

Ultraflow Water Intake Housing

GB

Operating instructions
Installation instructions

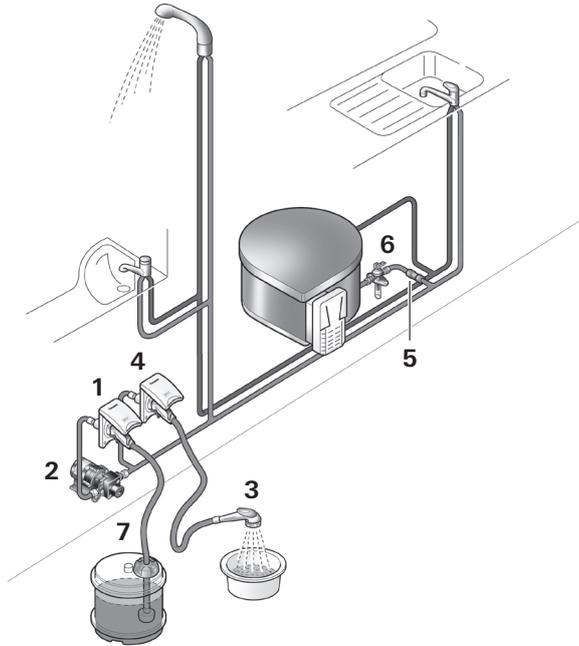
To be kept in the vehicle!

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Ultraflow Water Intake Housing



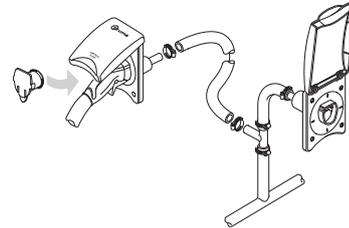
- 1 Water Intake Housing
- 2 On-board pump
- 3 Shower Assembly
- 4 Shower Housing
- 5 Non-return valve (see accessories)
- 6 Ultrastore drain valve
- 7 Intake Assembly

Introduction

The Ultraflow Water Intake Housing (1) is part of a unique, high quality product range designed to bring together with an on-board pump (not in scope of delivery) water to your caravan in a convenient and efficient manner.

If caravanning in the winter there is a possibility that the water in the outside container will freeze. It is therefore desirable to keep the water container within the caravan to prevent freezing.

This is achieved by simply fitting a Winter Kit inside of the caravan in a suitable place such as the washroom.



The blanking plug must be fitted to blank off the unused Water Intake.

i Truma Ultraflow operates in the caravan water supply as a pressurised system and requires an on-board pressure pump with pressure switch.

The non-return valve (5) must be fitted between the drain valve and the first "T" connection. This also prevents the back flow of hot water to the cold water taps.

Please note the correct flow direction of the valve. No further non-return valves or other parts that can reduce the water flow may be used. Additional Truma drain valves do not reduce the water flow.

Also available, is a special outdoor shower (3). The Shower Housing (4) fits beside the Water Intake Housing in the outer wall.

i The shower has no electrical connections and works only in a pressurised system (please refer to page 7).

The Intake Assembly (7) is detachable from the Water Intake Housing for security and while touring.

To connect the assembly, simply align the plug with the socket and push into position.

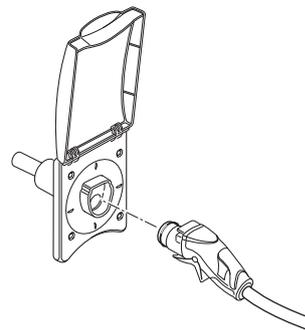
To remove, pull the lower trigger and pull the plug from the socket.

Operating instructions

Ultraflow Water Intake Housing

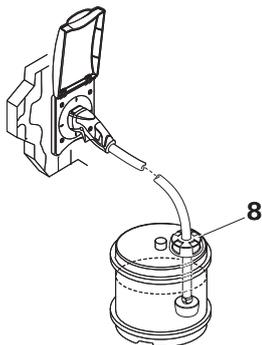
Raise the lid, clean both the water socket and the plug of the Intake Assembly.

Plug the intake connector into the socket.



Place the assembly into the water container, ensuring that it is fully submerged before operating the system. The Dust cover (8) is to stop contaminants falling into the water container.

To remove the Intake Assembly from the Water Intake Housing, pull the lower trigger and pull out the hose plug.



⚠ Do not remove by pulling the hose. Please ensure that the lid is properly closed before driving!

When using the Winter Kit the blanking plug provided will be fitted to the housing not being used.

Routine maintenance

Ensure that the O-ring seal on the hose plug and the socket are free from dirt.

To aid fitting of the plug assembly smear the O-ring with vegetable oil.

Notes

Never allow the on-board pump to run **dry**. Always ensure that the assembly is submerged in the water or the life of the pump will be reduced.

Before winter storage the water system must be completely drained.

Clean the water system at the start and end of the season with sterilising fluid (see notes under sterilising).

Sterilising

When cleaning the water system at the start or the end of the season it is advisable to use a sterilising fluid e.g. Chempro SDP or similar.

Flush the system thoroughly to remove the effective fluid traces.

Installation instructions

Tools and accessories

The following tools and accessories may be required:

- Bore crown with a 60 mm diameter
- Drill with a 2 mm diameter drill bit
- Pozidrive screwdriver
- Panel pins 20 mm long
- Timber (with the thickness of the caravan wall. This will be needed to line the hole).

Selecting the position

Choose a flat vertical wall without interference of trim etc. if possible.

With the shortest possible route to the plumbing system without crossing doorways.

- The pipe work should be concealed in cupboards or under bed-lockers etc., but should **not** be run under the floor of the caravan.

The accessibility of existing water connections should be taken into consideration.

Structural sections within the wall of the caravan should be avoided for safety reasons.

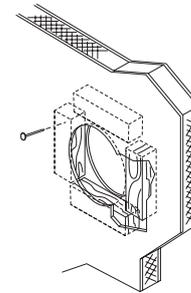
Cutting the hole

After selecting the position, drill a hole of 60 mm diameter.

Lining the hole

It is suggested that the hole should be lined with timber as this makes the installation of the Water Intake Housing secure.

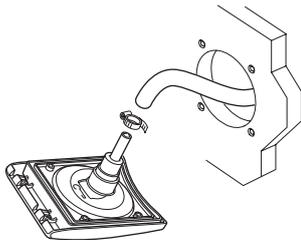
Before fitting the timber lining the insulation around the hole should be removed to the depth of the timber lining. The finished hole should have a diameter of 60 mm.



Using a non hardening mastic (do not use silicone) seal the lining to the inner and outer walls then secure the timber lining in place with panel pins. Then remove any excess sealant from around the hole. It is important to check that all the edges are sealed to prevent water entering the walls.

Fixing the Water Intake Housing

It is easier to bring the water hose through the cut hole and make any connection before fitting the Water Intake Housing to the caravan wall.



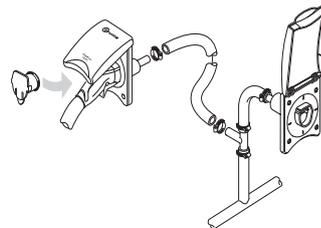
Water connections

The Water Intake Housing is designed for connection to 12 mm diameter bore flexible hoses or 12 mm diameter semi-rigid piping (e.g. John Guest fittings). Flexible hoses must be secured with suitable hose clips.

i Food quality hose must be used to avoid the risk of unpleasant tastes in the water.

Water connections Winter Kit

For the use of the Winter Kit, the connection must be made as shown below.

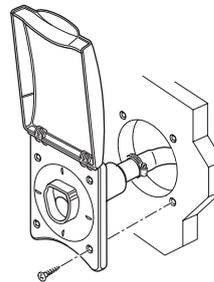


Fixing to the caravan wall

After ensuring that the water connections are satisfactory offer the Ultraflow Water Intake Housing into its position. Using the 4 flange holes as a guide, drill through the outer wall only with a 2 mm dia drill bit.

Apply a non hardening mastic sealant to the back flange of the Water Intake Housing and using the 4 countersunk head screws secure the housing into position.

Finally remove any excess sealant from the coachwork.



Checking the installation



Before checking the installation, ensure that the rest of the water system is connected and that all the joints are secure.

Clean the water socket and plug off the Intake Assembly (as both components will be dry and new it is suggested that a smear of vegetable oil on both surfaces will aid fitting). Push the two components fully together.

Place the Intake Assembly into the water container and ensure that it is totally submerged. Operate the system, and check that the water is flowing from all taps and that the system is free from leaks.

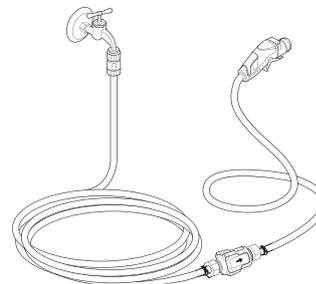
Accessories

Ultraflow Waterline

The Ultraflow Waterline is a 15 metre “food quality” hose pipe. It comes complete with fittings and a special pressure reducing adaptor which allows caravanners to connect their Ultraflow caravan water system direct to a mains water supply without modification.

Ultraflow Waterline

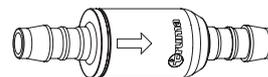
part no.: 46091-01



Non-return valves

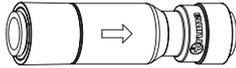
Flexible hoses

part no.: 40060-90000



Semi-rigid-piping

(John Guest System) part no.: 40060-88000

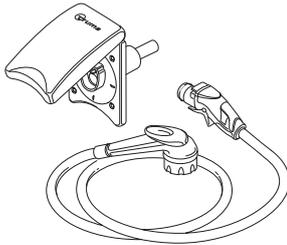


Ultraflow Compact Outdoor Shower Set

The Outdoor Shower Set consists of a housing in the same design of the Intake Housing, a shower head with 2.5 metres hose and connector plug.

Please note, that the shower has no electrical connections and works only in a pressurised system.

part no.: 46070-01 (white)



Ultraflow Winter Kit

part no.: 46060-01

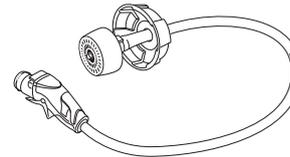


Ultraflow Water Intake Assembly

The Ultraflow Water Intake Assembly comes complete with the dust cover and storage clip. (hose length 900 mm)

part no. 46340-51

content: 12 pieces



GB In Germany, always notify the Truma Service Centre if problems are encountered; in other countries the relevant service should be contacted (see Truma Service Booklet or www.truma.com).

Having the equipment model and the serial number ready (see type plate) will speed up processing.

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