

TR 3200

Shower trolley

Hygiene Equipment
Designed for People

Service manual



Registered at Medical Products Agency, Sweden, as a MD Class 1 product, MDD 93/42EEC.

TR reserves the right to make design changes and/or improvements without notice.



Always study this manual carefully before operating the Shower Trolley.

Operating instructions and recommended maintenance procedures are explained in the following pages.

If you have any questions regarding the operation or maintenance of your Shower Trolley and cannot find the answer in this manual, please contact us.

Only qualified staff who are trained and certified and who can understand all operating and safety procedures may operate and service this equipment.

The Trolley is designed for years of trouble free operation, with proper use and maintenance.

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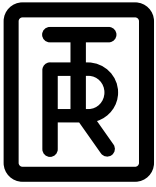
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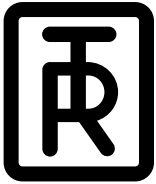
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Spare parts list - TR 3200



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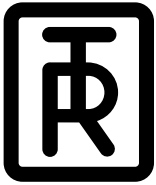
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Spare parts TR 3200 / TR 3200-L, onboard batteries



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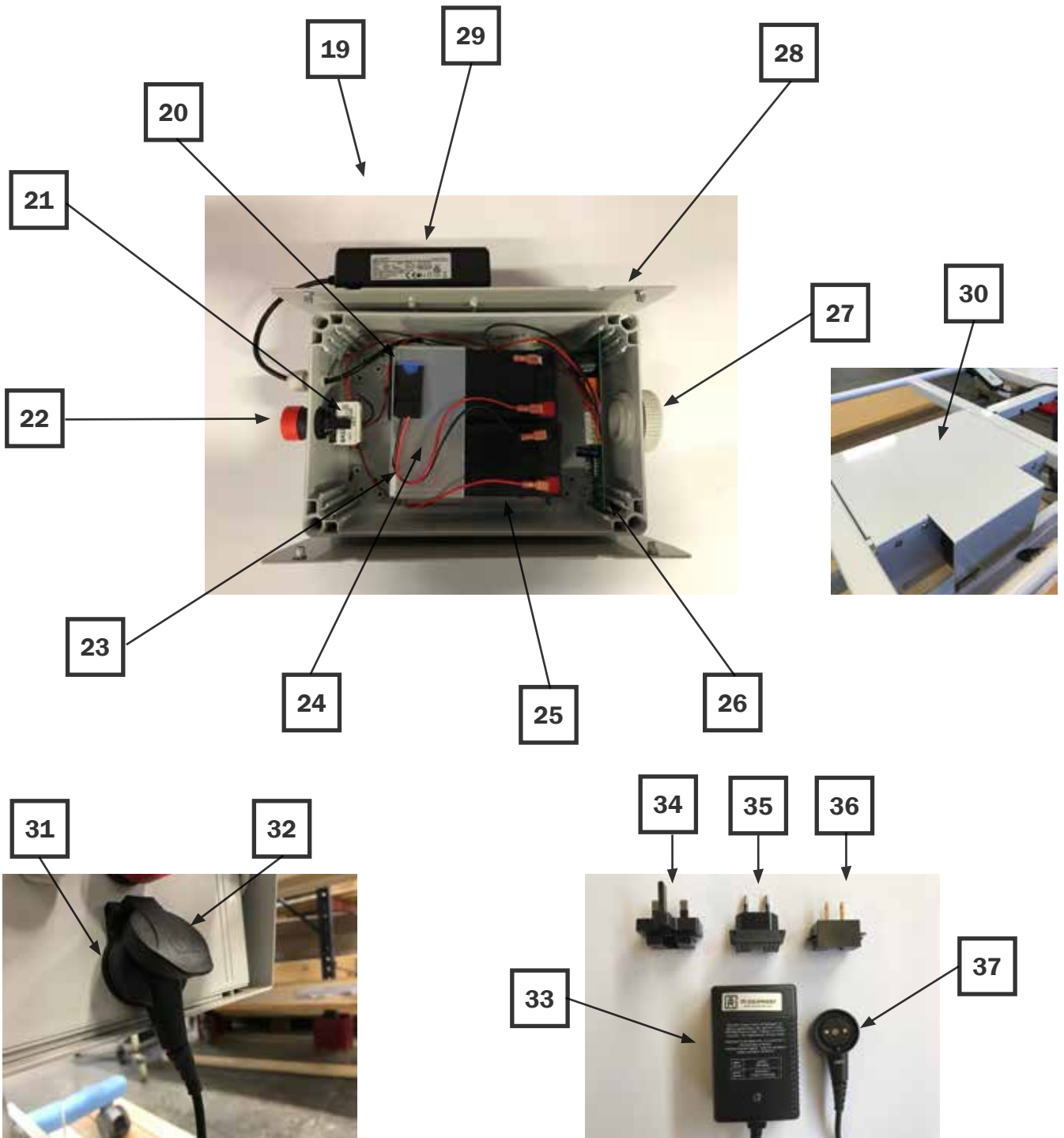


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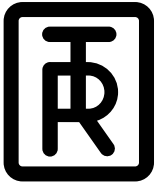
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Spare parts TR 3200 / TR 3200-L, onboard batteries



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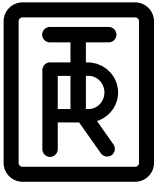
Spare parts TR 3200 / TR 3200-L, onboard batteries

When ordering spare parts please specify model and serial number, see label on the shower trolley.

Position	Art No	Description
1	7333480-04	Mattress Blue 1950x640mm
1	7333500	Mattress Blue model -L 2150x740mm
2	7419488-04	Pillow Blue (standard)
2	7418363-02	Wedge pillow 15° Blue (option)
3	829392	Drainage
4	829391	Drainplug
5	820818-4224	Drainage hose 1m
5	820818-4224-25	Drainage hose 2,5m (option)
6	851020	Plastic holder for drainage hose
7	3233208	Stretcher (exkl. side rails)
7	3233479	Stretcher model -L (exkl. side rails)
8	850721	End plug
9	3133190-08	Side rail L=1918mm
9	3133190-07	Side rail model -L L=2118mm
10	7333217	PVC plate 1935mm
10	7333474	PVC plate 1 for model -L 1262*780mm
10	7333474-02	PVC plate 2 for model -L 872*780mm
11	851895-02	Lifting column
12	3233204	Chassi
13	851899	Hand control
14	851760	Castor with brake, with Grey lever
15	851761	Castor with straight steering, with Black lever
16	850284	End Plug
17	3433357-02	Castor plate for castor with brake
18	3433357	Castor plate for castor with Straight steering
19	200115	Plastic enclosure incl. internal parts (exkl. control box & metal plate)
20	0530006	Fuse 15A
21	819312	Contact block
22	819310	Emergency stop
23	7429679	Cabling incl. fuse holder
24	3330022	Battery mounting plate
25	819030	12V Battery, 2pcs required
26	819354	Circuit board
27	819171	Ventilation plug



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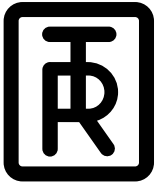
Spare parts TR 3200 / TR 3200-L, onboard batteries

When ordering spare parts please specify model and serial number, see label on the shower trolley.

Position	Art No	Description
28	3430021	Mounting plate
29	851897-02	Control box 851897-02
30	3333563	Metal Lid
31	819148	Charger inlet connection
32	819150	Charger inlet cover
33	0541226	Battery charger 110-240V (Incl. pos 37, charger connector)
34	819140	EU Plug for battery charger
35	819142	UK Plug for battery charger
36	819141	US Plug for battery charger
37	819149	Charger connector



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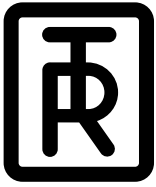
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Spare parts TR 3200-R / TR 3200-LR, removable batteries



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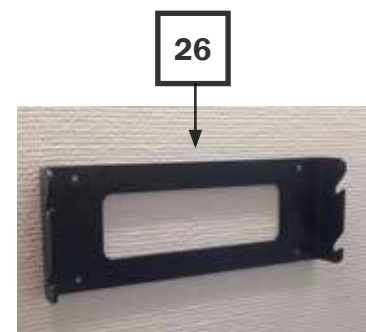
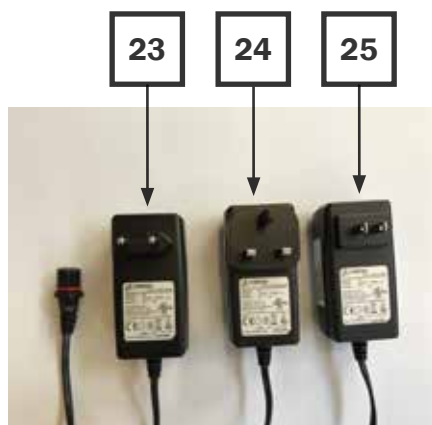
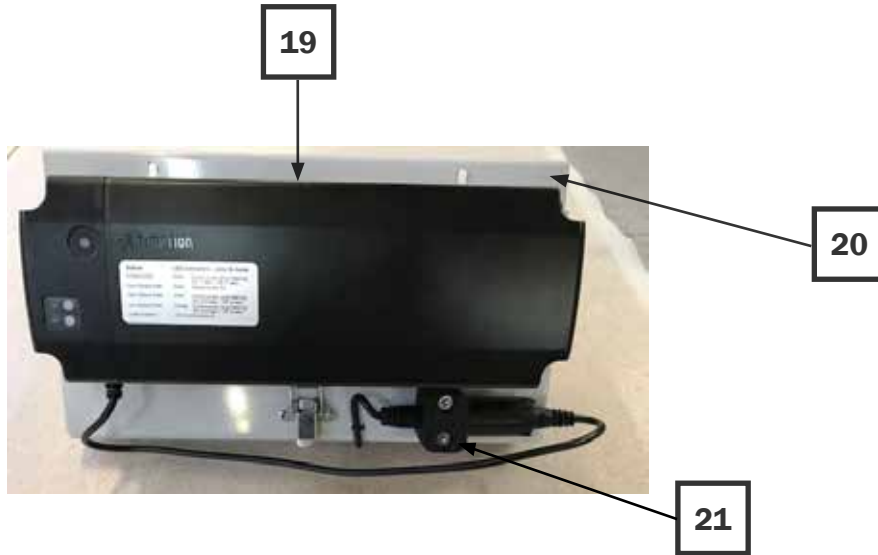


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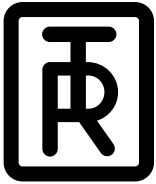
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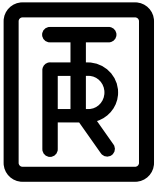
Spare parts TR 3200-R / TR 3200-LR, removable batteries

When ordering spare parts please specify model and serial number, see label on the shower trolley.

Position	Art No	Description
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1	7333500	Mattress Blue model -L 2150x740mm
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7	3233479	Stretcher model -L (exkl. side rails)
8	850721	End plug stretcher
9	3133190-08	Side rail 1918mm
9	3133190-07	Side rail model -L 2118mm
10	7333217	PVC plate 1935x680mm
10	7333474	PVC plate 1 for model -L 1262*780mm
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11	851895-02	Lifting column
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13	851899	Hand control
14	851760	Castor with brake, with Grey lever
15	851761	Castor with straight steering, with Black lever
16	850284	Chassi End Plug
17	3433357-02	Castor plate for castor with brake
18	3433357	Castor plate for castor with Straight steering
19	200110	12V Removable battery incl. bracket
20	3333256	Mounting plate
21	850244	Bearing bracket (2pcs required)
22	851897-02	Control box
23	0521197	EU Battery charger 110-240V
24	0521199	UK Battery charger 110-240V
25	0521198	US - Japan Battery charger 110-240V
26	3232622	External wall bracket



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Service instructions Main parts

How to replace the castors with brake

Important:

Before replacing castor/castors on the shower trolley, remove mattress and plastic plate. Carefully, lay the shower trolley down and make sure that chassis, stretcher and siderails are well protected from possible damages.



1. Remove the protective cap by turning it counter clockwise with a screwdriver.



2. Unscrew the bolt and remove the castor.



3. If necessary, carefully clean the threads from Loctite with an M10 tap.



4. Insert the bolt and washer through the castor body.



5. Place the castor plate between castor and chassis. Note the position of the angle on the plate.



6. Fasten the bolt.



7. Assemble the cap by pressing it and turn it clockwise with a screwdriver.

Note:

When replacing castors we recommend to also replace the bolt and washer. If the bolt is re-used, Loctite must be applied to the bolt.



Bolt M10, Part.no:

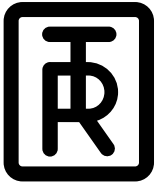
831051-0070D

Washer M10, Part.no:

842011-0105



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Service instructions Main parts

How to replace the castors with straight steering

Important:
Before replacing castor/castors on the shower trolley, remove mattress and plastic plate. Carefully, lay the shower trolley down and make sure that chassis, stretcher and siderails are well protected from possible damages.



1. Remove the protective cap by turning it counter clock-wise with a screwdriver.



2. Unscrew the bolt and remove the castor.



3. If necessary, carefully clean the threads from Loctite with an M10 tap.



4. Place the straight steering plate onto the chassis. Note the position of the angle on the plate and the pins.



5. Adjust the straight steering by pressing the black lever until it clicks into position.



6. Rotate the disc on the castor body until it clicks into position.



7. Insert the bolt and washer through the castor body.



8. The black lever on the straight steering castors shall point inwards (both left and right castor) when the castor is fastened. This will be the position when the straight steering mechanism engages in use.



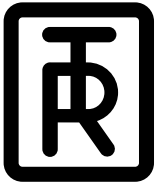
9. Fasten the bolt.



10. Assemble the cap by pressing it and turn it clockwise with a screwdriver.



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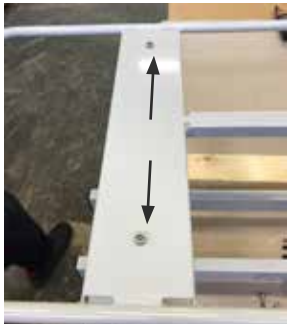
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Service instructions Main parts

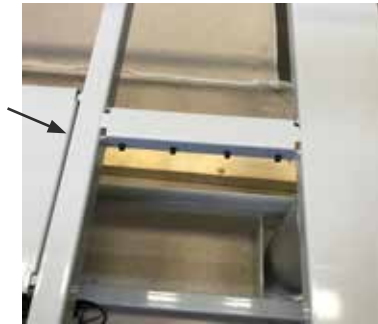
How to replace the castors with brake

Important:

Before replacing lifting columns/columns, position and lock castor brakes and straight steering castors. Remove mattress and plastic plate.



1. Loosen the stretcher by unscrewing the four M10x12D bolts.



2. Cut the plastic stripes and loosen the cables connected to the actuator.



3. Disconnect the actuator cable/cables and remove the stretcher.



4. Remove the four M8x30 bolts attached to the lifting column and remove the bracket with the dampers.



5. Turn the chassis around and remove the four M8x30D bolts that are attached to the column from underneath.



6. Place the lifting column upside down. Note the position of the cables

Note:

When replacing lifting columns we recommend to also replace the bolts. If the bolts are re-used, Loctite must be applied to the bolts.



Bolt M10x12D (stretcher)

Part.no:
833121-0012D

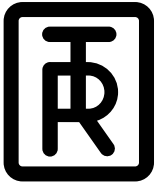


Bolt M8x30D (actuators)

Part.no:
834680-8030D



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Service instructions Main parts

How to replace the lifting columns

Important:

Before replacing lifting columns/columns, position and lock castor brakes and straight steering castors. Remove mattress and plastic plate.



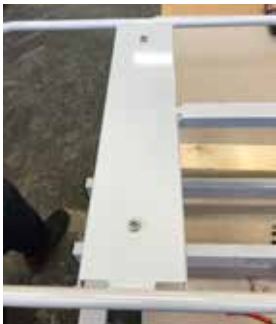
7. Fasten the actuators from underneath with four bolts.



8. Turn the chassis around and fasten the columns with four M8x30 bolts on top.



9. Put the stretcher back onto the chassis.



10. Fasten the stretcher with the four M10x12D bolts.



11. Connect the actuator cable with the cable from the control box.



12. Fasten the cables with plastic stripes again and put plastic plate and mattress back on the stretcher.

When a lifting column has been replaced an initialization/calibration must be done. See table of contents for instructions.

Note:

When replacing lifting columns we recommend to also replace the bolts. If the bolts are re-used, Loctite must be applied to the bolts.



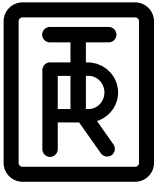
Bolt M10x12D (stretcher)
Part.no:
833121-0012D



Bolt M8x30DL (actuators)
Part.no:
834680-8030D



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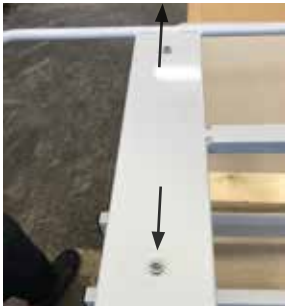
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Service instructions Main parts

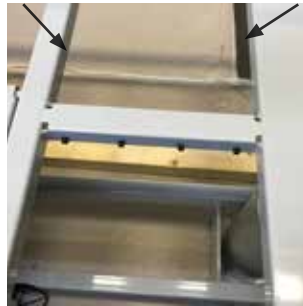
How to replace the stretcher

Important:

Before replacing stretcher, position and lock castor brakes and straight steering castors. Remove mattress and plastic plate.



1. Unscrew the four M10x12 bolts holding the stretcher.



2. Cut off the plastic stripes to loosen the cables connected to the actuator.



3. Disconnect the actuator cables.



4. Unscrew the lid for the battery box.



5. Unscrew the plate holding the battery box.



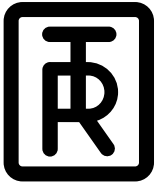
6. Put the new stretcher onto the shower trolley.



7. Fasten the stretcher with the four M10x12 bolts.



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Service instructions Main parts

How to replace the stretcher

Important:

Before replacing stretcher, position and lock castor brakes and straight steering castors. Remove mattress and plastic plate.



8. Fasten the plate and battery box with the four M5x12D screws.



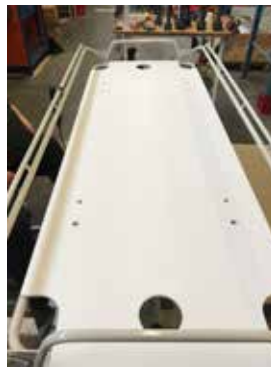
9. Connect the actuator cables.



10. Fasten the cables with plastic stripes again and the put plastic plate and mattress back on the stretcher.



11. Fasten the lid to the battery box With four M5x12D screws.



12. Put the plastic plate and mattress back onto the shower trolley.

When a lifting column has been disconnected, an initialization/calibration must be done. See table of contents for instructions.

Note:

When replacing the stretcher we recommend to also replace bolt and screws.

If the bolts and screws are re-used, Loctite must be ap-

plied to the bolts.



Bolt M10x12D (stretcher)

Part.no:
833121-0012D

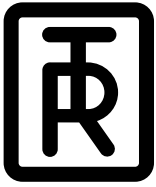


Screw M5x12D (Plate & Lid)

Part.no:
834680-5012D



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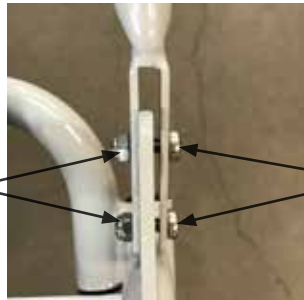
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Service instructions Main parts

How to replace the side rails

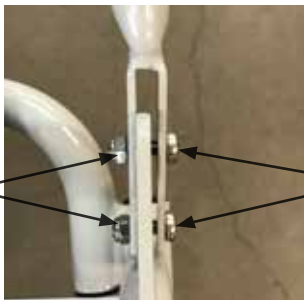
Important:

Before replacing side rails, position and lock castor brakes and straight steering castors. Remove the mattress.



1. Unscrew the screws holding the side rails..

2. Put the side rail ends over the support plate on the stretcher.



3. Insert screw and nut according to the picture.

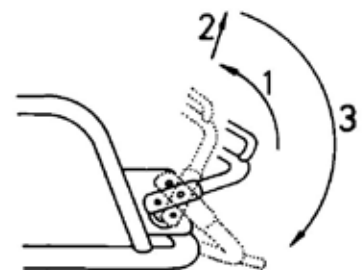


4.

5.

6.

Tighten the M6x20 screw and M6 locking nut 50% only. It must be possible to raise and lower the side rails.



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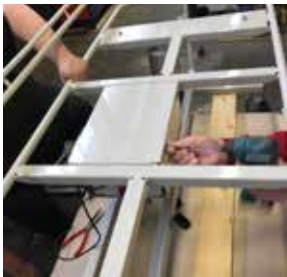
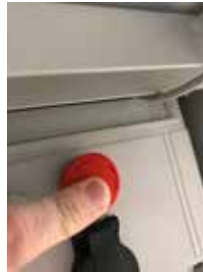
Service instructions Onboard batteries

How to replace the control box

Important:

Before replacing the control box:

- Position and lock castor brakes and straight steering castors.
- Remove mattress and plastic plate.
- Press the emergency stop to cut the power.
The emergency stop shall be activated until the new control box is installed.



1. Unscrew the four M5x12D screws to remove the metal lid on the stretcher.



2. Unscrew and remove the plastic lid on the battery box.



3. Pull up the circuit board, loosen and remove leads 5 & 6.



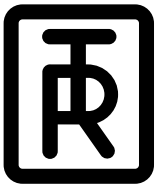
4. Pull out the connector cover with your finger.



5. Disconnect the lifting column- and hand control cables and cut the cable ties.



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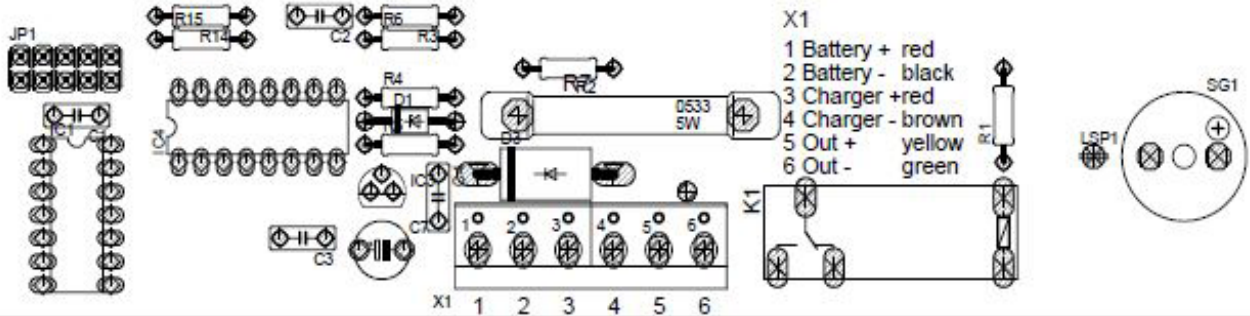
Service instructions Onboard batteries

How to replace the control box



6. Press the lever behind the control box and push the control box to the right.

7. Pull out the cable from the enclosure.



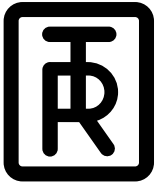
8. Connect the control box according to the wiring diagram.



9. When the control box is connected to the circuit board, release the emergency stop by turning it clockwise. A “click” shall be heard from the control box.



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Service instructions Onboard batteries

How to replace the batteries

Important:

Before replacing the onboard batteries:

- Position and lock castor brakes and straight steering castors.
- Remove mattress and plastic plate.

- Press the Emergency stop button to cut the power to the circuit board.
The button must be pressed until the batteries are replaced and plugged in.



1. Unscrew the four M5x12D screws to remove the metal lid on the stretcher.



2. Unscrew the plastic lid on the battery box.



3. Disconnect + and - leads from the circuit board to the battery and also + and - leads from the fuse holder.



4. Unscrew the bracket holding the batteries. Remove the bracket and batteries.



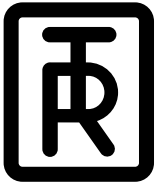
5. Insert the new batteries in the plastic enclosure.



6. Place the bracket on the batteries and fasten it.



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Service instructions Onboard batteries

How to replace the batteries



7. Connect fuse + and - cables and + and - cable from the circuit board. See wiring diagram on page 27



8. When the leads are reconnected, release the Emergency stop by turning it clockwise, a “click” shall be heard from the control box.



9. Put the plastic lid back onto the plastic enclosure. Fasten it by tightening the four screws on the lid.

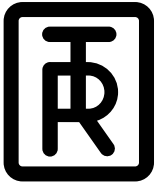


10. Put the metal lid back onto the stretcher and fasten it by tightening the four M5x12D screws.

When the batteries has been disconnected, an initialization/calibration must be done. See table of contents for instructions.



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Service instructions Onboard batteries

How to replace the circuit board

Important:

Before replacing the circuit board:

- Position and lock castor brakes and straight steering castors.
- Remove mattress and plastic plate.

- Press the Emergency stop button to cut the power to the circuit board.
The button must be pressed until the circuit board is replaced and the leads are connected according to the wiring diagram on page ??.



1. Unscrew the four M5x12D screws to remove the metal lid on the stretcher.



2. Unscrew and remove the plastic lid on the battery box.



3. Pull out the circuit board and disconnect the leads, port 1-6.



4. Connect the leads to the new circuit board.
See wiring diagram on page 27



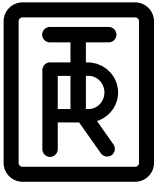
5. Insert the new circuit board into the battery box



6. Release the emergency stop by turning it clockwise, a "click" shall be heard from the control box.



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TR 3200

Shower trolley

*Hygiene Equipment
Designed for People*

Service instructions Onboard batteries

How to replace the circuit board



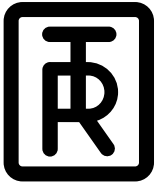
7. Put the plastic lid back onto the plastic enclosure. Fasten it by tightening the four screws on the lid.



8. Put the metal lid back onto the stretcher and fasten it by tightening the four M5x12D screws



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Service instructions Onboard batteries

How to replace the charging connector and cover



1. Unscrew and remove the metal lid on the stretcher by loosening the four M5x12D screws.



2. Unscrew and remove the plastic lid on the battery box by loosening the four screws on the plastic lid



3. Remove the fuse from the fuse holder to cut the power.



4. Remove the contact block from the emergency stop by squeezing the clip.



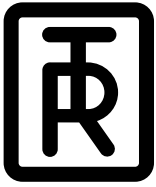
5. Remove the + and - lead from the charging connector.



6. Loosen the connector with a pliers by turning the fastening nut counter clockwise. Remove the connector and connector cover.



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Shower trolley

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Service instructions Onboard batteries

How to replace the charging connector and cover



7. Insert the new connector and cover into the battery box.



8. Fasten the connector by turning the fastening nut clockwise. Use a pliers for proper fastening.



9. Connect + and - leads from the circuit board. See page 27 for wiring diagram



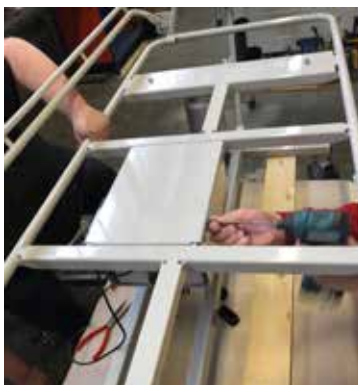
10. Reconnect the contact block on the emergency stop by squeezing the clip.



11. Insert the fuse into the fuse holder. A "click" shall be heard from the control box.



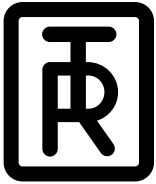
12. Put the plastic lid back onto the plastic enclosure. Fasten it by tightening the four screws on the lid.



13. Put the metal lid back onto the stretcher and fasten it by tightening the four M5x12D screws.



TR EQUIPMENT



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Service instructions Onboard batteries

How to replace the fuse and fuse cabling

Important:

Before replacing the fuse cabling:

- Position and lock castor brakes and straight steering castors.
- Remove mattress and plastic plate.

- Press the Emergency stop button to cut the power to the circuit board.
The button must be pressed until the fuse cabling is mounted.



1. Unscrew and remove the metal lid on the stretcher by loosening the four M5x12D screws.



2. Unscrew and remove the plastic lid on the battery box by loosening the four screws on the plastic lid



3. To replace only the fuse, pull out the fuse from the fuse holder and insert a new 15A fuse.



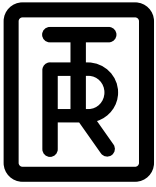
4. To replace the fuse cabling, remove + and - lead from the batteries. Insert the new fuse cabling incl. the fuse by connecting + and - leads to the batteries.



5. Release the emergency stop by turning it clockwise, a "click" shall be heard from the control box.



TR EQUIPMENT



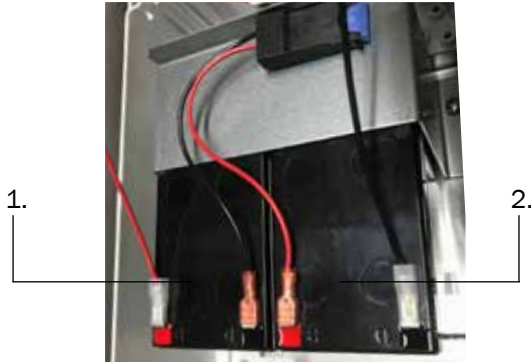
TR 3200

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Service instructions Onboard batteries

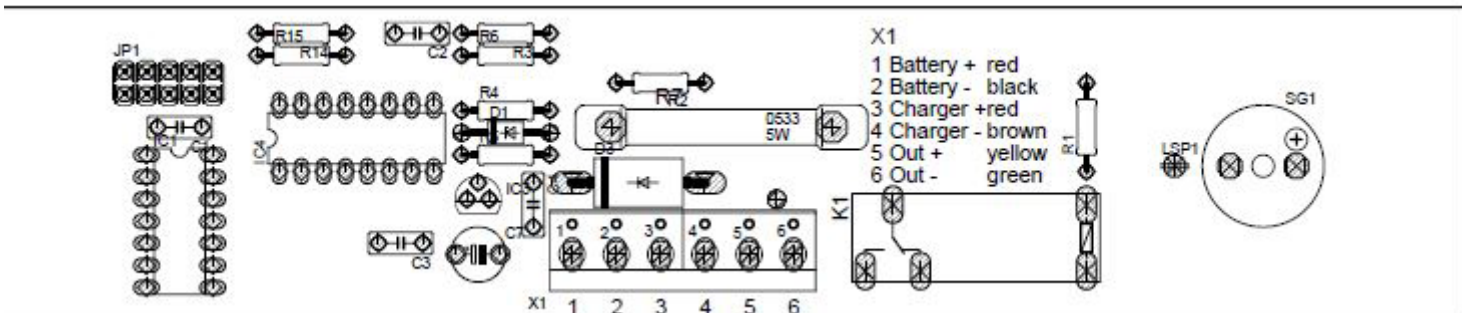
Wiring diagram



Red +

Brown -

Charger MagCode connector



Control box

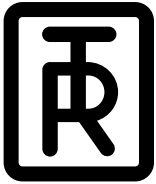


Yellow

Green



TR EQUIPMENT



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Service instructions, removable batteries

How to replace the control box



1. Remove mattress and plastic plate.



2. Disconnect the battery from the control box connector.



3. Cut the cable ties holding the control box cable.



4. Unscrew the bracket holding the control box connector.



5. Loosen and remove hand control- and lifting column cables.



6. Press the lever and push the control box to the right.



7. Push the new control box to the left to fasten in it onto the plastic bracket. A click sound will be heard when its in position.



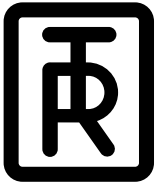
8. Fasten the control box connector in the bracket.



9. Fix the cables with cable ties and attach the hand control- and lifting column connectors.



TR EQUIPMENT



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Service instructions, removable batteries

How to replace the battery



1. Disconnect the battery from the control box connector.



2. Loosen and remove the battery.



3. Attach the new battery onto the bracket. Make sure the battery is properly attached.

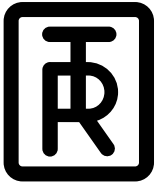


4. Connect the battery to the control box connector.

Before replacing the battery make sure that the new battery has been charged for at least 24 hours.



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Service instructions, removable batteries

How to replace the hand control



1. Remove mattress and plastic plate.



2. Cut the cable ties holding the hand control cable.



3. Remove the bracket on the control box.



4. Attach the new hand control.



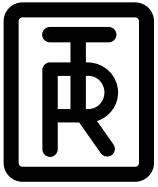
5. Fasten the bracket on the control box.



6. Fasten the hand control cable with a cable tie.



TR EQUIPMENT



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Service instructions, removable batteries

Control box connection guide



1.

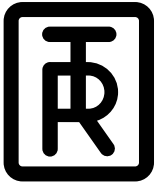
2.

3.

1. Hand control
2. Lifting column
3. Lifting column



TR EQUIPMENT



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Shower trolley

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Service instructions

How to Initialize/calibrate the lifting columns

Initialization/Calibration of the columns

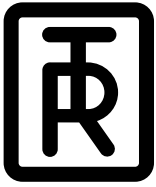
For functions on the columns to work correctly an initialization should be carried out the very first time the shower trolley is started up.

Initialization/Calibration:

- Use the hand control and press both the UP and DOWN button simultaneously. Keep pressing both buttons through the complete Initialization/calibration.
- After approximately 8 seconds the shower trolley will automatically start to lower the columns.
- Continue to hold the buttons until the shower trolley goes all the way down.
- Once the shower trolley has reached the bottom position the shower trolley is calibrated.



TR EQUIPMENT



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Shower trolley

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Service instructions, routine maintenance

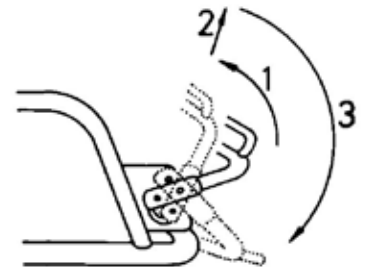
The recommended frequency of the maintenance routine procedures will depend on how often the equipment is used. It is good practice to establish these procedures and then adjust the frequency as your condition indicate.

TR Equipment recommends that a schedule is kept on file with signatures of the individual(s) conducting the inspections if questions should arise at a later date.

The shower trolley TR3200 should immediately be taken out of operation if defects or irregularities are noted. Prompt service is required.

Before every use:

- Visually inspection, make sure that the shower trolley is properly cleaned, dried and in good condition.
- Make sure that the batteries are charged and works properly.
- Make sure that it´s possible to raise, lower and tilt the stretcher with the hand control.
- Make sure that it´s possible to raise and lower the side rails.
- Make sure that brakes and straight steering on the castors works properly.



Daily maintenance:

- Clean the shower trolley after every use according to the cleaning instructions on page 38
- If the lifting columns are exposed to faeces or other contaminants during operation, immediately clean the columns.
Dry the columns before raising, lowering or tilting the stretcher.
- Charge the batteries on a daily basis or whenever the shower trolley is not in use. The batteries on the TR3200 cannot be over charged.

Note:

If the batteries on the TR3200 are not charged continuously they will eventually loose their ability to hold a charge.

Weekly maintenance:

- Repeat before every use and daily maintenance.
- Visually inspect the shower trolley interior to make sure that there are no nicks or cracks which may scratch the resident.



TR EQUIPMENT



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Shower trolley

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Service instructions, routine maintenance

Monthly maintenance:

- Make sure that screws and fastenings are tightened. It is important that all screws and fastenings are checked and tightened if needed, including those not easily visible.
- Make sure that all castors are tightened. When replacing castors use only castors and fasteners supplied by TR Equipment.
- Inspect the castors to ensure they are cleaned and make sure brakes and straight steering are fully functioning.
- Make sure that raise and lowering function works properly the entire lift range.
- Make sure the tilting functions works properly.

Annual maintenance:

It's recommended to consult an authorized service/maintenance technician to perform a full inspection of the shower trolley annually.

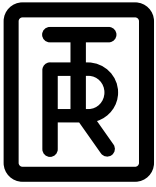
- Thorough inspection of before every use, daily-, weekly- and monthly maintenance instructions. See check list on page 35.
- Make sure that the mattress and pillow are in good condition.
- Replace drainages, drain plugs and drainage hose.
- The shower trolley should be immediately taken out of operation if defects or irregularities are noted. Prompt service is required.

Maintenance every 5 years:

- Replace both lifting columns and control box.
- Replace castors.



TR EQUIPMENT



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Shower trolley

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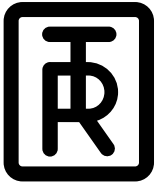
Service instructions, routine maintenance

Check list annual maintenance

<p>Chassis Is the shower trolley properly cleaned and dried?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>
<p>Chassis Are screws and fasteners tightened?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>
<p>Chassis Any signs of wear or damages?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>
<p>Mattress and pillow Are mattress and pillow cleaned properly and in good condition?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>
<p>Side rails Is it possible to raise and lower the side rails?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>
<p>Drainage Replace drainage, drainage hose and drainage plugs.</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>



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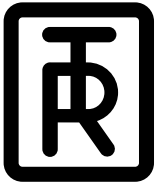
Service instructions, routine maintenance

Check list annual maintenance

<p>Lifting columns Is it possible to raise and lower the lifting columns the entire lift range? (Use the hand control)</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>
<p>Lifting columns Is it possible to tilt the stretcher? (Use the hand control)</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>
<p>Lifting columns Calibrate/Initialize the lifting columns. See instruction on page 32</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>
<p>Castors Are the castors cleaned and fully functioning?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>
<p>Castors Are brakes and straight steering functioning properly?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>
<p>Castors Are the castors properly fastened?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>



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Service instructions, routine maintenance

Check list annual maintenance, every 5 years maintenance

<p>Lifting columns Replace lifting columns and control box.</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>
<p>Castors Replace castors</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>
<p>Shower trolley Approved and OK to use:</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comment:</p>	<p>Action:</p>

Note:
The shower trolley should be immediately taken out of operation if defects or irregularities are noted. Prompt service is required! Contact your TR Equipment representative.

Order or download a new Service and maintenance manual after annual maintenance!

.....
Company / Person

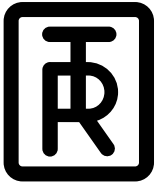
.....
Serial number

.....
Maintenance date

.....
Signature



TR EQUIPMENT



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Service instructions, routine maintenance

Cleaning instructions

Note:

The user/operator is responsible selecting the correct cleaning liquid/detergent and additives according to local regulations and safety standards. Please read the cleaning liquid/detergent supplier's instruction manual and find out whether the product is suitable for use with this product.

General cleaning recommendations for mattress, pillow and plastic plate:

- Select cleaning interval according to the degree of contamination.
- Contaminations should be removed as soon as possible in order to prevent material damage.
- DO NOT use tools which might damage the surface of the mattress and pillow, instead use a towel, sponge or a soft brush.
- The mattress, pillow, plastic plate and chassis must be dried when the shower trolley is not in use.

General guideline for cleaning liquids/detergents:

- No solvent based or strong alkaline cleaning liquids/detergents, use of these products may cause damage.
- Use only nonabrasive types of detergent.
- Less than 5Wt% chloride content.
- Less than 3Wt% alcohol content.

Cleaning process:

- Lightly brush off loose dirt particles first, then rinse material with clear water.
- Spray on the cleaning liquid/detergent in recommended concentration or apply with a clean towel. Dose the amount according to the degree of contamination.
- Allow cleaning liquid/detergent to act for a short while (2-5 minutes) and wipe off with a towel.
- Rinse off dirt and cleaning liquid/detergent residues thoroughly with cold or lukewarm water to prevent material discolorations.
- When the shower trolley is not in use, all parts on the shower trolley must be properly cleaned and dry.

Note:

After cleaning the lifting columns, dry them before use.

Note:

Swimming pool areas are an aggressive environment and will shorten the life time of the product.



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