Truma AquaGo™ LP Gas Instant Water Heater

Model:  
Truma AquaGo™ basic (DLE6AB) *  
Truma AquaGo™ comfort (DLE6AC) *  
Truma AquaGo™ comfort plus (DLE6ACP) *  

* Patent Pending

Operating instructions  
Installation instructions

Page 2
Page 19

To be kept in the vehicle!
Overview / Designation of parts

Legend
1 Cold water connection 1/2 inch NPT
2 Hot water connection 1/2 inch NPT
3 Circulation line connection 1/2 inch NPT (AquaGo™ comfort plus only)
4 Pressure relief valve
4a Test lever
5 Flue fan
6 Unit casing
7 Control unit
8 POWER switch
9 Latch
10 Flue duct
11 Easy Drain Lever
11a Water inlet filter
12 Gas pipe grommet (side)
13 Gas valve
14 Cover plate
15 Temperature stabiliser
16 Water flow sensor
17 Burner
18 Circulation pump (AquaGo™ comfort and AquaGo™ comfort plus)
19 Heat exchanger
20 Access door (assembly)
21 Turn lock
22 Webbing
23 Venting grid (air inlet, exhaust)
24 Grommet for 12 V cable (power supply)
25 Type plate
26 Exhaust pressure switch
27 Control panel (AquaGo™ comfort and AquaGo™ comfort plus)
LED 1 Power-ON LED 1 – green
LED 2 Error code LED 2 – red
LED 3 Status LED 3 – yellow
Table of contents

Overview / Designation of parts ........................................... 2
Intended use ........................................................................ 3
Prohibited use .................................................................... 3
Glossary .............................................................................. 3

Consumer Safety Information

Safety symbols and signal words ........................................... 4
Safety behaviour and practices .............................................. 4
Safety features ..................................................................... 6

Operating instructions

How the appliance works ...................................................... 7
Pressure relief valve ............................................................ 7
Access door ......................................................................... 8
Opening the access door ...................................................... 8
Removing the access door .................................................... 8
Closing the access door ....................................................... 8
Starting the appliance ........................................................ 9
Inspections before each use ............................................... 9
Operating procedures ......................................................... 9
Switching ON the appliance ............................................... 9
Operating modes (control panel) .......................................... 10
Description of the yellow status LED 3 ............................... 10
Switching OFF the appliance ............................................. 10
Winter operation ............................................................... 11
Winterising ........................................................................ 11
Winterising the appliance ................................................. 11
Winterising the RV with a winterising fluid ......................... 11
AquaGo™ technical data ................................................... 12
Maintenance ........................................................................ 12
Decalcification .................................................................... 14
Decalcification frequency .................................................... 14
Decalcification (models without control panel) .................. 14
Decalcification (models with control panel) ....................... 14
Interrupt decalcification .................................................... 16
Accessories ........................................................................ 16
Troubleshooting .................................................................. 17
Truma warranty policy ......................................................... 18

Installation Instructions

Safety behaviour and practices ........................................... 19
Selecting a suitable location ............................................... 19
Preparing for installation ..................................................... 19
Preparing the installation site .............................................. 19
Preparing the gas connection ............................................... 20
– Gas side connection ....................................................... 20
– Gas rear connection ....................................................... 21
Preparing the water connection ......................................... 21
Preparing the 12 VDC electrical connection ....................... 21
Connection diagrams ......................................................... 22
Mounting the control panel ............................................... 23
Installing the appliance ....................................................... 23
Gas connection ................................................................. 24
Connecting the gas line (gas side connection) .................... 24
Connecting the gas line (gas rear connection) .................... 25
Functional check ............................................................... 26
APPENDIX A – Error Codes ............................................... 27
APPENDIX B – Functional Diagram ................................... 29
APPENDIX C – Spare Parts (all models) ............................. 31
APPENDIX D – Electrical Connection Diagram .................. 33
APPENDIX E – Notes for painting the access door ............... 34

Intended use

The Truma AquaGo™ instant water heater (appliance) may be used only to heat tap water in recreational vehicles (RVs) that are used for recreation, travel or camping.

RVs are recreational vehicles designed as temporary living quarters for recreation, camping or travel use. Such vehicles have their own power or are towed by another vehicle.

Prohibited use

Any use other than the intended use (see above) is prohibited. Examples of prohibited use:

- Use in a marine environment.
- Use as part of a space heating system.
- Use in mobile homes.
- Use in food trucks or roadside food vending vehicles.
- Use in construction trailers
- Use as a pool heater

Glossary

electric antifreeze kit Truma AquaGo™ electric antifreeze kit

appliance Truma AquaGo™ instant water heater

AWG American Wire Gauge

control panel Control panel CP classic AquaGo™

heating cartridge Truma AquaGo™ electric antifreeze kit cartridge

MWG Metric Wire Gauge
Safety symbols and signal words

⚠️ This is the safety alert symbol. This symbol alerts you to potential hazards that can kill or hurt you and others.

⚠️ DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠️ WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠️ CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE is used to address practices not related to physical injury.

Other important information or tips

Safety behaviour and practices

If the gas system is leaking or if there is a smell of gas

• extinguish all open flames
• open windows and door
• close all shut-off valves and gas cylinders
• do not smoke
• do not activate any electric switches
• ask an expert to inspect the entire system!

Ensuring a safe operating environment

• DANGER Suffocation through exhaust gases. To ensure dissipation of exhaust gases, operate the appliance outdoors only.
  – Never use in enclosed spaces or tents or breathe in the exhaust gases.
  – If installing an awning, make sure that the exhaust system terminates to the outdoors.
  – If you park the RV in an enclosed space, such as a garage or repair shop:
    · You must block the fuel supply.
    · You must switch the appliance off at the control panel.
• Keep the air inlet and exhaust outlet free of obstructions in order to ensure clean combustion.

• Do not place articles on or against the appliance. Do not lean any objects against the water heater’s access door or place any foreign objects within 61 cm (2 feet) of the access door.

• Do not use or store flammable materials near the appliance.

• Do not spray aerosols in the vicinity of the appliance while it is in operation.

• Do not modify the appliance.

Responsibilities of the operator

• Avoid possible serious health issues caused by electromagnetic radiation. All persons with a pacemaker are prohibited from opening the access door and maintaining the appliance during operation.

• The operator is responsible for the water filled into the appliance and its quality.

• The use of upright gas cylinders from which gas is taken in the gas phase is mandatory for the operation of gas regulators, gas equipment and gas systems. Gas cylinders from which gas is taken in the liquid phase (e.g. for forklifts) must not be used, since they would result in damage to the gas system.

• Gas systems and pressure regulators must comply with the technical and administrative regulations of the country in which the appliance is used (AS/NZS 5601).

• For your own safety it is absolutely necessary to have the complete gas installation regularly checked by an expert (at least every 2 years). The vehicle owner is always responsible for arranging the gas inspection.

Safe operation

• Use with propane gas only. Butane or any mixtures containing more than 10% butane must not be used.

• The nominal gas system pressure must be 2.75 kPa.
• LP tanks must be filled by a qualified gas supplier only.

• Hot water can be dangerous, especially for infants, children, the elderly or infirm. It can cause severe burns. Therefore:
  – Never actuate the pressure relief valve (Fig. 1 – 4) as long as the appliance is still hot.
  – Never actuate the Easy Drain Lever (Fig. 1 – 11) as long as the appliance is under water pressure and/or still hot.

• Always check the water temperature before entering a shower or bath.

• How long before hot water causes skin damage?

<table>
<thead>
<tr>
<th>Temperature °C</th>
<th>Time before skin becomes scalded</th>
</tr>
</thead>
<tbody>
<tr>
<td>68</td>
<td>1 second</td>
</tr>
<tr>
<td>64</td>
<td>2 seconds</td>
</tr>
<tr>
<td>60</td>
<td>5 seconds</td>
</tr>
<tr>
<td>56</td>
<td>15 seconds</td>
</tr>
<tr>
<td>52</td>
<td>1 minute</td>
</tr>
<tr>
<td>51</td>
<td>3 minutes</td>
</tr>
<tr>
<td>48</td>
<td>5 minutes</td>
</tr>
<tr>
<td>37</td>
<td>safe bathing temperature</td>
</tr>
</tbody>
</table>


• The water pressure on the inlet side must be limited to 450 kPa, otherwise internal components of the appliance will be damaged. On (city) water connections with a pressure higher than 450 kPa a pressure regulator is strongly recommended.

While driving
• To avoid damage, make sure the access door (Fig. 1 – 20) to the appliance is closed before moving the RV, as follows:
  – Turn lock is engaged.
  – Access door is flush with the cover plate.

• Shut OFF gas and the LP tank when moving the RV. This disables all gas appliances and pilot lights. Gas appliances must never be operated while vehicle is in motion.

• Shut OFF the appliance when refueling or pumping gas, in multi-storey car parks, in garages or on ferries.

• To avoid damage, make sure no spray water enters the appliance when cleaning the RV, e.g., do not spray directly into the openings/venting grid.

Safe handling of malfunctions
• Switch OFF the gas supply and the appliance:
  – if anything seems to be out of the ordinary.
  – if you smell gas.

  **DANGER** Fire / explosion if you attempt to use an appliance that has been damaged by flooding or if the vehicle has been involved in an accident. A damaged appliance must be repaired by an expert or be replaced.

• Only carry out repairs yourself if the solution is described in the troubleshooting guide of this manual.

• A damaged appliance may have to be replaced with a new one.
Safe maintenance and repair

• Repairs may only be carried out by an expert.

• Children must not carry out maintenance, repair or cleaning work.

• Before accessing terminals, please secure all supply circuits (i.e. 12 V) and make sure that the gas supply is securely turned off.

• Any work involving connection or interconnecting wiring must be carried out by a licensed electrician.

• Only use Truma AquaGo™ decalcification tablets to decalcify the appliance to avoid damage and the voiding of your warranty.
  – Never use vinegar.
  – The use of non-Truma-approved substances for decalcification can cause chemical reactions and produce hazardous substances that could enter the drinking water.

• Any alteration to the appliance or its controls can cause unforeseen serious hazards and will void the warranty.

• After a long period of winterisation: Flush all hot/cold water hoses and the appliance thoroughly with drinking water before using it.

• Keep the appliance free of foreign objects, e.g., leaves, animals, spiderwebs, and keep the area around free of snow and ice. The appliance will not function properly if the intake air or exhaust terminal is obstructed.

Safety features

The appliance is equipped with the following safety devices:

Flame monitoring
If the flame goes out, the gas supply to the burner is switched off (after 3 failed restarts).

Low-voltage (over-voltage) shutdown
If the voltage drops below 10 VDC (or rises above 16.4 VDC), the appliance shuts off.

Overcurrent protection
If there is a short circuit in the appliance (>10 A), a fuse on the control unit is activated and the appliance is switched off.

Monitoring of the flue fan
If there is a failure of the flue fan, the gas supply to the burner is switched off.

Monitoring of hot water temperature
A water over temperature switch avoids excessively high water temperatures in case of an error.
Operating instructions

Read and follow the “Consumer Safety Instructions” before operating the appliance.

⚠️ WARNING
Scalding injuries caused by hot water!
Water temperatures over 52 °C can cause severe burns or scalding and in extreme cases even death.
• Before using the hot water tap or using the shower, allow the hot water to run until the water temperature no longer increases.
• Test the temperature of the water before placing a child in the bath or shower.
• Do not leave a child or an infirm person in the bath unsupervised.

How the appliance works

The appliance was developed exclusively for use in recreational vehicles (RVs).

The appliance is connected between the vehicle’s fresh water supply and its hot water system.

It is powered by propane and a 12 VDC power supply. The ventilation grid on the access door allows combustion air to flow into the appliance and exhaust gas to flow out.

When the appliance is switched on, the tap water will be heated on-demand:

• A volume-flow sensor in the appliance detects when the hot water tap has been opened and the volume flow is greater than approximately 1.5 litres/min. The burner then starts automatically.

• The burner control continuously adjusts the heater output based on volume flow and inlet water temperature, so that the temperature at the hot water outlet is approximately 49 °C. A temperature stabiliser is also installed in the appliance to minimise fluctuations of the outlet temperature.

• After some time the maximum temperature at the tap or in the shower is reached. The length of time will depend on the model (AquaGo™ basic, AquaGo™ comfort and AquaGo™ comfort plus) and variations in the water system (length of pipes, insulation, circulation line, etc.). Like in a home shower, a comfortable water temperature at the shower head is reached by mixing in cold water.

• When the volume flow is less than approximately 1.5 litres/min or the tap is closed, the burner is automatically switched off.

The AquaGo™ comfort and AquaGo™ comfort plus models are equipped with a circulation pump. The circulation pump as well as the burner are switched on automatically by the control unit in order to keep the water temperature above 39 °C in “COMFORT” mode and 5 °C in “ECO” mode.

⚠️ NOTICE
Risk of damage in frosty conditions.
Refer to “Winter operation” on Page 11.

Pressure relief valve

⚠️ WARNING
Scalding injury from hot water and/or tampering with the pressure relief valve!
• Never actuate the pressure relief valve as long as the appliance is still hot.
• Do not place a plug or reducing coupling on the outlet part of the valve.

The pressure relief valve is a safety component and must not be removed for any reason other than replacement.
• The pressure relief valve is not serviceable; if defective it must be replaced. It must be replaced by a certified service technician.

Tampering with the pressure relief valve will void the warranty.

Fig. 3
4 Pressure relief valve
4a Test lever
Access door

Opening the access door
1. Turn the turn lock counterclockwise to the vertical position.

Fig. 4

- The access door can be opened in two different positions:
  - Position ① is the maximum opening width for switching the appliance on or off.
  - Position ② is the starting position for removing the access door.

Fig. 5

Removing the access door
1. Open the access door to Position ①.
2. Move the access door upwards to remove it.

Fig. 6

Closing the access door

**NOTICE**

Damage to the hinge!
- Do not try to remove the access door in Position ①. Position ② is the maximum opening width of the access door.
- Only remove the access door in Position ①.

1. If removed, insert the access door into the cover plate.
2. Make sure that the webbing is not pinched between the access door and the cover plate.
3. Press the access door against the cover plate.
4. Turn the turn lock clockwise into the horizontal position.

Fig. 7
Starting the appliance

**WARNING**

**Danger of over-temperature and toxic exhaust gases!**
- Use with propane gas only. Butane or any mixtures containing more than 10% butane must not be used.
- Keep the air inlet and exhaust gas outlet free of obstructions. Do not lean any objects against the appliance’s access door or place any foreign objects within 61 cm of the access door.

**WARNING**

**Danger of combustion, personal injury and damage to RV!**
- Keep the area around the appliance free from combustible materials, petrol, and other flammable vapours or liquids.
- Switch the gas supply and the appliance off:
  - if anything seems to be out of the ordinary.
  - if you smell gas.
  - if you move the RV.
  - before entering a service station.
  - before entering a tunnel.

**Inspections before each use**

Check the appliance for the following points before each use. In case of damage, contact an authorised Truma service provider and do not operate the appliance.

1. Check for visible damage, e.g., on the cover plate or access door.
2. Provide adequate quantities of propane gas and fresh water.
3. Switch ON and check the 12 V power supply of your RV.
4. Check that the access door of the appliance is closed.
5. Keep the appliance free of foreign objects, e.g., leaves, animals, spiderwebs, and keep the area around free of snow and ice. The appliance will not function properly if the intake air or exhaust terminal is obstructed.

**Operating procedures**

**NOTICE**

**Risk of damage in frosty conditions.**

In frosty conditions there is a risk that water in pipes, taps and appliances could freeze. This can cause considerable damage.

- Before you fill water into appliances and parts that transport water, you must heat the installation area sufficiently so that the water cannot freeze.

Proceed as follows to fill the appliance with water:

1. Close open bypass lines (if present).
2. Turn on fresh water supply or switch on water pump.
3. Fill the water system.
   - Open all water-release points, e.g., cold and hot water taps, showers, toilets.
   - It is important that you bleed the water system before starting the appliance.
     - Once water flows continuously, the water system is vented. Close the water-release points.

Start the appliance as follows:

4. Make sure that the propane gas supply is turned on.
5. Switch on the 12 V power supply (RV).
6. Open the access door ("Opening the access door" on Page 8).
7. Switch on the appliance at the POWER switch. Refer to "Switching ON the appliance" on Page 8.
8. AquaGo™ comfort and AquaGo™ comfort plus: Select the desired operating mode (refer to “Operating modes (control panel)” on Page 10.
9. Close the access door (refer to “Closing the access door” on Page 8).

**WARNING**

**Scalding injuries caused by hot water!**

Water temperatures over 52 °C can cause severe burns or scalding and in extreme cases even death.

- Before using the hot water tap or using the shower, allow the hot water to run until the water temperature no longer increases.
- Test the temperature of the water before placing a child in the bath or shower.
- Do not leave a child or an infirm person in the bath unsupervised.

- There may be a variation between the temperature delivered from the appliance and the temperature at the tap due to water conditions or the length of pipe from the appliance.
- The presence of a flow restrictor in the hot water line may limit the water flow.

10. How to use hot water:
- To obtain the desired water temperature at the tap or in the shower, mix cold and hot water.
- Particularly when showering, wait until the water temperature has stabilised before entering or allowing other people or animals to enter the shower.

**Switching ON the appliance**

1. Open the access door ("Opening the access door" on Page 8).
2. To switch on the appliance, switch the POWER switch (Fig. 8 – 8) to one of the two "ON" positions.
   - Both ON positions on the POWER switch have the same function. Choose your preferred position.
     - When the green power ON LED 1 (Fig. 8 – LED 1) is lit, the appliance is switched on.
     - If the red error code LED 2 (Fig. 8 - LED 2) is lit / flashes, there is a fault or warning. (refer to “APPENDIX A – Error Codes” on Page 27).

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**Fig. 8**
AquaGo™ basic
• The operating mode is set automatically to “BASIC”.
• The appliance is now ready for use.
• Water temperature at outlet is approximately 49 °C.

AquaGo™ comfort / AquaGo™ comfort plus
• The appliance is now ready for using the control panel inside your vehicle. Refer to “Operating modes (control panel)” on Page 10.

Operating modes (control panel)
AquaGo™ comfort / AquaGo™ comfort plus
A control panel to select the operating mode is included with the delivery.

With the rotary switch (Fig. 9) you can choose between the following operating modes:

<table>
<thead>
<tr>
<th>Sign</th>
<th>Operating mode / Description</th>
</tr>
</thead>
</table>
| ECO  | The appliance is now running in energy-saving mode.  
- Water temperature at outlet is approximately 49 °C.  
- Prevention of freezing by using propane gas. The temperature in the appliance is automatically kept above 5 °C.  
- During operation, the yellow status LED 3 is lit. |
| COMFORT | The appliance is now running in a mode that provides rapid availability of hot water.  
- Water temperature at outlet is approximately 49 °C.  
- Standby heat. The temperature in the appliance is automatically kept above 39 °C.  
- During operation, the yellow status LED 3 is lit. |
| Off  | Stand-by. The appliance is not running in any operating mode.  
- The yellow status LED 3 is off. |
| ANTIFREEZE | Prevention of freezing using 12 VDC electricity:  
- Operating mode with installed electric anti-freeze kit (available as an accessory) and appliance switched on. The temperature in the appliance is automatically held above 5 °C.  
- During operation, the yellow status LED 3 is lit. |

LED 3 lit – Appliance is switched on
LED 3 is off – Appliance is switched Off.  
LED 3 is off – See “Troubleshooting” on Page 17.
Every 7 s, LED 3 is interrupted for 1 s – The appliance must be decalcified
LED 3 flashes slowly 1 s on, 1 s off – Decalcification mode has been activated
LED 3 flashes quickly – Before you use the water system you must rinse it (see step f) “Rinse the water system” on Page 15.
LED 3 flashes 2 x briefly after a break – There is a fault in the appliance. The exact fault diagnosis must be determined via error LED 2. Refer to “APPENDIX A – Error Codes” on Page 27.
- Risk of freezing, the temperature in the appliance is below 3 °C.

Clean
DEcalcification
For safety reasons, after 30 seconds the decalcification process cannot be stopped until the system has been rinsed in accordance with the instructions. See "Interrupt decalcification" on Page 16.

Description of the yellow status LED 3
(see Fig. 9 – LED 3)

Switching OFF the appliance
1. AquaGo™ comfort / AquaGo™ comfort plus
Set the control panel to “Off”.
2. Open the access door ("Opening the access door” on Page 8).
3. Switch off the appliance at the POWER switch (Fig. 8). The green Power-ON LED 1 (Fig. 8) extinguishes.
4. Close the access door ("Closing the access door” on Page 8).
5. If the appliance is not needed, turn off the gas supply to the appliance.

If you intend to place the RV into storage or turn off the appliance during freezing temperatures, refer to “Winterising” on Page 11.
Winter operation

**NOTICE**

Risk of damage in frosty conditions.

In frosty conditions there is a risk that water in pipes, taps and appliances could freeze. This can cause considerable damage.

- **Never operate the AquaGo™ basic in frosty conditions, this model must be winterised (refer to “Winterising” on Page 11).**
- Winter operation will not protect the RV’s entire water system. Water lines, taps, water tanks and the external water valves and the vehicle must be heated separately.
- The RV must be designed for winter use/freezing conditions.
- The water pipes in the RV must be ice-free to operate the AquaGo™ comfort / AquaGo™ comfort plus in winter. Otherwise, there is no water flow and the appliance does not start.

*Only AquaGo™ comfort / AquaGo™ comfort plus*

When the vehicle is standing, to -20 °C

- The appliance has a built-in thermostat that will start the burner and the circulation pump whenever the temperature in the appliance falls below +5 °C. The burner will automatically shut off when it senses a temperature above 44 °C. You must leave the mode switch in the “ECO” or “COMFORT” position.
- **NOTICE:** For the appliance to operate properly, you must ensure a constant supply of power (12 V), propane gas, sufficient water in the system, and you must leave the appliance powered “ON”. The water system must be bled so that the circulation pump works.
- **NOTICE:** If the vehicle is standing and ambient temperatures are below -20 °C, the appliance must not be operated and must be winterised. To winterise the appliance (refer to “Winterising” on Page 11).

While driving (or if there is no gas supply), to -20 °C

- **NOTICE:** Gas must not be used for heating while the vehicle is in motion. Ask your dealer / vehicle manufacturer about options for heating your RV while driving.
- An electric antifreeze kit is available as an accessory (ask your dealer). With this kit, the appliance can be kept frost-free while you are driving or if there is no gas supply (to ambient temperatures of -20 °C). The electric antifreeze kit includes detailed instructions.
  - **NOTICE:** While the vehicle is in motion and at ambient temperatures below -20 °C the appliance must not be operated and must be winterised. To winterise the appliance (refer to “Winterising” on Page 11).

Winterising

**NOTICE**

Severe damage to the water system components and the appliance!

Any damage caused by freezing or an unsuitable winterising fluid will not be covered by warranty.

- Follow the recommendations below if the appliance will be stored under freezing conditions or for an extended period of time.
- Winterise the appliance at the start of the winter season or before travelling to a location where freezing conditions are likely.

If your RV is equipped with a bypass around the appliance, separate the appliance from the water system with the bypass.

Winterising the appliance

To winterise the appliance, drain all water from the appliance (see ”Draining the water and cleaning the water inlet filter” on Page 12).

Once the water has been drained, the appliance is protected against freezing conditions.

**Winterising the RV with a winterising fluid**

- Winterising the RV with a winterising fluid is only possible with an installed bypass kit (not in scope of delivery)

- Refer to the connection diagram “Connection diagrams” on Page 22 for all letters referred to in the following description.

**Winterising AquaGo™ basic / AquaGo™ comfort**

1. Close valves A and B.
2. Open valve C.
3. Drain the appliance (see ”Draining the water and cleaning the water inlet filter” on Page 12).
4. Flush the RV’s water system with a suitable winterising fluid according to the supplier’s or RV manufacturer’s guidelines.

**Winterising AquaGo™ comfort plus**

1. Close valves A, B and E.
2. Make sure that valve D remains in the closed position.
3. Open valve C.
4. Drain the appliance (see ”Draining the water and cleaning the water inlet filter” on Page 12).
5. Flush the RV’s water system with a suitable winterising fluid according to the supplier’s or RV manufacturer’s guidelines.
6. Close all taps (if open).
7. Open valve D.
8. Wait until winterising fluid has drained. Collect escaping fluid in a suitable vessel.
9. Close valve D.
**AquaGo™ technical data**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal input power</td>
<td>61.9 MJ/h</td>
</tr>
<tr>
<td>(calorific value)</td>
<td></td>
</tr>
<tr>
<td>Fuel</td>
<td>propane gas</td>
</tr>
<tr>
<td>Fuel inlet pressure</td>
<td>2.62 – 3.49 kPa</td>
</tr>
<tr>
<td>Fuel manifold pressure</td>
<td>0.32 – 2.49 kPa</td>
</tr>
<tr>
<td>Nominal voltage</td>
<td>12 V DC (&lt; 1 V&lt;sub&gt;re&lt;/sub&gt;)</td>
</tr>
<tr>
<td><strong>Power input</strong></td>
<td></td>
</tr>
<tr>
<td>AquaGo™ basic</td>
<td>&lt; 1.5 A</td>
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<tr>
<td>AquaGo™ comfort</td>
<td>&lt; 2.5 A</td>
</tr>
<tr>
<td>AquaGo™ comfort plus</td>
<td>&lt; 2.5 A</td>
</tr>
<tr>
<td>Water operating pressure</td>
<td>450 kPa maximal</td>
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<tr>
<td>Standard water outlet temperature</td>
<td>49 °C</td>
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<tr>
<td>Water volume</td>
<td>1.3 litres</td>
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<tr>
<td><strong>Ambient temperature</strong></td>
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<tr>
<td>AquaGo™ basic</td>
<td>+5 °C…+40 °C</td>
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<tr>
<td>AquaGo™ comfort</td>
<td>-20 °C…+40 °C</td>
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<tr>
<td>AquaGo™ comfort plus</td>
<td></td>
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<tr>
<td><strong>Dimensions (without flange and cover plate)</strong></td>
<td></td>
</tr>
<tr>
<td>mm</td>
<td>Width</td>
</tr>
<tr>
<td>------</td>
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<td>318</td>
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<tr>
<td><strong>Dimensions of cover plate</strong></td>
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<tr>
<td>Size XS</td>
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<tr>
<td>mm</td>
<td>384</td>
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<tr>
<td>Standard</td>
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</tr>
<tr>
<td>mm</td>
<td>450</td>
</tr>
<tr>
<td>Adapter</td>
<td></td>
</tr>
<tr>
<td>mm</td>
<td>510</td>
</tr>
<tr>
<td><strong>Installation cutout and depth</strong></td>
<td></td>
</tr>
<tr>
<td>mm</td>
<td>Width</td>
</tr>
<tr>
<td>------</td>
<td>-------</td>
</tr>
<tr>
<td></td>
<td>324</td>
</tr>
<tr>
<td>Weight unit without access door</td>
<td>(approx.) 15.5 kg</td>
</tr>
<tr>
<td>Weight access door standard and access door XS</td>
<td>(approx.) 1.3 kg</td>
</tr>
<tr>
<td>Weight access door adapter kit</td>
<td>(approx.) 2.5 kg</td>
</tr>
</tbody>
</table>

* Depending on application
**Recommended

---

**Maintenance**

Repairs must be performed by a certified service technician. Truma recommends that the appliance be serviced annually by a certified service technician. Verify proper operation after servicing.

⚠️ **WARNING**

High temperatures or repair attempts while the gas supply is turned on may result in scalding injuries!

- Turn OFF the electrical power supply and the gas supply before starting maintenance and repair work.
- Allow the appliance to cool down.
- Never actuate the pressure relief valve as long as the appliance is still hot.

⚠️ **CAUTION**

Injuries caused by the Easy Drain Lever!

- Never actuate the Easy Drain Lever as long as the appliance is under water pressure and/or is still hot.

⚠️ **CAUTION**

Sharp edges can cause cuts and injury!

- Always wear protective gloves to avoid injuries from sharp edges during maintenance work.

Draining the water and cleaning the water inlet filter

To keep the appliance fully functional, clean the water inlet filter at least once a year.

1. **AquaGo™ comfort / AquaGo™ comfort plus**
   - Set the control panel to “Off”.

2. Remove the access door ("Removing the access door“ on Page 8.)

3. Switch OFF the appliance at the POWER switch.

4. Open a hot water tap and wait for cold water.

5. Turn OFF the water supply or switch OFF the water pump.

6. Leave the hot water tap open in order to depressurise and vent the water system.

⚠️ **CAUTION**

Injuries caused by the Easy Drain Lever!

When the Easy Drain Lever is folded out, it protrudes beyond the side wall of the vehicle.

- When walking past or bending over, make sure that you and others have sufficient distance.

7. Open the latch with your thumb while pulling the Easy Drain Lever down as far as it will go.

8. Remove the water inlet filter (or heating cartridge) as shown in Fig. 10 and clean it with clean water.

9. Inspect the O-rings on the water inlet filter (or heating cartridge) for cracks. Change the filter assembly (see, “APPENDIX C – Spare Parts (all models)” on Page 31) if there are cracks.
Easy Drain Lever

Water inlet filter *

Top

O-rings

Latch

**CAUTION**

Danger of crushing/pinching of fingers when the Easy Drain Lever is closed!

- Never put fingers between Easy Drain Lever and water inlet filter or latch.

If, during installation, it is difficult to install the filter cartridge, use a small amount of soap on the O-rings. Never use grease because the O-rings are not resistant to grease.

10. Install the water inlet filter (or heating cartridge) as shown in Fig. 10. Observe the correct installation position and close the Easy Drain Lever until it is locked by the latch.

You can hear a “clicking” sound as the Easy Drain Lever engages.

11. Insert and close the access door ("Closing the access door" on Page 8).

* or heating cartridge

Fig. 10
Decalcification

Risk of damage in frosty conditions.

In frosty conditions there is a risk that water in pipes, taps and appliances could freeze. This can cause considerable damage.

- Do not decalcify the appliance in frosty conditions.

Decalcification frequency

Lime scale occurs especially as a result of precipitation from “hard” water. The appliance must be decalcified regularly depending on water hardness and hot water consumption.

<table>
<thead>
<tr>
<th>Water hardness</th>
<th>Very hard &gt;180</th>
<th>Hard 121 - 180</th>
<th>Moderately hard 61 - 120</th>
<th>Soft 0 - 60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use</td>
<td>few*</td>
<td>normal*</td>
<td>frequent*</td>
<td></td>
</tr>
<tr>
<td>hot water consumption</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>few -&gt; approximately</td>
<td>2400 l/Year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>normal -&gt; approximately</td>
<td>6000 l/Year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>frequent -&gt; approximately</td>
<td>24000 l/Year</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Decalcification (models without control panel)

Models without control panel:

- AquaGo™ basic

You can have these models decalcified by a Truma service partner. Please contact the following address:

Dometic Pty Ltd, Building 3B,
Clayton Business Park,
1508 Centre Road, Clayton, Victoria, 3168,
Australia

Telephone: +61 (0)3 92 39 10 50
Fax: +61 (0)3 92 39 10 99

Refer to the table on Page 14 in “Decalcification frequency” for the decalcification frequency.

Decalcification (models with control panel)

AquaGo™ comfort / AquaGo™ comfort plus

An integrated water consumption meter recognises (after hot water consumption of approx. 6000 l) that decalcification is necessary. The assumed water hardness is “hard” and cannot be changed. The yellow status LED 3 (Fig. 9) indicates that decalcification is necessary (goes off briefly about every 7 seconds).

WARNING

The use of non original Truma AquaGo™ decalcification tablets (e.g. vinegar) for decalcification can cause chemical reactions and produce hazardous substances that could enter the drinking water supply.

- Do not mix Truma AquaGo™ decalcification tablets with other substances to avoid chemical reactions and production of hazardous substances.

- Only use Truma AquaGo™ decalcification tablets to decalcify the appliance to avoid:
  - chemical reactions and production of hazardous substances,
  - damage to your appliance,
  - and the voiding of your warranty.

- Call your local AquaGo dealer or service provider or see www.truma.com for more information to obtain Truma AquaGo™ decalcification tablets.

Irritation of skin and eyes in case of contact with decalcification agent

Wear protective gloves, eye protection and face protection to avoid contact.

- Never use the water supply in the RV during decalcification
- In case of skin contact with the decalcification agent, immediately rinse the affected area with plenty of water.
- In case of eye contact, hold eyelid open and rinse with running water for 10 – 15 min. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist.
- If you swallow the decalcification agent, immediately rinse your mouth and drink plenty of water in small sips. Do not vomit. Consult a doctor.

During decalcification, you must also observe the following

- Damage to the appliance if decalcification is interrupted.
  - You must complete the decalcification process and then rinse thoroughly with clean water.
  - Allow about 3 hours for decalcification. The appliance works on its own for most of this time.
- Sensitive surfaces (e.g. marble) may be damaged through contact with the decalcification agent.
  - Immediately remove splashes of decalcification agent on these surfaces.

a) Preparing for decalcification

For safety reasons, once the decalcification process has started it must not be stopped until the system has been rinsed (see process f). All operating modes of the appliance are blocked until decalcification has been completed.

Tasks within the RV

- Set the control panel to “Off”.
- Turn OFF the water supply or switch OFF the water pump.
- Open a hot water tap to relieve pressure in the system.
- On all water taps attach the warning sign “Caution decalcification in progress” in a clearly visible position. Warning signs are enclosed with the decalcification tablets.
b) Drain the water system

Tasks outside the RV
- Remove the access door (refer to “Removing the access door” on Page 8)
- Switch OFF the appliance at the POWER switch
- Drain the water system and remove the water inlet filter. Do this, please refer to “Draining the water and cleaning the water inlet filter” on Page 12, Steps 4 to 8.

**NOTICE** You must use the water inlet filter for de-calcification (included with the delivery Fig. 1 – 11a). If you are using an electric antifreeze kit, it must be removed and be unplugged from the power supply before decalcification (see Fig. 11).

Fig. 11

c) Introduce the decalcification agent

Tasks outside the RV
- **WARNING** Irritation of skin and eyes in case of contact with decalcification agent. Wear protective gloves, eye protection and face protection to avoid contact.
- Fill the water inlet filter with 6 Truma AquaGo™ decalcification tablets (content of one blister pack).

Fig. 12
- Re-insert the water inlet filter. See Step 9 in “Draining the water and cleaning the water inlet filter” on Page 12.
- Switch ON the appliance at the POWER switch.

d) Fill the water system

Tasks within the RV
- Turn on fresh water supply or switch on water pump
  - The decalcification tablets dissolve in water quickly (approx. 10 minutes). So that the decalcification agent is not rinsed out, when filling, run the water only as long as necessary. The Truma decalcification tablets colour the water slightly red.
- Fill the water system.
  - Open all water-release points, e.g., hot water taps, showers, toilets.
  - Once water flows uniformly, the water system is vented.
  - Close the water-release points.

You must bleed the water system thoroughly otherwise the circulation pump cannot circulate the decalcification solution.

e) Start decalcification

Tasks within the RV
- Set the control panel to “Clean”.
  - If decalcification does not start, switch the appliance on at the POWER switch.

f) Rinse the water system

Tasks within the RV
- Open all water-release points, e.g., hot water taps, showers, toilets.
- Run the water until the status LED 3 (Fig. 9) on the control panel goes out.
- Set the control panel to “Off”.
- Close all water-release points.
- Turn OFF the water supply or switch OFF the water pump.
- Open a hot water tap to relieve pressure in the system.

To make sure that the appliance and the water pipes contain no decalcification agent, empty the water system again and refill it.

Tasks outside the RV
- Close the access door. Refer to “Closing the access door” on Page 8.

You have to switch the appliance off and on to unblock decalcification and enable further operation.
g) Fill the water system

<table>
<thead>
<tr>
<th>Tasks within the RV</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Turn on fresh water supply or switch on water pump.</td>
</tr>
<tr>
<td>• Fill the water system.</td>
</tr>
<tr>
<td>– Open all water-release points, e.g., hot water taps, showers, toilets.</td>
</tr>
<tr>
<td>– Once water flows uniformly, the water system is vented.</td>
</tr>
<tr>
<td>– Close the water-release points.</td>
</tr>
<tr>
<td>• Before you use the water system and the appliance, check the colour of the water at all taps:</td>
</tr>
<tr>
<td>– Slightly red -&gt; rinse again.</td>
</tr>
<tr>
<td>– Clear -&gt; decalcification is finished.</td>
</tr>
<tr>
<td>• Remove the warning signs “Caution decalcification in progress”.</td>
</tr>
</tbody>
</table>

Interrupt decalcification

Decalcification is indicated through slow flashing (1 s on, 1 s off) of the status LED 3 (Fig. 9) on the control panel.

- Decalcification can be interrupted by switching the control panel to “Off”.
  - Decalcification is interrupted after about 2 s.
  - The status LED 3 (Fig. 9) on the control panel flashes quickly.

⚠️ WARNING ⚠️ Irritation of skin and eyes in case of contact with decalcification agent. Wear protective gloves, eye protection and face protection to avoid contact.

- First you must take out the water inlet filter and remove any Truma AquaGo™ decalcification tablets that it may contain.
  - To take out the water inlet filter, refer to “Draining the water and cleaning the water inlet filter” on Page 12.
  - Dispose of Truma AquaGo™ decalcification tablets in accordance with local laws and regulations.

- Before you use the water system again, you must rinse it (see Step f) “Rinse the water system” on Page 15) and fill it with water (see Step g) “Fill the water system” on Page 16).

## Accessories

**Electric antifreeze kit** *
Truma offers an Electric antifreeze kit (part no. 77400-01) that keeps the appliance frost-free to -20 °C while you are driving or if there is no gas supply. To operate the kit, you need a 12 V (120 W) power supply from the vehicle’s on-board system. Ask your dealer.

* For AquaGo™ comfort and AquaGo™ comfort plus.

**Truma AquaGo™ decalcification tablets**
Truma offers decalcification tablets (part no. 77300-01) to decalcify AquaGo™ comfort / AquaGo™ comfort plus.

**Truma Rear installation gas connection kit**
Truma offers a Rear installation gas connection kit (part no. 77000-37500) if installation from the back of the appliance is required.

**Truma AquaGo™ Comfort upgrade kit**
Truma offers a kit (part. no. 77000-00005) to upgrade from AquaGo™ basic to AquaGo™ comfort.
## Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Potential cause</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No hot water at the tap</td>
<td>Gas supply is turned off or interrupted.</td>
<td>Check and/or turn on gas supply.</td>
</tr>
<tr>
<td></td>
<td>Gas tank is empty.</td>
<td>Refill/replace the gas tank.</td>
</tr>
<tr>
<td></td>
<td>The appliance is switched off.</td>
<td>Switch on the appliance according to instructions (“Operating procedures” on Page 9).</td>
</tr>
<tr>
<td></td>
<td>Fresh water supply is turned off.</td>
<td>Open the fresh water supply.</td>
</tr>
<tr>
<td></td>
<td>Power supply to the appliance is switched off.</td>
<td>Switch on power supply to the appliance.</td>
</tr>
<tr>
<td></td>
<td>Defect in the appliance.</td>
<td>LED 2 blinks red (refer to “APPENDIX A – Error Codes” on Page 27) and contact a certified service technician if necessary.</td>
</tr>
<tr>
<td>Boiling noises</td>
<td>Too much lime scale in the appliance.</td>
<td>The appliance must be decalcified (refer to “Decalcification” on Page 14).</td>
</tr>
<tr>
<td>Hot water temperature too low.</td>
<td>Gas flow to the appliance is too low (gas inlet pressure &lt; 2,62 kPa).</td>
<td>Consult vehicle documentation to determine if gas supply is capable of providing the necessary volume of gas for the appliance. Contact a service technician to verify a suitable gas installation.</td>
</tr>
<tr>
<td></td>
<td>Volume flow of hot water is too high and/or the temperature of cold water reaching the appliance is too low.</td>
<td>Turn down hot water at the tap or in the shower in order to reduce volume flow. Potentially retrofit a volume flow throttle into the water system. This must be performed only by a certified service technician.</td>
</tr>
<tr>
<td>Water escaping at pressure relief valve.</td>
<td>Water pressure in water system too high.</td>
<td>Adjust the water pump pressure to a maximum of 450 kPa. If the water system is connected to a central water supply higher than 450 kPa (4.5 bar) (rural or urban connection), a water pressure reducer must be used. Install a water pressure reducer (e.g. Truma water pressure regulator) at the fresh water supply.</td>
</tr>
<tr>
<td></td>
<td>Water cannot expand in the water system.</td>
<td>Contact the vehicle manufacturer about retrofitting a pressure compensation element.</td>
</tr>
<tr>
<td></td>
<td>Lime or dirt under the pressure relief valve seat.</td>
<td>Allow the appliance to cool and then slowly raise the test lever (Fig. 3 – 4a) to flush the water system and attempt to force dirt or foreign matter out of the pressure relief valve seat. Replace pressure relief valve. This must be performed only by a certified service technician.</td>
</tr>
<tr>
<td>Water escaping at the water inlet filter</td>
<td>Lime or dirt under the O-ring seats.</td>
<td>Clean the O-rings and their corresponding sealing surfaces with clean water.</td>
</tr>
</tbody>
</table>

### AquaGo™ comfort / AquaGo™ comfort plus

<table>
<thead>
<tr>
<th>Problem</th>
<th>Potential cause</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The yellow LED 3 is off although an operating mode was selected.</td>
<td>Power switch is OFF.</td>
<td>Switch ON the appliance at the POWER switch.</td>
</tr>
<tr>
<td></td>
<td>Power supply to the appliance is switched off.</td>
<td>Switch on power supply to the appliance.</td>
</tr>
<tr>
<td></td>
<td>The power supply was interrupted.</td>
<td>Reset by switching OFF at the control panel, waiting 2 seconds and then switching on again.</td>
</tr>
</tbody>
</table>
**Truma warranty policy**

The warranty is given by

Dometic Pty Ltd, Building 3B,
Clayton Business Park,
1508 Centre Road, Clayton, Victoria, 3168,
Australia

for 24 months from the date of purchase against any defect arising from faulty materials or workmanship.

Repairs will be carried out during normal business hours only by Dometic Pty Ltd, or its duly authorised service agents, and are subject to the warranty conditions and exclusions hereunder.

**Warranty conditions**

- The company will only provide service on presentation of proof of purchase, on either the Truma product, or the Caravan / RV / Pleasure Craft in which the Truma product has been installed, to any authorised service agent. The purchaser must allow the service agent to photocopy the proof of purchase to facilitate his claim to the manufacturer.

- Warranty repairs can only be performed by authorised service agents and under no circumstances will Dometic reimburse repairs carried out by unauthorised persons. Tampering with any part of the product by unauthorised personnel will automatically void the warranty.

- The product must be used solely for domestic purposes. If the product is used for commercial purposes the warranty is 6 months only.

- Where applicable, the products must be used on the appropriate electrical voltage, gas type and pressure, or fuel source.

- If at any time during the warranty period any part or parts are replaced with a part or parts not supplied or approved by Truma, this warranty shall immediately become void.

**Important notice**

Before calling a service technician please check carefully the operating instructions, warranty terms and conditions. If the product fails for any of the reasons detailed therein, or is faulty due to abuse, misuse or improper installation, then a service fee shall be charged to the purchaser.

If you have any queries regarding the interpretation of the warranty you should contact Dometic Pty Ltd.

Whilst this book represents service outlets at the time of printing, changes occur from time to time. Should you have any queries or wish to locate your nearest authorised service agent please contact Dometic Pty Ltd.

**Warranty does not cover**

Any heater which has been:

(a) Subject to misuse, neglect, accident or alteration by any person.

(b) Damaged or destroyed by fire, flood, act of God or other inevitable accident.

- Fair wear and tear.

- Damage from foreign substances such as dirt or liquid.

- Travelling expenses or call out fee to and from authorised service agents premises.

- Accommodation or Site Expenses.

- Cleaning of the system or cleaning and adjustment of the gas system. This is considered to be a part of normal product maintenance.

- Heater not operating or resultant damage to the unit because it has not been operated in a level position.

- Freight cost of the appliance or parts, to or from, point of service or transit damage.

- Dometic / Truma are not responsible for resultant loss or damage sustained by the purchaser.

- Appliance not operating or resultant damage to the unit where the appliance has not been installed, ventilated, flued or operated in accordance with the manufacturer’s instructions.

Apart from any warranties implied by the Trade Practices Act 1974 or any relevant State legislation all other warranties express or implied whether arising by virtue of statute or otherwise are hereby excluded.
Read, observe, and follow these safety instructions to avoid injuries during installation or operation.

Safety behaviour and practices

- **This appliance must be installed in accordance with the Australian gas code AS/NZS 5601.**

- Installation must be performed by an authorised Truma recommended installer, service agency, or OEM. Improper installation, alteration, service, or maintenance can cause property damage, personal injury, or loss of life.
  - Do not attempt installation as a Do-it-Yourself project.

- Install in recreational vehicles (RVs) only.
  - Install the appliance on an exterior wall, with the access door opening to the outside.
  - Install the appliance in the direction shown.

- Switch off the vehicle’s on-board power supply during installation and when connecting the appliance.

- Close the vehicle’s gas supply during installation and when connecting the appliance.

- Always wear protective gloves to avoid injuries from sharp edges during installation and maintenance work.

- Handle the appliance only by lifting or grabbing the metal casing. Never lift or grab the appliance by any of its delicate interior components.

- Make sure that all combustion air is supplied from outside the RV. DO NOT draw air for combustion from occupied spaces.

- Make sure that all exhaust gases are directed outside of the RV.
  - Protect building materials from exhaust gases.
  - Never direct the exhaust gases to any outdoor enclosed spaces, such as a porch.

- Any alteration to the appliance or its controls can cause unforeseen serious hazards and will void the warranty.

- DO NOT alter the appliance for a positive grounding battery system.

- DO NOT shorten the power cable or remove the sticker that indicates polarity.

- DO NOT perform a hi-pot test on the appliance unless the electronic ignition system (circuit board) has been disconnected. A hi-pot test applies a very high voltage between two conductors.

- DO NOT use a battery charger to supply power to the appliance, even when testing.

- If the vehicle requires welding DO NOT connect the 12 V DC power to the appliance. Electrical welding will cause serious damage to the appliance controller.

### Selecting a suitable location

The appliance is designed to be installed on a floor or a fixed platform with access to water. Electrical connections are established at the back. Gas access is from the side or from the rear.

The appliance is designed exclusively for installation on an outside wall of a RV.

Installation of the appliance on the back of a trailer is not advised because of high pollution caused, e.g., by dirty and wet roads.

#### WARNING

**Risk of poisonous exhaust gases due to improper installation!**

- Make sure that the appliance is installed as described below.

- **DO NOT install the appliance in any location where the vent may be covered or obstructed when any door or window on the RV is opened or due to the design of the RV or due to special features of the RV such as slide-out, pop-up, etc.**

- **DO NOT install on a swing door.**

- **The distance from openings / windows must comply with AS/NZS 5601.**

- **The distance to corner of vehicle must comply with AS/NZS 5601.**

- **The distance from gas bottle must comply with AS/NZS 5601.**

### Preparing for installation

#### CAUTION

**Sharp edges can cause cuts and injury!**

- Always wear protective gloves to avoid injuries from sharp edges during installation work and while handling the appliance.

### Preparing the installation site

1. Make sure that the appliance is in contact with the vehicle floor or a platform with adequate weight-bearing capacity when installed.

2. To install on a carpeted area, install a metal or wood panel under the appliance that extends at least 7.6 cm beyond the width and depth of the appliance.

3. If escaping water may damage components or the vehicle, install a collection pan below the appliance. Direct the flow of water from the pan to outside the vehicle.
4. Make sure that the front edge of the opening is surrounded by a solid frame to firmly anchor the appliance. If needed, build an appropriate frame (Fig. 13) with the following dimensions:

- Width a = 324 mm
- Height b = 324 mm
- Depth c = > 450 mm

Fig. 13

- The required depth “c” depends on how the water hoses, electrical connection cable, and gas line are installed. The depth “c” must be determined for the particular situation before installation.

- The corners of the rough opening must be at right angles. The exterior wall opening must be the same dimensions with no rounded corners.

- An access door adapter kit is available for replacing existing water heaters, with a large cut-out in the outer wall of the RV. The adapter plate must be installed before the appliance is installed. The access door adapter kit includes detailed installation instructions.

5. Make sure you have suitable screws ready:

- Without access door adapter kit
  In order to securely fasten the appliance and the cover plate, the screws must be suitable for the chosen frame material and have a diameter of 3.5 mm to 4.2 mm.
  - **NOTICE:** Never use countersunk screws to secure the cover plate, as it will be damaged (tear). Use pan head screws.
  - For the length of the screws follow the screw manufacturer’s guidelines.

- With access door adapter kit
  You must use the 22 screws (4.2 x 13 mm) that are included with the access door adapter kit.
  - 14 x for fixing: appliance with adapter plate.
  - 8 x for fixing: cover plate with adapter plate.

Preparing the gas connection

**WARNING**

**Risk of explosion due to improper installation of the gas connection!**

- Make sure that the operating pressure of the gas supply corresponds to the operating pressure of the appliance 2.62 – 3.49 kPa.

For correct installation, you must also observe the following:

- The gas connection (SAE 45° Flare Male – SAE J512, 5/8 inch – 18) is located inside the appliance.

Fig. 14

- Make sure that the gas line to the appliance is able to supply the maximum required quantity of gas 61.9 MJ/h, without the gas pressure on the gas connector of the appliance falling below 2.62 kPa.

- Consider the space needed to lay the gas line and integrate the appliance when planning the installation space.

- Guide the gas line into the installation space so that the appliance may be removed and reinstalled if service or repairs are needed.

- Allow sufficient length and flexibility in the gas line for connection or disconnection of the gas line.

- Reduce the number of separation points in the gas line to the technically required number.

- Avoid separation points in the gas line in spaces used by people.

- Ensure that the gas connection from the vehicle is in place before installing the appliance.

**Gas side connection**

**DANGER**

**Risk of explosion due to improper installation of the gas side connection!**

- Use rigid metal 3/8 inch pipes (complies to 1/2 inch (12.7 mm) outside diameter) for the side gas connector of the appliance to the gas system of the RV.

- In exceptions, flexible gas hoses may be used for the side gas connector. The following 4 conditions must be met:
  1. Guidelines, laws or regulations allow the use of flexible gas hoses in this application.
  2. The flexible gas hoses are **certified** for this type of application.
  3. The flexible gas hoses can be inspected easily over their entire length.
  4. New flexible gas hoses are used for the installation.

The gas line is guided into the appliance from the side. A hole with a gas pipe grommet (side) is provided in the unit casing for this purpose.

- Slide the appliance carefully into the installation space until the installation frame makes contact.

- Make sure that the gas line connects vertically with the appliance’s gas connection and without tension.

- If the connection is OK, push the gas line back. It will be connected in a later step.
Preparing the water connection

All water connections at the appliance are 1/2 inch NPT male connections.

- Use only pressure pumps in the water system, not immersion pumps, as air in the water system could cause malfunctions.
- The network of lines must be planned before installation (“Connection diagrams” on Page 22).
- Keep the length of the water pipes as short as possible.
- Because of the risk of frost, install water pipes only in adequately heated areas of the RV.
- Avoid thermal bridges.
- Install water pipes in a rising direction so that air in the pipes can escape.
- For AquaGo™ comfort plus protect the circulation line against heat loss with sufficient insulation material.
- Use a suitable connector with a seal for establishing the water connection to the appliance.
- Use of flexible water hoses of at least 1/2 inch diameter is preferred.
- Make sure that all water hoses are installed without kinks.
- Make sure that the water connections from the vehicle are in place before installing the appliance.

Preparing the 12 VDC electrical connection

All electrical connections must be made in compliance with all national, regional or local electrical codes.

- Use only insulated terminals for all electrical connections.
- The positive line must be fused with a 7.5 A fuse near the battery’s positive terminal.
- The power supply cable must have a diameter of at least:
  - 16 AWG (1.5 mm² MWG) for up to 12 m length (bidirectional)
  - 14 AWG (2.0 mm² MWG) for up to 20 m length (bidirectional)
- Establish the 12 VDC electrical connections according to the connection diagram “Electrical connection for all models” on Page 22.
- To ensure reliable operation:
  - Provide a constant voltage supply.
  - Filter any AC spikes or voltage surges.
  - The AC voltage ripple must not exceed 1 Vpp.
- Make sure that the electrical connections from the vehicle are in place before installing the appliance.

Risk of explosion when using flexible gas hoses with a gas rear connection.

- Flexible gas hoses can leak due to the high temperatures in the appliance.
- You must use rigid metal 3/8 inch pipes (complies to 1/2 inch (12.7 mm) outside diameter) for a gas rear connection.

Scope of delivery:
- A brass elbow with a 45° SAE flare style fitting,
- a plug,
- gas pipe grommet (rear) and
- cable tie are included.

Fig. 15

- Open the pre-punched hole on the rear side of the appliance.
- Insert the gas pipe grommet (rear) in this hole (pay attention to the direction).

Fig. 16

Risk of a short circuit and hazardous situations due to improper installation of the electrical connection!

- Use only insulated terminals for all electrical connections.
- The positive line must be fused with a 7.5 A fuse near the battery’s positive terminal.
- The power supply cable must have a diameter of at least:
  - 16 AWG (1.5 mm² MWG) for up to 12 m length (bidirectional)
  - 14 AWG (2.0 mm² MWG) for up to 20 m length (bidirectional)
- Establish the 12 VDC electrical connections according to the connection diagram “Electrical connection for all models” on Page 22.
- To ensure reliable operation:
  - Provide a constant voltage supply.
  - Filter any AC spikes or voltage surges.
  - The AC voltage ripple must not exceed 1 Vpp.
- Make sure that the electrical connections from the vehicle are in place before installing the appliance.

Risk of a short circuit and hazardous situations due to improper installation of the electrical connection!
Connection diagrams

- The drawings are not intended to describe a complete system. It is up to the certified service technician to determine the necessary components for and configuration of the particular system being installed (for example an additional surge protector).
- The drawings do not imply compliance with state or local code requirements or regulations. It is the certified service technician’s responsibility to make sure that the installation is in full compliance with all state or local code requirements or regulations.

AquaGo™ basic / AquaGo™ comfort

![Connection diagram for AquaGo™ basic / AquaGo™ comfort](image)

- Maximum pressure 450 kPa
- Inlet pressure 2.62 - 3.49 kPa
- LP gas supply (propane only)
- Inlet pressure 2.62 - 3.49 kPa

AquaGo™ comfort plus

![Connection diagram for AquaGo™ comfort plus](image)

- Maximum pressure 450 kPa
- Inlet pressure 2.62 - 3.49 kPa
- LP gas supply (propane only)
- Inlet pressure 2.62 - 3.49 kPa

Electrical connection for all models

Maximum length of the power supply cable (including cables for the optional switch):
- for 16 AWG or 1.5 mm² MWG: max. 12 m (bidirectional)
- for 14 AWG or 2.0 mm² MWG: max. 20 m (bidirectional)

![Electrical connection diagram](image)
Mounting the control panel
Only AquaGo™ comfort / AquaGo™ comfort plus

- **NOTICE** Damage to the control panel from wetness and moisture. You must install the control panel at a place inside the RV that is protected against moisture and wetness.

  - Install the control panel (Fig. 1-27) where it can be seen easily.
  - A 9 m control panel cable (27a) is included with the delivery.

- Drill a 54 mm diameter hole.

- Insert the plug (27b) on the control panel (27) until it clicks into place.

- Clamp the control panel cable (27a) in the cable duct of the control panel.

- **NOTICE** Damage to the control panel cable at temperatures above +60 °C. Do not install the control panel cable on or fix it to hot components.

  - Slide the control panel cable to the back and lay it to the appliance.

  - Fix the control panel with 4 screws (27d).

  - Install the cover frame (27e).

Fig. 20

---

Installing the appliance

Before installation, read “Preparing for installation” on Page 19 and the following.

**CAUTION**

Sharp edges can cause cuts and injury!

- Always wear protective gloves to avoid injuries from sharp edges during installation work and while handling the appliance.

- Slide the appliance carefully into the installation space until the installation frame makes contact.

- **NOTICE** Damage to the appliance and/or the RV! Do not use adhesive sealing material (e.g. silicone) for the watertight seal. Otherwise damage may occur when the appliance is moved during servicing.

  - The appliance must be installed with a watertight seal with the outer skin of the vehicle.

  To achieve the watertight seal:
  - Pull the appliance out = 5 cm.
  - Apply an adequate amount of watertight sealing material to the entire flange area of the installation frame and at the corners, see grey marking in Fig. 21.
  - Slide the appliance carefully into the installation space until the installation frame makes contact.

Fig. 21

- Screw the appliance into the vehicle’s frame with the prepared 14 screws. See “5. Make sure you have suitable screws ready:” on Page 20.

- Make sure that the unit casing corners are 90 degrees square so that the cover plate/access door fits properly.

Fig. 22

- Immediately remove all excess sealing material.

- **WARNING** Risk of death from poisoning and significant damage to the RV due to exhaust gas or leaking water!
  - Make sure that there is a tight seal and that no exhaust gas or water can enter the RV.

- Check and make sure that there is a tight seal.
• Fasten the cover plate to the appliance (see Fig. 23):
  – Position the cover plate.
  – Screw the cover plate only loosely. Start with screw 1.
  – Align the cover plate.
  – Uniformly tighten all 8 screws.

Fig. 23

Fig. 24

• **NOTICE** Damage to the appliance and the connections!
  – Make sure that no gas lines, water hoses or electrical lines are kinked or pinched.
  – When establishing the water connections, observe the installation instructions and torques specified by the manufacturer.

Fig. 25

Gas connection

**WARNING**
Risk of explosion or poisoning due to improper installation!

• Permit only a certified service technician to perform installation.
• Make sure that the manual shut-off valve in the gas line of the appliance is closed.
• Make sure that the gas line is centred and tension-free when it enters the grommet so that the gas line will not abrade the grommet.
• Make sure that the gas line has an SAE 45° Flare Female connector.

Additional rules for the appliance gas connector.

• Make sure that the gas line is free of dirt, chips, etc.
• Never use pipe dope on a flare fitting. The flare fitting is a dry seal.

Connecting the gas line (gas side connection)

• **Only AquaGo™ comfort / AquaGo™ comfort plus (with control panel)**
  – Feed the control panel cable (approx. 25 cm) from outside through the gas pipe grommet (side).
  – You must attach the snap ferrite around the control panel cable as shown in Fig. 26. Do not pinch the control panel cable or damage the snap ferrite.
  – Attach the control panel cable to the control unit.
  – Hook the control panel cable on to the clip.
• Guide the prepared gas line through the gas pipe grommet (side).

Fig. 26

• Screw the gas line’s union nut (wrench size 19 mm) onto the appliance’s gas connection so it is finger-tight.

• **NOTICE** Gas valve may be damaged during tightening! Use a second wrench to counterhold at the square end (wrench size 19 mm).
• Use a torque wrench to tighten the union nut (nominal torque 20 Nm).
• **WARNING** Risk of poisoning and/or explosion! Improper tightening of the cable tie could result in gas/exhaust entering the RV.

• Close the cable tie so that the gas pipe grommet (side) tightens the gas pipe passage (see Fig. 27).

A cable tie is provided with the appliance. You will find it fixed to the gas valve.

Fig. 27

Connecting the gas line (gas rear connection)

• Remove the gas pipe grommet (side).

• Slide the prepared gas pipe through the gas pipe grommet (rear) from behind so that the elbow fitting can be mounted.

Fig. 28

• **NOTICE** Gas line may be damaged during tightening! Use a second wrench to counterhold at the square end (wrench size 19 mm).

• Mount the elbow union (45° SAE flare style) on the gas pipe in the direction shown (see Fig. 29).

• Use a torque wrench to tighten the union nut (nominal torque 20 Nm) (brace against the elbow union with wrench size 14 mm).

**Fig. 29**

• Screw the gas line’s union nut (wrench size 19 mm) onto the appliance’s gas connection so it is finger-tight.

• **NOTICE** Gas valve may be damaged during tightening! Use a second wrench to counterhold at the square end (wrench size 19 mm).

• Use a torque wrench to tighten the union nut (nominal torque 20 Nm).

• **Only AquaGo™ basic (without control panel):**

  – Close the side hole with the plug.

**Fig. 30**

• **Only AquaGo™ comfort / AquaGo™ comfort plus (with control panel)**

  – **NOTICE** Damage to the control panel cable at temperatures above +60 °C. Do not install the control panel cable through the rear gas pipe connection. You must feed the control panel cable through the hole on the side.

  – Slide the side gas pipe grommet on to the control panel cable (bush points towards hole). The control panel cable must protrude by about 25 cm.

  – **WARNING** Risk of poisoning and/or explosion! Improper tightening of the cable tie could result in gas/exhaust entering the RV. Close the cable tie so that the side gas pipe grommet tightens the control panel cable passage.

  – Fix the side gas pipe grommet to the control panel cable with a cable tie.

A cable tie is provided with the appliance. You will find it fixed to the gas valve.
Checking for gas leaks

**WARNING**
Risk of death and personal injury through fire and/or explosion!
- DO NOT use matches, candles or other sources of ignition when checking for gas leaks.
- After the gas supply is connected, check for gas leaks at all gas connections. Use a gas leak detection liquid.

1. Turn OFF the electrical power supply.
2. **NOTICE** Damage to the appliance from test pressure higher than 15 kPa. Ensure that the test pressure is lower than 15 kPa.
3. Turn on the gas.
4. Check the appliance and all gas connections for gas leaks with leak detection liquid. - Bubbles indicate a gas leak that must be repaired.
5. Repair gas leaks as needed.
6. Repeat check for gas leaks at all gas connections.

**Functional check**
1. Start the appliance (refer to “Starting the appliance” on Page 9).
2. Check the appliance for proper functionality.
   - If faults occurring during operation of the appliance, refer to “Troubleshooting” on Page 17.
3. Provide operating and installation instructions to the vehicle owner.

The appliance is now ready for normal operation and use.


**APPENDIX A – Error Codes**

If the appliance malfunctions LED 2 (“Overview / Designation of parts” on Page 2) will flash to indicate the malfunction. There are short and long intervals of flashing. The flashing will repeat every 3 seconds.

1. Write down the flashing intervals and check the list below.
2. Reset the appliance:
   – Switch off the appliance. / – Wait 5 seconds. / – Switch the appliance on again.
3. If an error code is still displayed, contact an authorised Truma service center.

---

<table>
<thead>
<tr>
<th>Error code</th>
<th>Flash code</th>
<th>Error</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>s,s,s,s,s,s,l</td>
<td>Flame not detected</td>
<td>There is a flame-detection error at the burner because the flame was not detected after release of gas and ignition. <strong>Important</strong>: The system indicates this error only after three attempts at intervals of approximately 30 seconds.</td>
</tr>
<tr>
<td>2</td>
<td>s,s,s,s,l,s</td>
<td>Error at over temperature switches (EOS, BOS)</td>
<td>The exhaust over temperature switch (EOS) or burner over temperature switch (BOS) is open/unplugged.</td>
</tr>
<tr>
<td>3</td>
<td>s,s,s,s,l,l</td>
<td>Error at exhaust pressure switch (EPS)</td>
<td>The EPS did not close when the flue fan was actuated because the fan did not push enough air through the exhaust channel. A cause could be, e.g., blocking of the exhaust channel or a faulty switch. OR The EPS is closed even though the flue fan is not running. Cause is a defective EPS or flue fan.</td>
</tr>
<tr>
<td>4</td>
<td>s,s,s,l,s,s</td>
<td>Error at water over-temperature switch (WOS)</td>
<td>The WOS opened at a water temperature of over 85 °C.</td>
</tr>
<tr>
<td>5</td>
<td>s,s,s,l,s,l</td>
<td>Flame detected at incorrect time</td>
<td>There is an error in flame detection of the burner because the flame was detected – before ignition or – before the release of gas or – after the gas was switched off.</td>
</tr>
<tr>
<td>6</td>
<td>s,s,s,l,l,s</td>
<td>Error in the safety circuit for gas valve</td>
<td>There is a heating request but gas cannot be released. One of the switches WOS, EOS, BOS, EPS is open/unplugged.</td>
</tr>
<tr>
<td>7</td>
<td>s,s,s,l,l,l</td>
<td>Error of burner MCU internal RAM</td>
<td>Error detected in the burner MCU’s internal safety monitoring feature (safety variables are no longer correct or RAM/STACK was overwritten by mistake).</td>
</tr>
<tr>
<td>8</td>
<td>s,s,s,l,l,l</td>
<td>Malfunction of water outlet temperature sensor WOT</td>
<td>Water outlet temperature sensor WOT – has a short circuit or – is open/unplugged.</td>
</tr>
<tr>
<td>9</td>
<td>s,s,s,l,l,l,l</td>
<td>Error in the safety circuit</td>
<td>There is a heating request but gas is not released because a valve-actuation signal was not activated.</td>
</tr>
<tr>
<td>10</td>
<td>s,s,s,l,l,l,l</td>
<td>Error of MCU watchdog</td>
<td>There is a heating request but the MCU watchdog does not release the gas path.</td>
</tr>
<tr>
<td>11</td>
<td>s,s,s,l,l,l,l</td>
<td>Internal error</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>s,s,s,l,l,s</td>
<td>Error of the MCU gas release</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>s,s,s,l,l,s</td>
<td>Short circuit shut-off valve</td>
<td>Short circuit detection in the gas valve (shut-off part) detected a current &gt; 1000 mA and shut off.</td>
</tr>
<tr>
<td>14</td>
<td>s,s,s,l,s,s,s</td>
<td>Malfunction of the MCU</td>
<td>Internal error of the control unit.</td>
</tr>
<tr>
<td>15</td>
<td>s,s,s,l,s,s,s</td>
<td>Malfunction of water inlet temperature sensor WIT</td>
<td>Water inlet temperature sensor WIT – has a short circuit or – is open/unplugged or – the temperature of the sensor is colder than -10 °C.</td>
</tr>
<tr>
<td>16</td>
<td>s,s,s,l,s,s,s</td>
<td>Malfunction of circulation line temperature sensor WCT</td>
<td>Circulation line temperature sensor WCT – has a short circuit or – is open/unplugged or – the temperature of the sensor is colder than -10 °C.</td>
</tr>
<tr>
<td>17</td>
<td>s,s,s,l,s,l,s</td>
<td>Malfunction of gas valve, modulation section</td>
<td>Error at gas valve, modulation level, because - the modulator has a short circuit or - is open/unplugged.</td>
</tr>
<tr>
<td>18</td>
<td>s,s,s,l,s,l,s</td>
<td>Voltage is too high</td>
<td>The main power supply’s voltage detector measured a voltage level of &gt; 16.4 V.</td>
</tr>
<tr>
<td>19</td>
<td>s,s,s,l,s,l,l</td>
<td>Voltage is too low</td>
<td>The main power supply’s voltage detector measured a voltage level of &lt; 10 V.</td>
</tr>
<tr>
<td>20</td>
<td>s,s,s,l,l,s</td>
<td>Flue fan current consumption error</td>
<td>The current detector for the flue fan has measured a current outside the permitted limits.</td>
</tr>
<tr>
<td>21</td>
<td>s,s,s,l,l,s</td>
<td>Circulation pump current consumption error</td>
<td>The current detector at the circulation pump has measured a current outside the permitted limits.</td>
</tr>
<tr>
<td>22</td>
<td>s,s,s,l,l,l</td>
<td>Water circulation pump is running dry</td>
<td>The circulation pump does not generate water flow. The water system may not be filled or not sufficiently vented. The circulation pump tries (20 times) to generate a water flow every 30 s (if successful, the error is reset).</td>
</tr>
<tr>
<td>23</td>
<td>s,s,s,l,l,l,l</td>
<td>Too low gas pressure.</td>
<td>Gas supply (in vehicle) to the appliance insufficient.</td>
</tr>
<tr>
<td>24</td>
<td>s,s,s,l,l,l,l</td>
<td>Too high heat power required.</td>
<td>You are trying to use more hot water than the appliance can supply.</td>
</tr>
<tr>
<td>25</td>
<td>s,s,s,l,s,l,l</td>
<td>Risk of freezing.</td>
<td>Temperature in the appliance below 3°C.</td>
</tr>
<tr>
<td>26</td>
<td>s,s,s,l,s,l,l</td>
<td>Decalcification finished.</td>
<td>–</td>
</tr>
<tr>
<td>27</td>
<td>s,s,s,l,l,l,l</td>
<td>Current too low.</td>
<td>Current in the antifreeze kit too low (e.g. cable break).</td>
</tr>
<tr>
<td>28</td>
<td>s,s,s,l,s,s,s</td>
<td>Current too high.</td>
<td>Current in the antifreeze kit too high (e.g. short circuit).</td>
</tr>
</tbody>
</table>
### APPENDIX C – Spare Parts (all models)

#### Fig. 35

<table>
<thead>
<tr>
<th>Item Ref.</th>
<th>Part no.</th>
<th>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NYA</td>
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</tr>
<tr>
<td>2</td>
<td>NYA</td>
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</tr>
<tr>
<td>3</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>77000-90100</td>
<td>Exhaust Pressure Switch</td>
</tr>
<tr>
<td>5</td>
<td>77000-00175</td>
<td>Flue Fan Assembly</td>
</tr>
<tr>
<td>6</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>77000-00113</td>
<td>Control Unit Assembly</td>
</tr>
<tr>
<td>10</td>
<td>77000-91300</td>
<td>Electrodes</td>
</tr>
<tr>
<td>11</td>
<td>NYA</td>
<td></td>
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<tr>
<td>12</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>13</td>
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</tr>
<tr>
<td>14</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>77000-90400</td>
<td>Burner Assembly</td>
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<td>16</td>
<td>NYA</td>
<td></td>
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<td>17</td>
<td>NYA</td>
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<td>18</td>
<td>77000-90800</td>
<td>Filter Assembly</td>
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<td>20</td>
<td>NYA</td>
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<td>21</td>
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<tr>
<td>22</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>77000-90500</td>
<td>Flow Sensor Assembly</td>
</tr>
<tr>
<td>25</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>77000-90600</td>
<td>Circulation Pump</td>
</tr>
<tr>
<td>30</td>
<td>77000-03500</td>
<td>Non-Return Valve Assembly</td>
</tr>
<tr>
<td>31</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>NYA</td>
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</tr>
<tr>
<td>33</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>NYA</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>77001-01</td>
<td>Access Door Standard</td>
</tr>
<tr>
<td>36</td>
<td>77101-01</td>
<td>Access Door Adapter (not shown)</td>
</tr>
<tr>
<td>37</td>
<td>77201-01</td>
<td>Access Door XS (not shown)</td>
</tr>
<tr>
<td>38</td>
<td>77000-00089</td>
<td>Control panel</td>
</tr>
<tr>
<td>39</td>
<td>77000-00114</td>
<td>Sticker set (not shown)</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Item Ref.</th>
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<th>Component</th>
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<td>38</td>
<td>77000-00089</td>
<td>Control panel</td>
</tr>
<tr>
<td>39</td>
<td>77000-00114</td>
<td>Sticker set (not shown)</td>
</tr>
</tbody>
</table>
This page intentionally left blank.
If any of the original wire as supplied with the water heater must be replaced, it must be replaced with wire 18 AWG (** 16 AWG) - 105 °C - UL1015, or its equivalent 18 AWG or 1 mm² MWG (** 16 AWG or 1.5 mm² MWG)

* only AquaGo™ Comfort and AquaGo™ Comfort Plus
APPENDIX E – Notes for painting the access door and cover plate

Important Information

⚠️ Observe all safety notes/instructions for painting the access door and cover plate.

The following parts (see Fig. 38) may be painted:
- The white cover plate
- The white outer surfaces of the access door

Material of the parts:
- The parts are made from a polycarbonate material.
- Check whether the paint to be used is suitable for polycarbonate.
- For optimum adhesion of the paint it may be necessary to apply a primer to the surfaces that will be painted.

NOTICE Use of unsuitable paints may damage the parts. Follow the recommendations of the paint manufacturer.

The following parts (see Fig. 37) must not be painted:
- The black venting grid
- The turn lock
- The webbings

Work before painting

Ensure turn lock operates correctly (if unsure: see “Closing the access door” on Page 8).

Painting a detached access door

If necessary for masking or painting, the access door can be detached temporarily.
- Remove the four (4) screws that fix the webbings.
- Fix the webbings again after painting.

Danger of personal injury or damage to the recreational vehicle.

Unsecured webbings cause the access door to become loose and it may fall off when you are driving the RV.
- After painting, the webbings must be fixed firmly to the access door with the original screws.

Work after painting

7. Remove all masking.
8. Assemble the venting grid and the turn lock in the reverse order. Make sure that they are installed in the right direction.
9. Ensure turn lock operates correctly (if unsure: see “Closing the access door” on Page 8).

Painting a detached access door

If necessary for masking or painting, the access door can be detached temporarily.
- Remove the four (4) screws that fix the webbings.
- Fix the webbings again after painting.

⚠️ Danger of personal injury or damage to the recreational vehicle.

Unsecured webbings cause the access door to become loose and it may fall off when you are driving the RV.
- After painting, the webbings must be fixed firmly to the access door with the original screws.

Work before painting

In order to simplify painting and reduce the work for masking, the turn lock and the venting grid can be removed/disassembled.

Please follow the steps below to remove the venting grid and the turn lock:
1. Open the access door.
2. Remove the venting grid:
   - Using a Torx T-15 remove the 4 screws securing the venting grid to the access door.
   - After removing the screws, depress the four (4) clips on the side of the venting grid and remove it as shown in Fig. 37.
3. Remove the turn lock:
   - To remove the turn lock, depress the four (4) clips and remove it as shown in Fig. 37.
4. Mask the venting grid opening from the back side (side with waffle pattern).
5. Close the access door and fix it in the closed position for painting.
   - This can be done with help of tape that joins the flue fan and the edge of the turn lock opening (see Fig. 38 for this detail).
   - Remove any tape that hangs over the edge by more than 3 mm.
   - Finally mask the turn lock opening with tape (hatched area). Take care not to exceed 3 mm from the edge (this is the area that will be covered by the turn lock).
6. Paint the access door and the cover plate.
Flue fan

Tape

Remove

All around 3 mm (0.12 in.)

Turn lock opening

Masked area

Cover plate

Outer surface of access door

Masking of the venting grid opening from the back side

Fig. 37

Fig. 38
In Australia, always notify the Dometic Service Centre if problems are encountered; in other countries the relevant service partners should be contacted (www.truma.com).

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