the hot water valve.

Fig. 8



Fig. 9



A rinsing valve with a filter is mounted on each of the two water supply hoses found under the bath. The filter in both valves should be rinsed in the order listed. (See Fig. 9)

- 1 Close the valves (A). The handles (red for hot water and blue for cold) should be in a cross position.
- 2 Remove the cap (B) with a wrench.
- 3 Pull out the filter (C) and clean it carefully in water.
- 4 Reassemble.
- 5 Open the valves.

Yearly Checks by Qualified Personnel Only

The *Parker* bath must be serviced once a year in accordance with the *Maintenance and Repair Manual*.

To make sure that you have a problem free and safe operation, it is recommended to have regular scheduled services with calibration of the thermostatic mixer and thermometer by a trained technician. Relocation of the bath, significant changes or modifications in local water supply may require re-calibration of the thermostatic mixing valve.

Contact your local Arjo service representative to sign for a service agreement.

WARNING

To avoid injury and/or unsafe product, the maintenance activities must be carried out at the correct frequency by qualified personnel using correct tools, parts and knowledge of procedures. Qualified personnel must have documented training in maintenance of this device.

NOTE

All Caregiver Obligations are to be checked when performing the Qualified Personnel Service. For details, see separate service instructions.

Troubleshooting

NOTE

Before starting the troubleshooting check: Power supply, Water supply and the LEDs on control panel. If the problem can not be solved with the problem solving actions below, please contact an Arjo authorized technician.

PROBLEM	ACTION
<p>Hand control does not work or control panel buttons do not work and the green power indicator LED is on (not the <i>Sound & Vision</i> system hand control).</p> <p>Hand control still not working (not the <i>Sound & Vision</i> system hand control).</p>	<ol style="list-style-type: none"> 1 Check that the emergency stop is not pressed down. If pressed down then release it by turning the button clockwise. 2 Make sure the Lock function is not active with LED flashing. If lock function is active press the lock button for 2 s to deactivate it. 3 If the control panel works check the attachment of the hand control. If attachment is intact, replace the hand control. 4 If attachment of the hand control is intact then check the Air Spa system function on the control panel. If the Air Spa system buttons on the control panel work, the hand control needs to be replaced.
<p>Everything but fill and Air Spa system works, the green power indicator LED is off.</p> <p>The temperature displays have no backlight.</p>	<ol style="list-style-type: none"> 1 The power to the bathtub is off with the battery LED indicator turned on. If it is running on battery, finish the bathing and get the patient out safely. 2 Contact an electrician to make sure the power supply is working correctly before next bathing session.
<p>Nothing works, the power indicator LED is off and temperature display is off.</p>	<ol style="list-style-type: none"> 1 The power is off and there is a flashing or no battery LED indicator. 2 The battery needs to be replaced and the bathtub will not function until the power is on. Contact qualified personnel for a battery replacement.
<p>Fill or shower function stops with a beeping sound.</p>	<ol style="list-style-type: none"> 1 The back light on the temperature display is flashing. 2 Water is too hot and scalding protection has been activated. There is a wrong temperature setting or water supply fault.
<p>Air Spa system stops during operation. (Option)</p>	<ol style="list-style-type: none"> 1 Normal, if used more than 15 minutes. 2 If used less than 15 minutes it may be overheated due to high ambient temperature or clogged filter. Can be restarted when cooled off. 3 Power failure.

PROBLEM	ACTION
Only the water flow to the shower is slow.	Check and clean the shower head according to section <i>Care and Preventive Maintenance on page 42.</i>
Water flow from shower and filling spout is slow.	<ol style="list-style-type: none"> 1 In order to feel if any hot water is coming in, feel the incoming hot water line to see if hot. 2 Check and clean filter for incoming water according to section <i>Care and Preventive Maintenance on page 42.</i>
Disinfection does not work. (Option, not for UK)	<ol style="list-style-type: none"> 1 Make sure the bathtub is empty of any left over water. If there is water in the bathtub the disinfection LED on the control panel will flash and beep. 2 Make sure disinfection button is pressed in for at least 5 s. 3 If the disinfection LED on the control panel is flashing and beeping, it can also indicate that the level of disinfectant bottle is running low and needs to be replaced. See section <i>Cleaning and Disinfection Instructions on page 28.</i> 4 Make sure shower, fill or Air Spa system is not activated and try again. 5 If power is off and the bathtub is running on battery, the disinfection will not work.
Auto fill function will not stop filling after footwell level.	Metal sensory plugs need cleaning because of collected build up. See section <i>Cleaning and Disinfection Instructions on page 28.</i>
<i>Sound & Vision</i> system hand control is not working. (Option)	<ol style="list-style-type: none"> 1 The LED on the remote control should flash when active. 2 If it is not flashing, replace the <i>Sound & Vision</i> system hand control.
<i>Sound & Vision</i> system sound is not working, but bathtub light is working. (Option)	<ol style="list-style-type: none"> 1 The USB memory stick may be defective. If possible, check the USB LED light for indication. Solid light = power ON, Flashing light = reading. 2 Test another USB memory stick.
No <i>Sound & Vision</i> system light but sound is working. (Option)	Light is broken and it needs to be replaced by qualified personnel.

Technical Specifications

A full technical description of the *Parker* can be found in the service documentation, please contact Arjo for a copy. Contact information appears on the last page of this IFU.

TECHNICAL DATA

General	
Tub length in the upright position	1855 mm / 73 inches
Tub length in reclined position	1960 mm / 77 1/8 inches
Tub width	750 mm / 29 1/2 inches
Height of door with bathtub in highest position, feet in lowest position	2510 mm / 98 7/8 inches
Maximum patient weight	210 kg / 463 lbs
SWL (Safe Working Load) (patient + water)	300 kg / 661 lbs
Transfer height at lowest position	565 mm / 22 1/4 inches
Transfer height at highest position	685 mm / 27 inches
Maximum duty cycle Lift/Hi-Lo	1 minute ON, 9 minutes OFF
Maximum duty cycle Air Spa system	15 minutes ON, 15 minutes OFF
Operating forces of controls (Control Panel)	4 N
Operating forces of controls (Hand Control)	3 N
Operating forces of controls (<i>Sound & Vision</i> System Hand Control)	3 N
Medical Equipment	Type B 
Pollution degree	2
Degree of fire protection	In accordance with standard EN/ISO 60601-1

Water	
Water consumption (prefilled foot well volume)	96 l / 25.4 US gallons
Filling time at 3.0 bar (43.5 PSI) dynamic pressure (prefill)	100 s
Water content up to overflow level	230 l / 60.8 US gallons
Water content up to auto fill level	96 l / 25.4 US gallons
Emptying time from auto fill level (96 l)	3 minutes

Thermometer	
Range	10-50 °C (50-122 °F)
Accuracy	+/-1 °C (1.8 °F)
Resolution	0.1 °C (0.18 °F)

Motion	
Raising time with full load (approximately)	16 +/- 5 s
Lowering time with full load (approximately)	12 +/- 5 s

Sound Levels	
Sound level at raising / lowering, no load	61 dBA
Sound level at raising / lowering, maximum load	60 dBA
Sound level of Air Spa system, high intensity	83 dBA
Sound level tilt, no load	60 dBA

Battery	
Battery Type	Lead, 24 V
Battery Type Number	59776

IP Classification	
IP Class	IP X4
IP Class hand control and <i>Sound & Vision</i> System Hand control	IP X7

Weight	
<i>Parker</i> bath depending on selected options (excluding packaging)	124 - 131 kg 273 - 289 lbs

End of Life Disposal	
Bathtub	<ul style="list-style-type: none"> • Equipment that has electrical and electronic components should be disassembled and recycled per Waste of Electrical and Electronic Equipment (WEEE) or in accordance with local or national regulation. • Disinfection liquids – if you have extra liquid, it's safe to pour it down the drain with running water. These products are water soluble and usually mixed with water when used for cleaning, your municipality will treat these cleaners the same way they would if you used them for cleaning. • The packaging containers should be recycled according to the national or local regulations.

Allowed Combinations

Parker bath integrates with the following Arjo products:

Stedy, Sara Lite, Sara 3000, Sara Plus, Maxi Sky 600 (with 2-point spreader bar), Mesh sling with head support (MLA4060 XS-L, XL) and, Mesh sling without head support (MLA4531 S-L, XL)

No other combinations are allowed

SITE PREPARATION

NOTE

All drainage, water and electrical installation work should be carried out by qualified personnel, in accordance with local and national regulations.

Floor

Maximum floor load 450 kg / 0.8 m²

Maximum floor pressure 0.6 N/mm²

Operating Conditions

Ambient temperature 10 °C - 40 °C
(50 °F - 104 °F)

Relative humidity 30% - 95% Rh

Atmospheric pressure 800 hPa to 1060 hPa

Transport and Storage

Ambient temperature -20 °C to 70 °C
(-4 °F to 158 °F)

Relative humidity 10% - 80% at 20 °C (68 °F)

Atmospheric pressure 500 hPa - 1100 hPa

Electrical Data: EU and North America

Voltage	230 V (EU) 120 V (North America)
Frequency	50 Hz (EU) 60 Hz (North America)
Power consumption (maximum)	900 VA
Number of phases	Single phase AC
Fuses	230 V 10 A 120 V 13 A
Protective earth	Yes
Potential equalisation	Yes
Power supply cord replaced by qualified personnel	

Mains disconnection device

Permanently installed in wall, visible and accessible at all times	
Mains transient voltage	4 kV*
Creepage distance	3 mm*
Air clearance	1.8 mm*
Direction of movement	Up and down, right and left, clockwise and counterclockwise
* If local regulations are higher, they must be met.	

WARNING

To avoid electric shock, make sure that the equipment is connected to:

- Continuously powered supply mains with protective earth.
- Separate fuse and ground fault circuit interrupter (GFCI)
- A mains disconnection device
- Equipotential bonding point

All installations must be in accordance with local codes and regulations.

WATER SUPPLY

Drain requirement	
Flow capacity	100 l/minute 26.4 US gallons/minute
Position (floor, Wall)	either

Water (Hot and Cold)	
Connection	3/4" B.S.P female
Upper limit static pressure	6 bar / 87 PSI
Recommended dynamic pressure, at 8 °C (46 °F) and at 80 °C (176 °F) flow of 58 l/minute (15.3 US gallons/minute)	3 bar / 43 PSI
Lower limit dynamic pressure at 8 °C and at 80 °C and 26 l/minute flow (UK)	0.8 bar / 12 PSI
Lower limit dynamic pressure at 8 °C (46 °F) and 80 °C (176 °F) degrees and 29 l/minute (7.7 US gallons/minute) flow.(North America without disinfection)	1 bar / 15 PSI
Lower limit dynamic pressure at 8 °C (46 °F) and 80 °C (176 °F) degrees and 45 l/minute (11.9 US gallons/minute) flow. (All other markets) (North America with disinfection)	2 bar / 29 PSI
Maximum pressure difference between hot and cold water	+/- 0.5 bar / +/- 7 PSI
Cold water lower limit temperature	2 °C (36 °F)
Cold water upper limit temperature	20 °C (68 °F)
Hot water lower limit temperature	60 °C (140 °F)
Hot water upper limit temperature	80 °C (176 °F)

Microbiological Demands	
Fulfil WHO:s demands on drinking water and the Drinking Water Directive (DWD) in EU	

Labels

Label explanation

Applied Part	Type B, Applied part: protection against electrical shock in accordance with IEC 60601-1.
Attention Label	Important user information for correct use.
Approval Label	States approvals for the current product.
Calibration Label	States that a calibration has to be done before first use and after every installation. See <i>Assembly and Installations Instructions</i> and call an Arjo technician.
Caution Label	States a potential hazard for the product.
Data Label	States technical performance and requirements, e.g. Input Power, Input Voltage and maximum Patient Weight etc.
Identification Label	States the product identification, serial number and year and month of manufacturing.
Product Feature Label	States the product feature name and recycling requirements.

Symbol explanation

	Lifting Stroke
	Label for equipotential connection point (bonding lug)
Max Patient Weight	Maximum weight of the patient
Max Load	Maximum weight of patient and water
Input Voltage	Voltage feed
Input Power	Power
Fuse F1 Fuse F2 Fuse F3	Identity of fuses
Class 1	Type of protection - grounded

IP X4	Degree of Protection (i.e. the product is protected against splashing water)
Air Spa system Duty Cycle	Time span of having Air Spa system turned ON and OFF.
Lift Duty Cycle	Time span of lifting the <i>Parker</i> bath and rest time.
	Read the <i>IFU</i> before use
	Indicates the product is a Medical Device according to EU Medical Device Regulation 2017/745
	Separate electrical and electronic components for recycling in accordance with the European Directive 2012/19/EU (WEEE)
	Water Supply (Water Fittings) Regulations 1999 (the Water Byelaws 2000 in Scotland)
	CE marking indicating conformity with European Community harmonised legislation Figures indicate Notified Body supervision.
	Classified by Underwriters Laboratories Inc. with respect to electrical shock, fire, mechanical, hazards and other specified hazards only in accordance with the Approvals and List of Standards.
	Recyclable
	Name and address of the manufacturer
	Manufacturing date



Attention Label

*Sound & Vision System
Data Label US*

Data Label EU

Data Label US

Caution Label

*Calibration Label
(located on the control
panel before first use)*

Approval Label

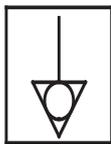


Product Feature Label

Identification Label



Applied Part



*Equipotential
Bonding Lug Label*

List of Standards and Certificates

STANDARDS/ CERTIFICATES	DESCRIPTION
EN/IEC 60601-1:2005 AMD1:2012	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance.
ANSI/AAMI ES60601-1 (2005) AMD 1 (2012)	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance.
CAN/CSA-C22.2 No. 60601.1-1:14	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance.
ANSI Z124. 1	Standards for Plastic Bathtub Units
ANSI/ASME A112.19.7	Whirlpool Bathtub Appliances
ASSE 1001 CSA B64.1.1	Pipe Applied Atmospheric Type Vacuum Breaker
ANSI/ASSE 1014	Handheld Shower
ANSI/ASSE 1016	Individual Thermostatic, Pressure Balancing and Combination Pressure Balancing and Thermostatic Control Valves for Individual Fixtures.
EN 1717	Protection against pollution of portable water in water installation and general requirements of devices to prevent pollution by backflow.
WRAS	<p>Water Supply (Water Fittings) Regulations 1999 (the Water Byelaws 2000 in Scotland)</p> <p>WRAS approved to the UK Water Supply Byelaws.</p> <p>WRAS approval to: National Health Service Model Engineering Specification D 08-TMV3. Thermostatic Mixing Valves (Healthcare Premises).</p> <p>Designation Code: HP/LP-S41/T44.</p>

Electromagnetic Compatibility

Product has been tested for compliance with current regulatory standards regarding its capacity to block EMI (electromagnetic interference) from external sources.

Some procedures can help reduce electromagnetic interferences:

- Use only Arjo cables and spare parts to avoid increased emissions or decreased immunity which can compromise the correct functioning of the equipment.
- Ensure that other devices in patient-monitoring and/or life-support areas comply to accepted emissions standards.

WARNING

Wireless communications equipment such as wireless computer network devices, mobile phones, cordless telephones and their base stations, walkie-talkies, etc. can affect this equipment and should be kept at least 1.5 m away from the equipment.

Intended Environment: Professional Healthcare Facility Environment

Exceptions: HF Surgical Equipment and the RF Shielded room of an ME SYSTEM for magnetic resonance imaging

WARNING

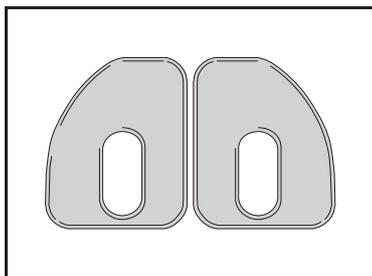
Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Guidance and manufacturer's declaration – electromagnetic emission		
Emission test	Compliance	Guidance
RF emissions CISPR 11	Group 1	This equipment uses RF energy only for its internal functions. Therefore its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	
Harmonic emissions IEC 61000-3-2	Class B	
Voltage fluctuations/flicker emissions IEC 61000-3-3	Complies	This equipment is suitable for use in all establishments, including domestic establishments and those directly connected to the public low voltage power supply network that supplies buildings used for domestic purposes.

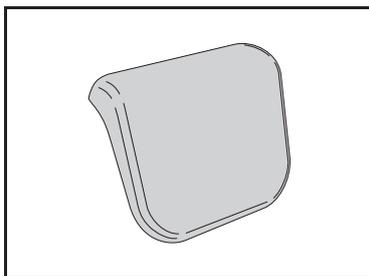
Guidance and manufacturer's declaration - electromagnetic immunity			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment - guidance
Electrostatic discharge (ESD) EN 61000-4-2	±2kV, ±4kV, ±8kV, ±15kV air ±8kV contact	±2kV, ±4kV, ±8kV, ±15kV air ±8kV contact	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material the relative humidity level should be at least 30%
Conducted disturbances induced by RF fields EN 61000-4-6	3V in 0,15 MHz to 80 MHz 6V in ISM and amateur radio bands between 0,15 MHz and 80 MHz 80% AM at 1 kHz	3V in 0,15 MHz to 80 MHz 6V in ISM and amateur radio bands between 0,15 MHz and 80 MHz 80% AM at 1 kHz	Portable and mobile RF communications equipment should be used no closer to any part of the product, including cables, than 1.0m, if the transmitter's output power rating exceeds 1W ^a Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range ^b .
Radiated RF electromagnetic field EN 61000-4-3	Professional Healthcare environment 3 V/m 80 MHz to 2,7 GHz 80% AM at 1 kHz	Professional Healthcare environment 3 V/m 80 MHz to 2,7 GHz 80% AM at 1 kHz	
Proximity fields from RF wireless communications equipment EN 61000-4-3	385 MHz - 27 V/m 450 MHz - 28 V/m 710, 745, 780 MHz - 9V/m 810, 870, 930 MHz - 28 V/m 1720, 1845, 1970, 2450 MHz - 28 V/m 5240,5500, 5785 MHz - 9V/m	385 MHz - 27 V/m 450 MHz - 28 V/m 710, 745, 780 MHz - 9V/m 810, 870, 930 MHz - 28 V/m 1720, 1845, 1970, 2450 MHz - 28 V/m 5240,5500, 5785 MHz - 9V/m	
Electrical fast transient/burst EN 61000-4-4	±1kV SIP/SOP ports ±2kV AC port 100kHz repetition frequency	±1kV SIP/SOP ports ±2kV AC port 100kHz repetition frequency	Mains power supply should be that of a typical commercial or hospital environment.
Power frequency Magnetic field EN 61000-4-8	30A/m 50 Hz or 60 Hz	30A/m 50 Hz	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

Guidance and manufacturer's declaration - electromagnetic immunity			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment - guidance
Surge IEC 61000-4-5	±0,5kV ±1kV; ±2 kV, AC Mains, Line to Ground ±0,5kV ±1kV, AC Mains, Line to Line	±0,5kV ±1kV; ±2 kV, AC Mains, Line to Ground ±0,5kV ±1kV, AC Mains, Line to Line	
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0% UT; 0,5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° 0% UT; 1 cycle and 70% UT; 25/30 cycles Single phase: at 0° 0% UT; 250/300 cycle	0% UT; 0,5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° 0% UT; 1 cycle and 70% UT; 25/30 cycles Single phase: at 0° 0% UT; 250/300 cycle	
NOTE: U_T is the AC mains voltage prior to application of the test level.			
<p>^a Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the product is used exceeds the applicable RF compliance level above, the product should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary.</p> <p>^b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 1 V/m.</p>			

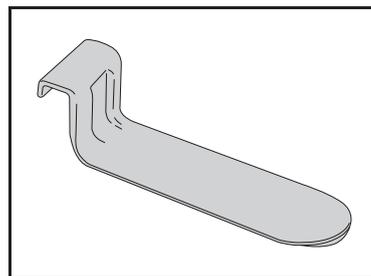
Parts and Accessories



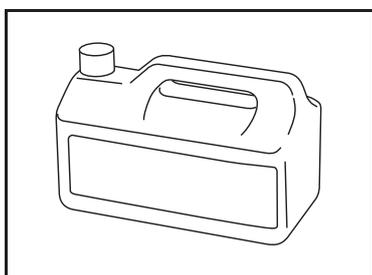
400.00.00.02- Grey
400.00.00.15 - Blue
Back Support Cushion



400.00.00.09 - Grey
400.00.00.16 - Blue
Head Cushion



8257376-033
Leg Rest



For disinfectant contact
local Arjo representative

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Address page - REV 25: 01/2020

At Arjo, we are committed to improving the everyday lives of people affected by reduced mobility and age-related health challenges. With products and solutions that ensure ergonomic patient handling, personal hygiene, disinfection, diagnostics, and the effective prevention of pressure ulcers and venous thromboembolism, we help professionals across care environments to continually raise the standard of safe and dignified care. Everything we do, we do with people in mind.



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