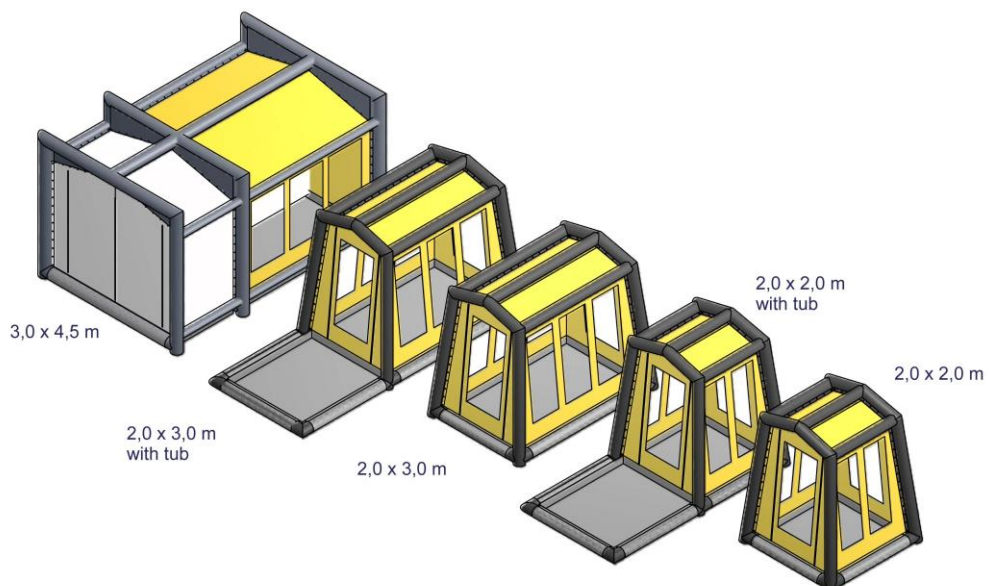


Manual – ARZ Decontamination showers

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1. Scope of Delivery

1.1 Standard Scope of delivery

	ARZ Decon 2x2m	ARZ Decon 2x3m	ARZ Decon 3x4,5m
Decon shower with inflatable frame	1	1	1
Plastic base plates, red	4	8	20+8
Bag for decon shower	1	1	1
Bag for accessories 76x50 cm	1	1	1
Guy ropes	4	4	6
T-Pegs 50 cm	4	4	6
T-Pegs 30 cm	4	4	6
Tent Hammer 1,5 kg	1	1	1
Double Stroke Hand-Pump	1	1	1
Repair Set	1	1	1
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1.2 Optional Equipment

- External access gloves
- Separate decontamination tub
- Inner cabin
- Electric fan
- Extra Hand shower
- Tub fixed to the shower 2x2m or 2x3m
- Reinforced windows

2. Technical Data

Changes in the construction and fabric, change weight and packing volume!

	ARZ Decon 2x2m	ARZ Decon 2x3m	ARZ Decon 3x4,5m
Length	2,00 m	3,00 m	4,50 m
Length of shower cabin(approx.)	1,80 m	2,80 m	2,90 m
Width	2,00 m	2,00 m	3,00 m
Total height	2,40 m	2,40 m	2,60 m
Number of side windows, per side	2	3	3
Number of spray arcs	1	2	2
Number of nozzles, total	5	10	10
Number of hand showers, total	1	2	2
Operation pressure	0,25 bar	0,25 bar	0,25 bar
Maximum pressure	0,30 bar	0,30 bar	0,30 bar
Weight (approx.)	44 kg	75 kg	135 kg
Packing volume (approx.)	0,35 m ³	0,47 m ³	1,00 m ³

All showers have one Storz D-coupling for water supply and one Storz C-coupling with suction hose for water discharge.

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3. Set-up Instructions

3.1 Unpacking and Unfolding

- a) The place of set up should be flat to provide best stability for the shower. It should be most possibly clean, too. No loose things on the ground, in order to avoid damage to the shower.
- b) Take out shower of the packing bag and unfold it.
- c) Spread it out.

3.2 Inflation

- a) Take off protective cap of the main valve by turning anticlockwise.
- b) Check if valve is closed. The valve inside must be even with the valve surface.
- c) Close opened valve by pushing down and turning the valve tappet clockwise.
- d) Fill the tube system with air.

Lifting the shower air tubes by hand during inflation allow tent to open quickly and prevents the tube system from damage.

Always put on protective valve-caps after inflation process and fix it by turning it clockwise.

3.2.1 Using the Hand-Pump

- a) Place hand-pump in pressure position.
- b) Put conic ending of the pump hose into the in- and deflation valve opening of the tube.
- c) Pump until pressure is reached.
- d) The final pressure is reached when the pressure relief valve opens. The relief valve is located opposite the in- and deflation valve.

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3.2.2 Using the Electrical Blower

- a) Prepare electrical blower according to the manual of the electrical blower.
- b) Connect the hose of the electrical blower to the main valve and lock connector to the tent valve and switch on the blower to fill the tubes.
- a) The maximum pressure of the electrical blower of 0.3 bar is less than the opening pressure of the relief valve. This is why the relief valve usually doesn't open.
- b) Using the electrical blower longer than needed for the inflation process may cause overheating.

Do not use continually for more than 5 minutes to avoid overheating!

3.3 Final Work to Do

- a) Fix shower with T-pegs 30cm to the ground.
- b) Fasten guy ropes with T-pegs 30cm and tighten them.
- c) Connect the plastic base plates and put them into the shower cabin.

3.4 Important Information

- a) Avoid punctual weight and sharp things on the groundsheet.
- b) When there are first signs of low pressure of the tube system start to refill the air in the tent.
- c) Check guy ropes regularly and tighten again if needed.
- d) When you assume that a tube is leaky, lather the tube in order to locate the leaky spot. Repair according to No. 5.
- e) Snow loads have to be removed immediately.

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3.5 Pictures of Inflation Process



Couplings



Suction hose

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4. Deflation and Packing of the Shower

4.1 Deflation

- a) Take out everything of the shower.
- b) Take especially care of removing little stones, loose chippings and sharp objects.**
- c) Press down and turn anticlockwise in- for the deflation valves to open. The air needs about 5 to 10 minutes to exhaust completely.
- d) Exhaust the air thoroughly with the hand-pump or electrical blower.

4.2 Folding and Packing

- a) Spread out shower roof even and flat.
- b) Loosen all fixtures. Lay guy ropes on the shower.
- c) Collect all pegs, clean and pack them.
- d) Fold shower as clean as is possible.
- e) Roll in shower and squeeze out the remaining air with your knees.
- f) Close valves and put on protective caps.
- g) Place the packing bag under the end of the folded shower and roll it into the bag.
- h) Pack all accessories.

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5. Care and Repair Instructions

5.1 General Information

Never pack the shower when it is wet or humid! – allow to dry completely before packing away.

5.2 Cleaning

Only take common gentle cleaning soap.

- a) Cleaning all textile parts with tepid, gentle soap-water and use a soft sponge. Always rinse with clear water completely and let it dry in the air. Please read and act according to cleaning advises for the fabric when you cannot remove dirt this way.
- b) Clean dirty in- and deflation valves and relief valves the same way as above. In case that a valve is not airtight anymore, please follow step 5.4.

5.3 Repairing of Holes and Fissures

Repairing of holes and fissures at the shower frame, groundsheet or roof can be done with the included repair set according to its instructions.

5.4 Valve Check

Isn't a valve airtight anymore, may be dirt under the gasket, which can be removed as described:

- a) Exhaust all air.
- b) Fill valve with warm soap-water.
- c) Press valve tappet: in- and deflation valve from the front, the relief valve must be pressed from the back through the air beam right in the middle.
- d) The soap-water should flow into the air beam.
- e) Inflate the tube until the valve opens definitely. Check in- and deflation valve if they are tight.
- f) If the valve still not working properly, it probably needs to be changed.