

AREBOS

Solar Shower

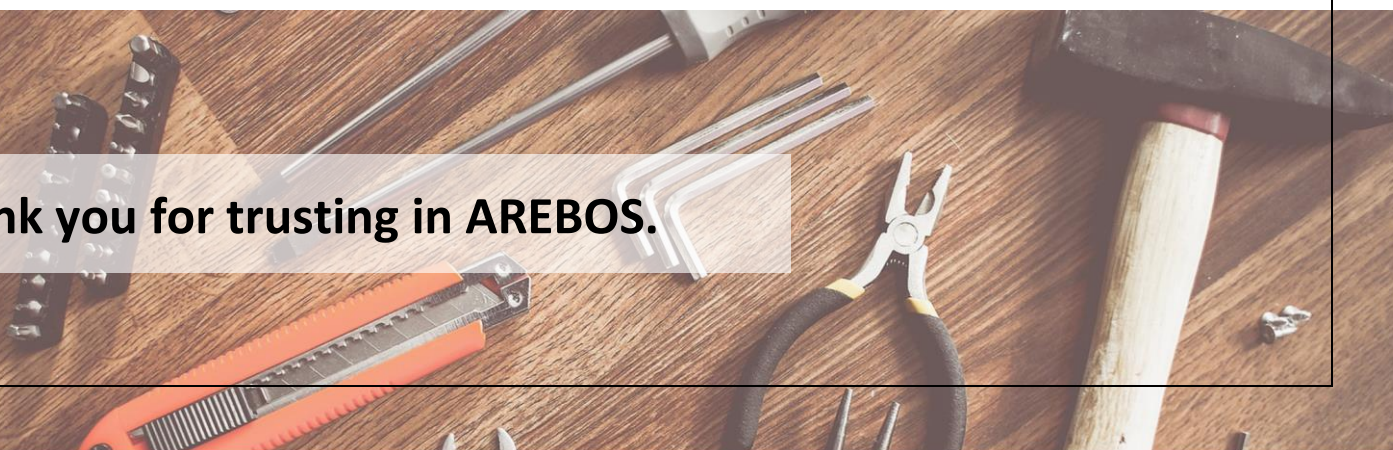
AR-HE-SDTB



Please follow all security measures in this user's manual to ensure a secure use.



Thank you for trusting in AREBOS.



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Thank you for purchasing our product. Please read the instruction manual carefully before using the product for the first time. If you leave the product to third parties, this operating manual must also be handed over. Keep the instruction manual for later reference. The drawings in this guide may not match the physical objects. Please refer to the physical objects.

1. Safety instructions

1.1 Explanation of the symbols



By means of a CE marking, it can be recognized that a product complies with the legal requirements of European legal standards and therefore may be traded within the European Community.



Caution! Read the safety instructions carefully. Failure to follow the safety precautions could result in serious injury or damage. Keep the manual well!



Caution! Hot surface!



Caution! Hot water!

1.2 General instructions

- Chose a position for the shower where solar irradiation is as high as possible.
- Attach the shower to a concrete slab or a wooden foundation using the four threaded sleeves, four screws and four washers.
- Do not use road salt or other antifreeze, which might damage the shower. If you do use antifreeze, your warranty will be void.
- Recommended water pressure: 3.5 bar
- In order to avoid scald, always set the shower handle on cold water (blue) before taking a shower.
- Children should always be supervised by adults so that they do not scald themselves.
- Water temperature can reach up to 60°C at high solar irradiation. In order to avoid scald, make sure that shower handle is always set on cold water (blue) before taking a shower. That is why children should always be supervised by adults when using the shower so that they do not scald themselves

3. Assemble instructions

1. Choose a location which will receive as much sunlight as possible.
2. Mount the shower base to concrete slab or wood base with four bolts and nuts. Using a wrench is recommended (Fig. 1).
3. Attach shower head to extension pipe. Then connect extension pipe to the upper tube with an adjust nut. Do not use a wrench (Fig. 2).
NOTE: Do not forget gaskets when connection the shower head and extension pipe.
4. Put O-Ring on the slot of the lower tube (Fig. 3).
5. Lift upper tube on lower tube (Fig. 3).
6. Turn locking ring clockwise to securely connect upper tube to lower tube (Fig. 3).
NOTE: Handle and shower head need to face the same direction.
7. Put some teflon tape on the thread of thermometer. Then connect thermometer to shower by hand.

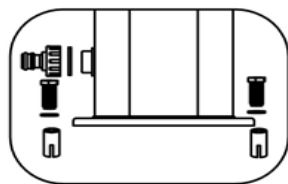
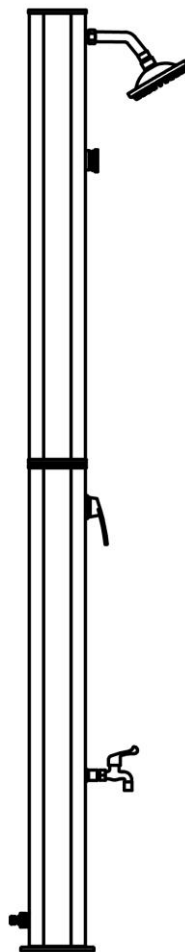


FIGURE 1

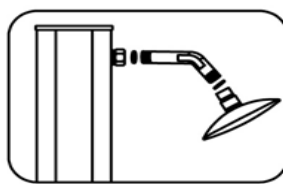


FIGURE 2

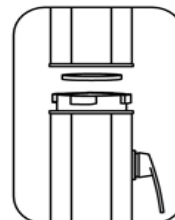


FIGURE 3

4. Use

4.1 Initial set up of the shower

1. Turn the handle to **FULL ON HOT** position.
NOTE: Filling in the water with the handle on the “full on hot” position ensures no air pockets are trapped in shower.
 2. Attach garden hose to hose connector. Turn on water supply to the garden hose to fill the shower. It will take 4-6 minutes to fill up the shower.
 3. When water flows from shower head, turn handle off. Turning the handle off makes the water begin to heat up in the tubes.
 4. Depending on the sunlight and outside temperature, the shower will take about two hours to fully heat up water.
 5. Water temperature in shower can reach up to 60°C in strong sunshine.
- **WARNING:** To avoid scald, pay attention to turn the handle to **COOL WATER (blue)** position before using the shower. Then set to desired temperature.

4.2 Notes on use

- Attention: If you have not used the solar shower for more than 3 days, we recommend that you run the water for 2 minutes before use to replace the water in the solar tank. Standing water in a warm environment can be a centre for dangerous bacteria!
Attention: Standing water in the tank no longer corresponds to drinking water quality!
Using the solar shower:
 - Caution: The water in the solar tank can become hot due to sunlight. We therefore recommend that the cold/warm single-lever mixer tap is always positioned in the middle position (between hot and cold) at the beginning. Then it can be turned to the desired temperature.
1. Turn the cold/warm single-lever mixer tap to the "ON" position and you can enjoy your "solar" heated water. Note: The water supply must be turned on for the shower to work.
 2. turn off the water supply to the shower when you are finished.

4.3 After use

- The shower does not have an aqua-stop. Accordingly, the supply must be turned off after use.

4.4 Winterization

1. Turn off and disconnect garden hose.
2. Open the handle to “full on hot” position and allow water to drain from hose connector (approximately 8-10 minutes).
NOTE: Do not touch or turn handle while draining the water, otherwise water will stop draining out.
3. Turn locking ring counter clockwise to unthread upper tube and lower tube.
4. Unbolt lower tube and pour remaining water out of the tube.
5. Clean and dry the shower parts.
6. Store the shower indoors in a dry place during winter season. Prevent the shower from frostbite.


NOTE:

- Do not use salt or other anti-freezing methods.
- Recommended water pressure: 3.5 bars.
- Always start your shower from cool to avoid injury.
- When initially using the shower please let water run for several minutes and clean the inner parts of the shower with running water in order to get rid of plastic and oil smell.

5. Technical specifications

Model	AR-HE-SDTB
Tank capacity	35 l
Max. Water temperature	60°C
Material	Plastic chromed
Size mounting plate of the shower	7.09 x 5.71 in (18 x 14.5 cm)
Height of the shower head	76.8 in (195 cm)
Height of the shower	86.6 in (220 cm)
Diameter shower head	5.9 in (15 cm)
Water pressure	3.5 bar
Net weight	19.90 lbs (9.0 kg)
Colour	Black

6. Environmentally friendly disposal

 **Warning! from the risk of suffocation!** Packaging material is dangerous for children. Never let children play with packaging material.

6.1 Disposal and packaging

- The packaging of your device is made of materials necessary to guarantee effective protection during transport. These materials are fully recyclable and thus reduce the environmental impact. Dispose of the packaging in a bin for recyclable materials.

6.2 Disposal of waste equipment

- Waste equipment must be disposed of in accordance with the guidelines and regulations of local waste disposal. Contact your local administration via the address of the nearest recycling centre and deliver your device there.

Our customer service number: Tel. +44 (0) 208 068 5604

fax: +49 (0) 931 4523 2799 / e-mail: info@arebos.de

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Return address can be found in the imprint: <https://www.arebos.de/impressum/>

EU Declaration of Conformity



We, the

Canbolat Vertriebs GmbH, Gneisenaustraße 10-11, 97074 Würzburg, Germany,

hereby declare that the equipment described below, by virtue of its design and construction and in the versions placed on the market by us, complies with the relevant essential health and safety requirements of the EU directives.

Product name: AREBOS Solar Shower
Model number: AR-HE-SDTB
Article number: 4260627426270

Should the appliance be modified without our consent, this declaration of conformity will lose its validity.

EU Standard:
EN 817:2008
EN 1112:2008

Date/Signature Manufacturer/Place:

Würzburg, September 26, 2022

A handwritten signature in black ink, appearing to be 'Korhan', is written over the signature line.

Signature:
Dipl.-Inform. (Univ.) Korhan Canbolat, Managing Director

Representative of these instructions for use/technical data:
Dipl.-Inform. (Univ.) Korhan Canbolat, Managing Director

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Return address can be found in the imprint: <https://www.arebos.de/impressum/>

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