

◀ OPUS

# OP4LE

LIMITED EDITION

# USER MANUAL



BUILT BY OPUS CAMPER IN CALIFORNIA  
925.215.7315 | WWW.OPUSCAMPER.US

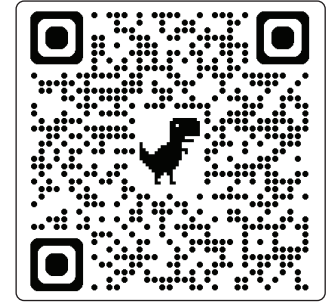
◀ OPUS

# WELCOME TO THE OPUS FAMILY!

Congratulations on your new OP4 LE Limited Edition! We worked hard to blend everything you love about each model into the ultimate camping machine... and we got the OP4 LE. We truly hope this trailer makes your outdoor adventures more enjoyable and exciting.

While your dealership should be able to answer any questions you have, we are happy to assist with any further questions. We are committed to providing the highest level of customer service and this User Manual was created specifically to guide you through your new OP4 LE. We strongly recommend familiarizing yourself with it before operating your trailer. Understanding your trailer, and following the instructions and warnings in this manual, will eliminate avoidable problems and ensure you get the most out of your camper. The OP4 LE is built to last and with considerate treatment and care it will be your adventure companion for years to come. You can download a digital copy of this manual on our website: [www.opuscamper.us/download/21556/?tmstv=1721418867](http://www.opuscamper.us/download/21556/?tmstv=1721418867)

Download Digital  
OP4 LE User Manual:



While the set-up process for the Limited Edition is not the same as the standard OP4 LE, there is an OP4 LE set-up video we recommend watching before setting up. Video link: [www.youtube.com/watch?v=joBPqaXiQB0](http://www.youtube.com/watch?v=joBPqaXiQB0)

We demand a high standard of build quality and our team follows a rigorous build and inspection process before delivery. Your dealership will also run an independent inspection on the camper before it reaches you. If you suspect your OPUS Camper is not working correctly, please contact your dealer to arrange an appointment. If you experience a problem while traveling, please contact your dealership before an independent local service carries out repairs - it's important to ensure you will still be covered under warranty. Retain all invoices and documentation to allow for proper reimbursement through your dealer.

The OP4 LE trailer is designed for recreational use only. Please read the warranty in this document to ensure you're adhering to the intended trailer usage covered under the warranty. Usage outside of these terms could reduce or void your warranty. The full warranty is outlined in this manual and available on our website.

Please note there may be differences in the products or designs shown or described in this manual from your camper. Because we promote ongoing improvements to our trailers and builds, we reserve the right to change the construction or design at any time without the obligation to make these changes on previously manufactured trailers. If significant changes are made to the design or build of our models, we will take the appropriate steps to update this manual accordingly.

Should you have any questions about your OP4 LE trailer, no matter how small we are here to help. You can reach us at [info@opuscamper.us](mailto:info@opuscamper.us) or call us at 925.215.7215.

Welcome to the family!!

## OPUS CAMPER USA

Submit your Opus Adventure!

Share trip details to be published on the Opus Camper Adventure Map.

[www.opuscamper.us/opus-adventure-addicts-2/](http://www.opuscamper.us/opus-adventure-addicts-2/)



# LIMITED EDITION

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# OP4 LE SPECIFICATIONS

## BUILD

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|                        |   |
|------------------------|---|
| Color                  | Granite Gray  |
| Body Work              | Baked Enamel Finish   |
| Box Material           | Main body aluminum tube & composite panel exterior; fully hot-dip galvanized chassis draw-bar |
| Dimension (Lid closed) | 17" (including spare wheel) x 7'2"  |
| Dimensions (Lid Open)  | 21'4" x 6'10" x 11'6"   |
| Ground Clearance       | 22"   |
| Ride Height            | 5'4" (with cargo rack)  |
| Chassis                | 8'2" x 6'2" x 2'4"  |
| Drawbar                | 8'6" x 4'7" x 4"  |
| Bed Size               | 2 Double Beds: 5'7" x 4'2" x 4"   |
| Dry Weight             | 3100lbs (tent included)   |
| Tongue Weight          | 400lbs  |
| GVWR                   | 4200lbs   |
| Cargo Capacity         | 500lbs  |

## FEATURES

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|                   |   |
|-------------------|---|
| Coupling          | Cruisemaster DO35   |
| Suspension        | Independent Coil Spring Suspension with Dual Shock Absorbers                                  |
| Kitchen           | Stainless steel slide out kitchen with 4 burner stove & sink with electric tap and spice rack |
| Water System      | Seaflo 12v electric water pump  |
| Water Tanks       | 2 x 20gl stainless steel tanks  |
| Water Tank Guard  | Checker plate protection  |
| Stabilizer legs   | 4 x drop-down, lockable and adjustable  |
| Tongue Jack       | ARK 750 Jack with Adjustable Height   |
| Jerry Can Holder  | 2 x 5gl   |
| Gas Bottle Holder | Enclosed Cage Fits 2x 20lbs Propane Tanks   |
| Stone Guard       | Front surface coated with anti-chip deadener  |
| Brake System      | 12v Electric Drum Brakes with E-brake to assist with -hitching and trailer brake-away system  |
| Cargo Rack        | Fold-over cargo rack with 500lbs load capacity  |

## INTERIOR

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|          |  |
|----------|--|
| Seating  | Sectional Leatherette Cushions   |
| Table    | Bamboo Adjustable & Removable Table  |
| Bathroom | Porta potti cassette toilet  |
| Heating  | Truma Combi Eco - Propane Furnace & Water Heater   |
| Sleeping | 2 fixed full beds, seating area converts to third bed / Optional King bed extension for rear bed |

## TENT

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|                       |   |
|-----------------------|---|
| Material              | 12oz / 420g fine weave Polycotton                               |
| AIR Beams             | Dual-layer protected AIR beans with isolation valves            |
| Tropical Roof         | Waterproof and UV protected Tropical roof included              |
| AIR Canopy (optional) | Zip-attach sun awning with AIR beams and main tent connectivity |



## ELECTRICAL

|                  |   |
|------------------|---|
| Batteries        | 2 x 130ah Lithium Batteries = 260ah                 |
| Inverter:        | Victron 2000 Watt                                   |
| Battery Monitor: | Victron Battery Monitor BMV-712 SMART               |
| Shore Power      | 30 Amp shore power connection with 2 x 120v outlets |
| Solar            | Solar Port and 140 WATT Zamp Panel                  |
| Stereo           | JBL Bluetooth Speaker                               |

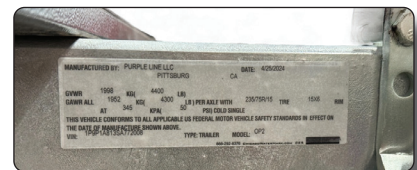
## EXTERIOR - CONSTRUCTION

- **ALUMINUM DI-BOND WALLS:** The external and internal walls of the AIR OPUS are constructed from Aluminum Di-bond. This consists of two aluminum panels, separated by a Polyethylene core; providing a strong and lightweight outer shell.
- **POLYSTYRENE INSULATION:** A 20mm thick sheet of Polystyrene sits between the internal and external Aluminum di-bond walls to provide insulation.
- **WATER TIGHT FINNED SEALS:** When the lids are closed and clamped down they are sealed tight with finned rubber seals for ultimate protection from water ingress.
- **POWDER-COATED ALUMINUM FRAME:** The frame is constructed using specially cast and welded aluminum. This helps keep our camper light and easy to tow and move, while ensuring maximum strength. The aluminum is then finished with a high quality powder coat to ensure longevity.



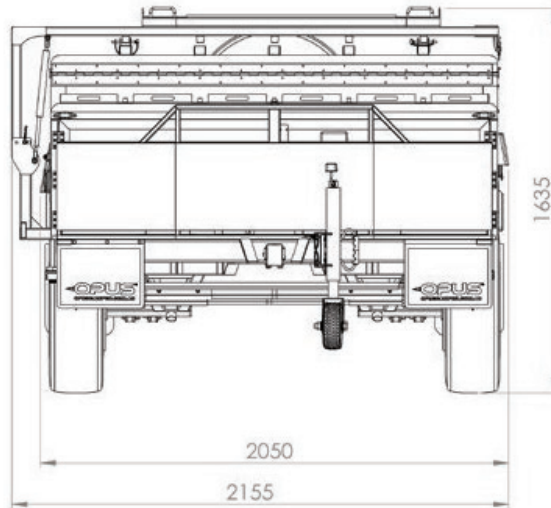
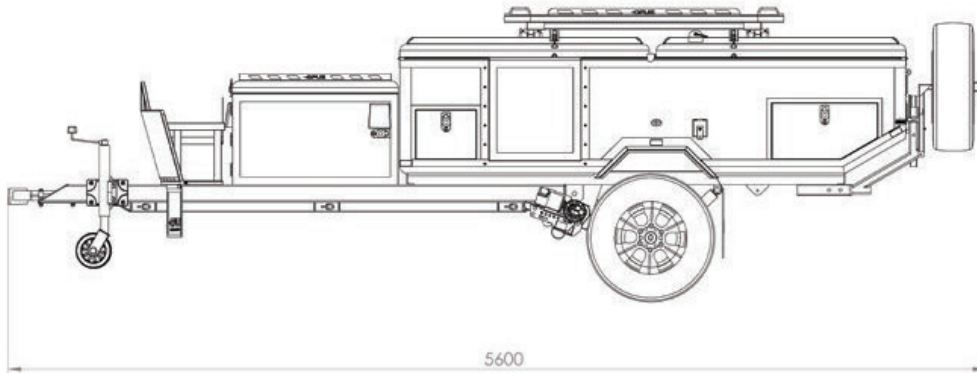
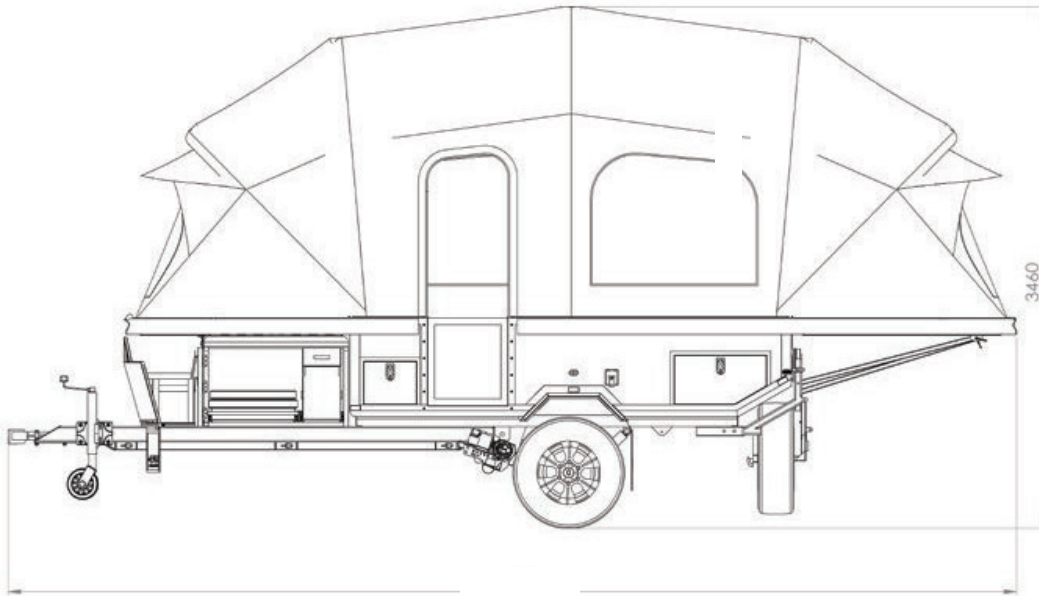
## VIN #

Every OPUS® has a Vehicle Identification Number (VIN). The VIN can be found on the exterior of your OP4 LE chassis door. We recommend making a note of your VIN in the template as shown. This will be required by insurance companies.

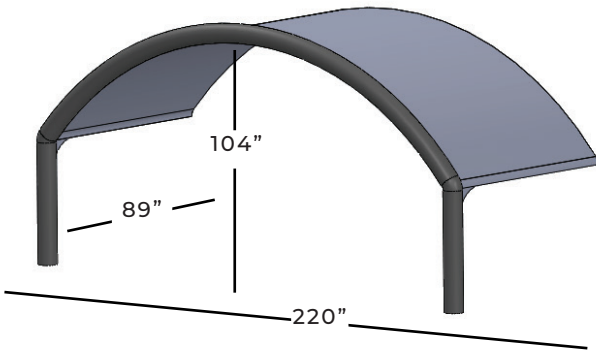


|   |               |                  |        |
|---|---------------|------------------|--------|
| MANUFACTURED BY:  |               | DATE:            |        |
| GVWR  | KG            | LB               |        |
| CAMR ALL  | AT            | KG               | LB     |
| THIS VEHICLE CONFORMS TO ALL APPLICABLE US FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE. |               | PSI) COLD SINGLE |        |
| VIN:  | TYPE: TRAILER | MODEL:           | FD-304 |

# DIMENSION



## AIR CANOPY DIMENSIONS



SET-UP WITH YOUR OP4 LE

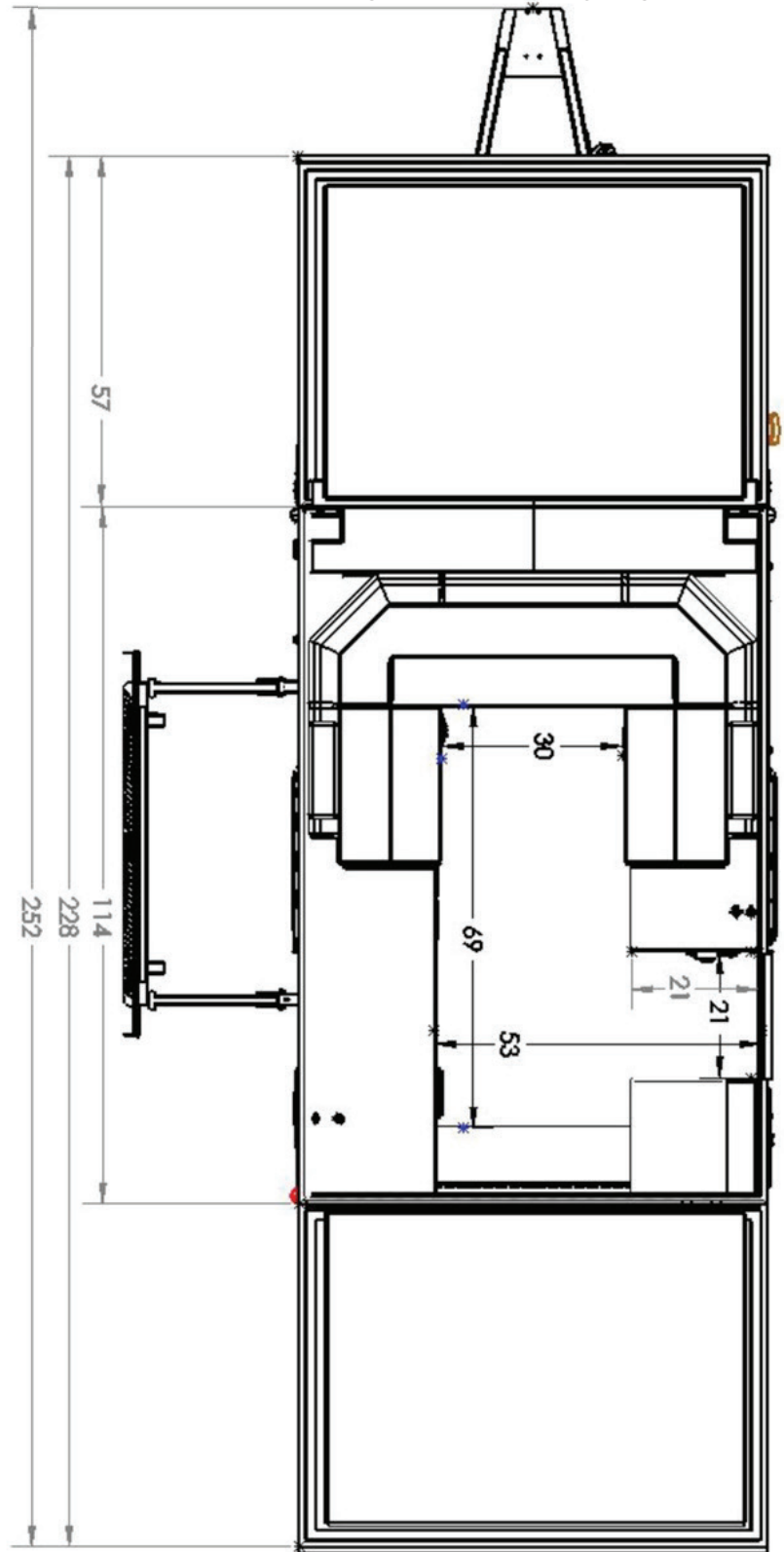
Height: 104"

Depth: 89"

Width: 220" (air beam leg to leg)

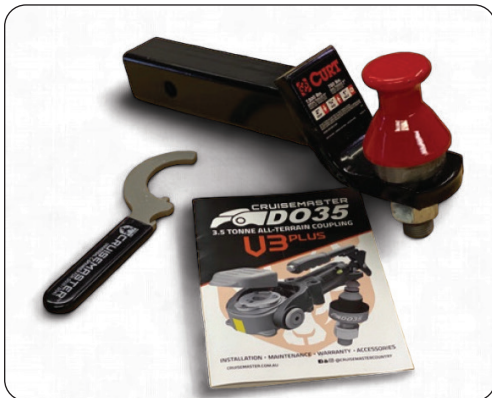
## INTERIOR DIMENSIONS

DISPLAYED IN INCHES



## ABOUT YOUR HITCH DO35 CRUISEMASTER

Tow Vehicle Side Hitch



Trailer Side Hitch

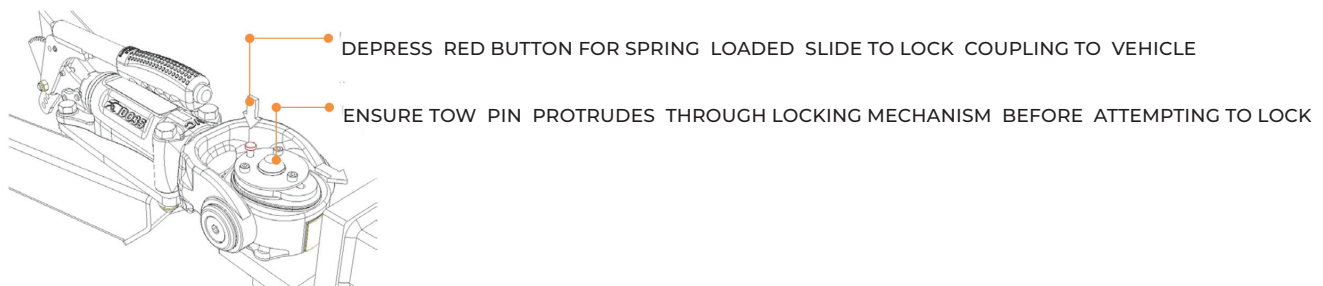
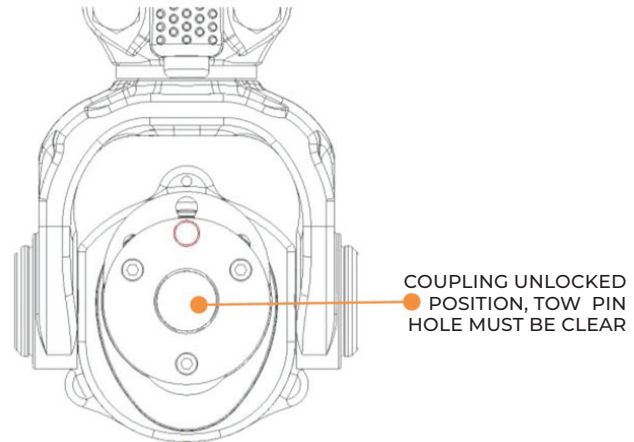


Saracen DO35 Hitch Lock

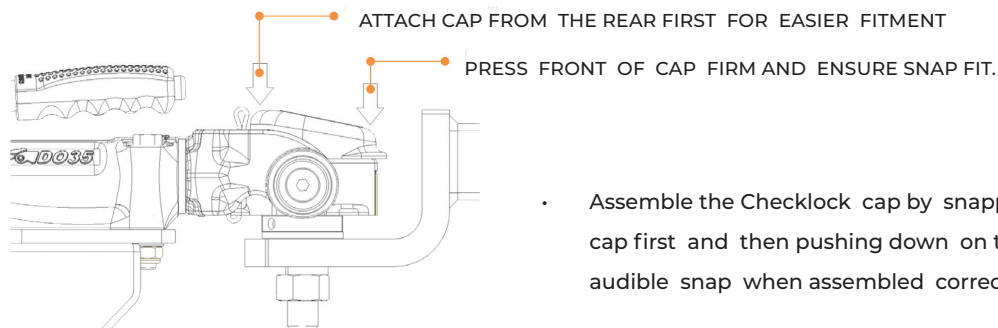


For coupling the DO35 to your vehicle, we recommend the following:

- Ensure Tow Pin Cover is removed from Tow Pin.
- Make sure Tow Pin and Universal mating surfaces free of sand, dirt and foreign objects, and is lightly lubricated.
- Raise height of trailer coupling above vehicle Tow Pin by adjusting Jockey Wheel or Stand.
- Push and hold Lock Button down (push the Lock Plate to full open position until the Lock Button is able to spring back)



- Align Coupling over Tow Pin by moving either vehicle or trailer, and lower coupling onto Tow Pin. Ensure that Universal is fully seated on Tow Pin; Ensure Tow Pin protrudes through locking plate.
- Push the Lock Button to release the plate into the locked position.



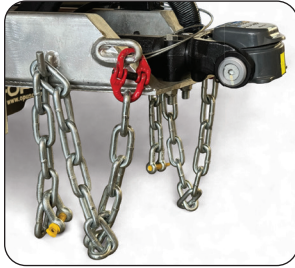
- Assemble the Checklock cap by snapping in the back edge of the cap first and then pushing down on the front. The cap will emit an audible snap when assembled correctly.

## ON YOUR TRAILER TONGUE:



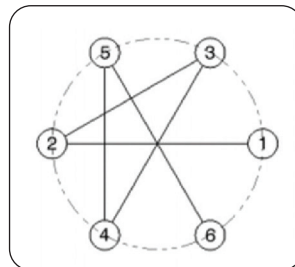
### 7 PIN ELECTRICAL PLUG

7 PIN The OPUS® is fitted with a 7-pin flat plug that connects all the exterior trailer running/brake/turn lights and the electric brakes to the towing vehicle. You will require a 7-pin connection on your tow-vehicle as well as an in-car electric brake controller installed in your tow vehicle to operate them.



### INSTALLING YOUR SAFETY CHAINS

The OPUS® is fitted with 2 safety chains on the tongue. One end of the chain is fitted to the OPUS® chassis and the other end has an attachment clip which should be attached securely to your tow vehicle bumper or receiver. Ensure that you have enough slack in the chains to turn your vehicle adequately. Should you require less slack, the chains can be twisted or crossed below the tongue before connecting to your vehicle to ensure the chains do not drag on the ground. Do not attach the hooks to the hitch itself.



### WHEELS

Torque all wheel bolts to 100ft lbs. When tightening wheel nut lugs, please tighten bolts in a star-pattern order as indicated in the diagram to the right.



### ABOUT YOUR BRAKES

The OPUS® is fitted with electric trailer brakes. You need an electric brake controller fitted to your car in order to tow the OPUS® and operate the electric breaks safely. Failure to tow with a brake controller in your vehicle is both dangerous and illegal. You can tell if your brakes are working properly by connecting the 7-pin plug, starting the engine of the tow vehicle and then getting someone to listen to the brake hub whilst another person applies the brakes in the tow vehicle. If they are working correctly you will here a low humming sound as the brakes are applied.

## BRAKE MAINTENANCE

As part of the annual service check you should have completed by an accredited industry service agent, the brakes will be checked and maintained.

## TOWING

The driver of the tow vehicle must ensure that their Driving License is valid for towing the OPUS® Camper. It is highly recommended, that you adhere to any applicable laws for the state in which you are driving. Many guides are available from leading associations and should be studied before you embark. Trailer towing laws are different in each state. Please be aware If you are traveling across multiple states that you could suddenly be breaking tow laws if you're not careful. States differ on their rules about multiple trailers. If you're hauling a camper and a Jet Ski behind it, you'd be OK in South Carolina, but breaking the law once you cross the Georgia state line. No matter where you are in the U.S., the following features are safety equipment for trailer towing:

- \* Lights: Your trailer lights must be maintained in working order for basic road safety.
- \* License plate light: Make sure to clearly display your license plate
- \* Reflectors:
- \* Flares: Keep these at hand to clear off a section of the road after an accident.
- \* Tie-downs: If you are loading anything on a trailer that could possibly fall off, you'll need tie-downs to secure it at multiple angles.



# CONTROL PANEL

## CONTROL PANEL FEATURES

- Victron Monitor: View battery voltage, current, power, ampere-hours consumed and state of charge
- 12V Plug: External plug for 12v devices
- Inflate Button : Activates AIR pump to inflate tent
- Power On: Powers on entire trailer
- Fridge: Triggers your 12V fridge
- Plugs/Socket Power: Activates internal 12v and 120v sockets
- Lights Power: Activates interior and exterior lights
- Water Pump: Activates 12v Seaflo water pump
- Rear Water Tank: Measures water level in the rear 20 gallon tank
- Front Water Tank: Measures water level in the front 20 gallon tank

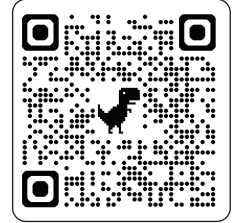




The Limited Edition comes standard with two lithium batteries and a 2000 Watt Victron Inverter/charger.

## VICTRON 2000 WATT INVERTER

- The OP4 LE comes with the Victron MultiPlus 2000VA Inverter. This is a combined inverter and charger in one package. Its many features include a true sine wave inverter, adaptive charging, hybrid PowerAssist technology, plus multiple system integration features.
- Download Manual here: <https://www.opuscamper.us/download/21547/?tmstv=1721074259>



## VICTRON BATTERY MONITOR: BMV ENERGY SMART MODEL 712

- The Victron BMV Energy Smart Battery 712 is in the center of your control panel.
- This monitoring system is used to calculate amp-hours and the state of charge of a battery.
- Amp-hours consumed are calculated by integrating the current flowing in or out of the battery.

The Victron monitor on the control panel of you OP4 LE provides access to:

- Remaining time at the current rate of discharge
- Programmable visual and audible alarm
- Programmable relay, to turn off non critical loads or run a generator
- Direct communication port
- Stores a wide range of historical events
- Wide input voltage range: 6.5 – 70 V
- High current measurement resolution: 10 mA (0.01 A)
- Additional input to measure voltage (of a second battery)
- Temperature or midpoint voltage, and corresponding alarm and relay settings



For in-depth instructions and usage guidelines, refer to the manufacturers manual: <https://www.victronenergy.com/battery-monitors/bmv-700#downloads>

**BATTERIES:** The OP4 Limited Edition comes standard with 2 x 115ah Lithium Batteries = 230ah of power.

## MONITOR YOUR AMP METER:

Please pay close attention to your amp meter if you are running a 120v appliance via the inverter; try plugging each appliance in separately to check its amperage draw to help you better understand and manage your power supply. On the control panel you will find the main 12v ON/OFF switch. There are separate switches for the following 12volt operated appliances and systems in the OP4 LE: Fridge, Sockets, Lights, Water Pump.

# SETTING UP YOUR OP4 LE

This section covers trailer set-up only. Please see detailed instructions for your kitchen, heater, gas, electric and water systems in this manual.

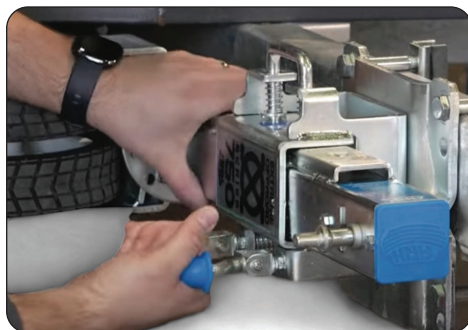


## Watch the Video:

While the process is not exactly the same with the standard OP4 LE, this set-up video is very helpful and recommend watching it prior to setting up. Video link: <https://www.youtube.com/watch?v=joBPqaXiQB0>

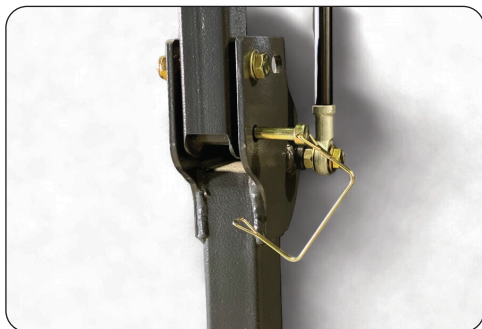
## STEP 1: Unhitch & Level

- Once you have positioned your OPUS® in the desired location, engage the handbrake.
- Raise or lower the tongue jack wheel to level your OPUS® length ways.
- Use the level on the tongue of the trailer to determine if you're level.
- Remove all items from the Cargo Rack.



## STEP 2: Secure Cargo Rack

- Un-clip the securing latches on the passengers side.
- On the drivers side remove locking pins and unfold the Cargo Rack
- Lift the cargo rack towards the driver's side - We suggest having two people on this step.
- Secure the locking pins back in place.



### STEP 3: Lower Spare Tire

- Pull the spring pins on the spare wheel carrier to release it
- Swing tire down to the horizontal position
- Take care to support the weight of the spare wheel carrier so that it does not swing free and fall whilst out of control.



### STEP 4: Secure Both Bed Lids

- Unlock all latches around the trailer (there are seven total)
- Open the front lid through 180°. Gas struts are fitted to support the weight of the lid at this stage.
- Secure the front lid to the stone guard frame with the latch and secure with the D pin.



- Repeat the process with the rear lid by folding out the two rear support legs.
- Secure the legs into place by inserting the D-pin clips through the aligned holes in the lid.
- Fit each corner of the canvas over the corner of each bed tray. The seam on the canvas should line up with each corner of the bed lid.





### STEP 5: Prepare Tent to Deploy

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- At this stage walk around the OPUS® and inspect the tent to ensure that the canvas is properly located within the aluminum channels and that no part of the tent is caught or snagged.
- Fit each corner of the canvas over the corner of each bed tray. The seam on the canvas should line up with each corner of the bed lid.
- Ensure all five of your quick release valves are closed.
- Attach the hose to the main air valve on the left of the entrance..



### STEP 6: Inflate you Tent

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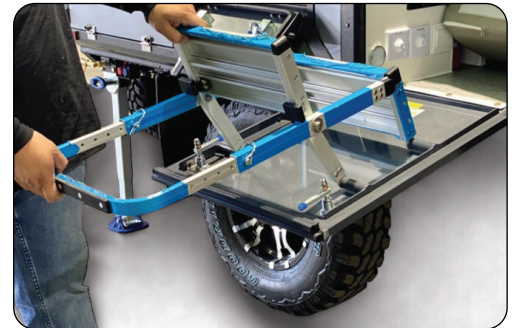
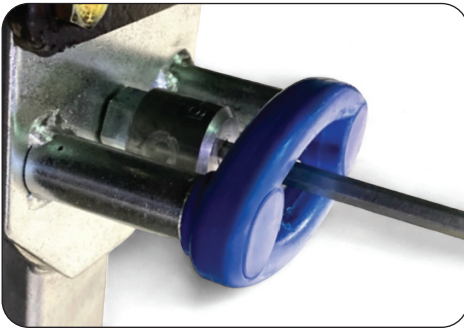
- Open the control panel door and to the power-on your OPUS.
- Press the Air Inflation button on your control panel to activate your compressor.
- Wait for the tent to inflate to its full height before entering the camper. The compressor may still be running after the tent has extended to its full height; this is normal and is simply the compressor increasing the PSI to the required setting to make the Air Poles appropriately inflated. Once the correct air pressure is achieved the compressor will shut off automatically. There is no need to press the button again.



- **IMPORTANT:** Do not set up the interior of the camper until the tent has inflated to its full height. This can be identified by the visual 'popping-up' movement of the camper and by the straightening of the air poles.
- Should you need to switch off the compressor for any reason whilst the tent is inflating, this should be done using the main power switch. Please note that the Air OPUS switch is not a 2-way on/off switch (meaning that pressing this twice will not turn the compressor off).

### STEP 7: Set-up Exterior

- Fold down the stabilizer leg using two hands; one to pull out the blue handle and the other to support the weight of the leg into the vertical position. This helps prevent damage to the locking pins.
- Use the included corner steady winder or 3/4" hex socket cordless drill/driver attachment, wind down each corner steady leg until it touches the ground.
- Depending on the terrain, you may need to adjust each corner to level the OPUS®.
- Open the door and adjust the steps to the proper height. Secure steps with the D ring provided.



#### IMPORTANT!

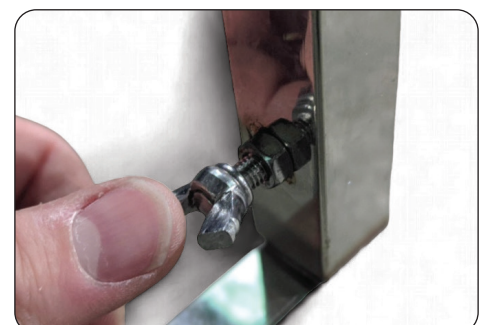
\*The four stabilizer legs are not designed to hold the weight of the trailer and should not be used to level your OPUS. Do not release the stabilizer legs until your unit is properly level, you can then lower the legs to provide stabilization on all for sides of the camper.

\*Support the stabilizer leg the entire time you are lowering it to prevent the bolts from slamming down and breaking the bolts



### STEP 8: Set-up your Kitchen

- Release the latches and slide the kitchen out - You will feel it lock into place once pulled far enough.
- Release the kitchen support leg from under the kitchen. You can lock it into place with the screws provided.
- Once you release the support leg button, the leg will release quickly - Ensure everyone is away from the stove when releasing the leg.

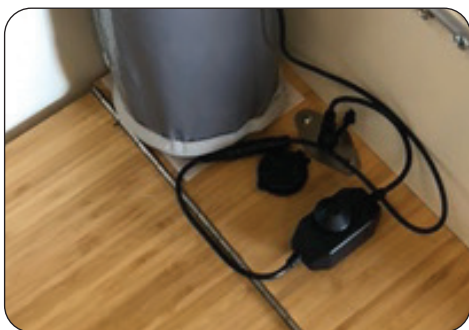


See the section 'About Your Kitchen' for more instructions



## STEP 9: Set-up your Interior

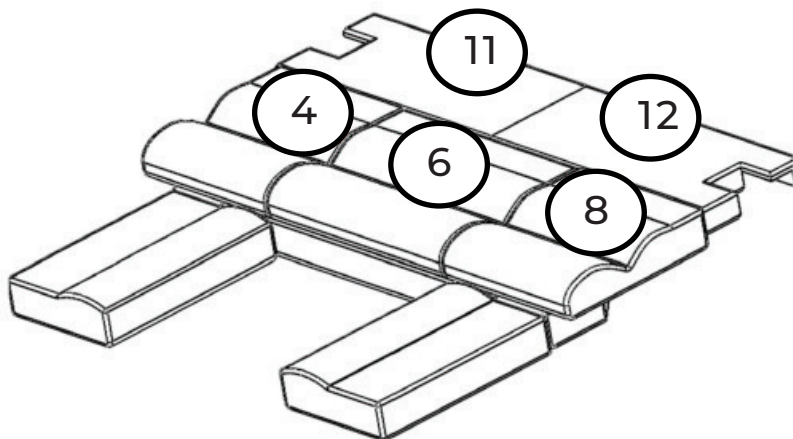
- Turn the lights on via the control panel. The foot-well lights are controlled by the dimmable light switch on inside on the right of the door. Connect the interior ceiling lights into the 12v mini outlet. The ceiling lights are controlled individually via switches on their lines. The exterior wall light by the kitchen is controlled by the toggle switch next to the dimmable light switch.
- Set up your sofa. Start with the center-back cushion, followed by the corner back cushions, then the side-back cushions. Fold out the legs of the table. Adjust the height of the table by pulling out the pins and extending the legs.



## SEATING MOVED TO CREATE KING BED EXTENSION

The seating area inside the Air OPUS® can be reconfigured to convert one of the double beds into a larger king bed. The furniture of the OPUS converts one of the double beds into a king size sleeping area which allows for a front of the camper to back of the camper sleeping position.

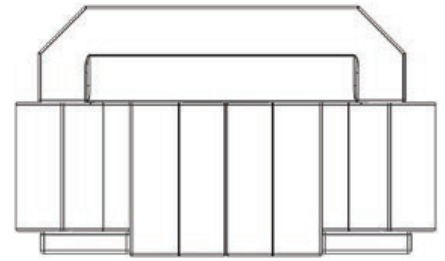
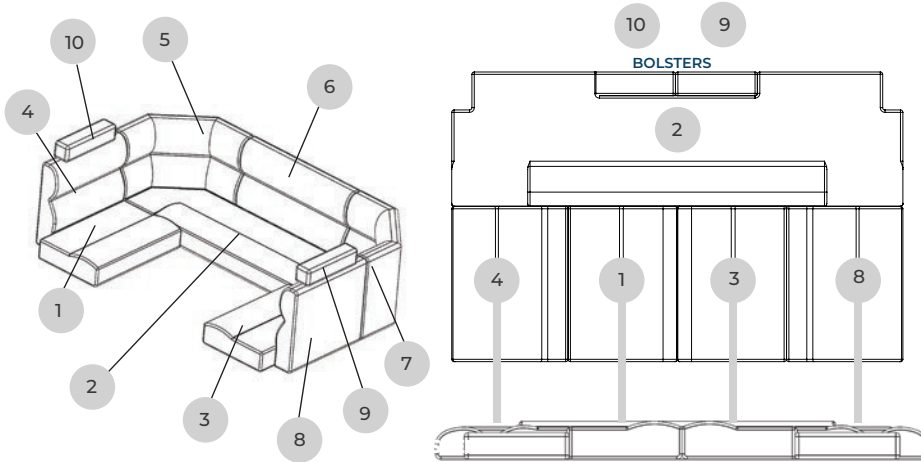
- STEP 1: Firstly remove bolsters (9 and 10) then remove 5, 6 & 7 and place these on the floor.
- STEP 2: Remove cushion 6 and place bolsters 9 & 10 in this empty space.
- 3. STEP 3: Arrange the cushions 4, 6 & 8 as shown below.
- 4. STEP 4: Place pieces 11 & 12 to create the bed.





The furniture in your OP4 LE can form an additional bed; using the bamboo table and cushions provided, you can create a bed that's reinforced to provide adequate support for sleeping.

1. STEP 1: Firstly position the table top in the position shown to form the base section of the additional bed.
2. STEP 2 Arrange the cushions as shown above. Cushions 5, 6 & 7 are not required for the additional bed and can be removed.
3. STEP 3 The two bolster cushions 9 and 10 into cushion number 2 - where cushion number 6 would usually sit. Then position cushion 4 to the far left, followed by cushions 1, 3 & 8 to form the bed.



The table top is placed in the middle to form the base of the bed sections. There are bamboo lips that you can place the table on.

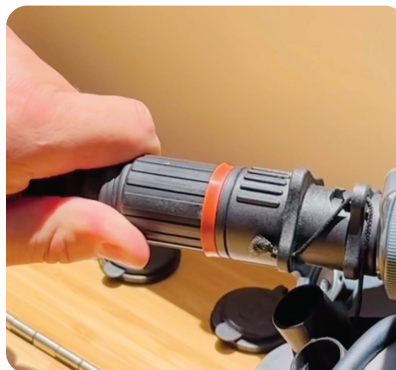


### SET-UP TIPS

The furniture in your OP4 LE can form an additional bed; using the bamboo table and cushions provided, you can create a bed that's reinforced to provide adequate support for sleeping.

# AIR TENT DESIGN

Your OP4 LE AIR tent is made of 9 connected AIR beams in the main tent (and 9 beams in the annex if you choose that addition). The tent is inflated by the compressor that is mounted in the cabinet to the right of the door. The hose from the AIR compressor is threaded up through the cabinetry to the main AIR tent inlet valve. The compressor is activated by the button on the control panel, which also has a breaker switch should this be required.



The air compressor is preset to the optimum pressure of 6.5psi and will automatically shut off when the pressure in the AIR tent reaches this pressure. Occasionally you may wish to adjust the psi to account for variations in outside air pressure (caused by altitude, temperature and extreme wind). Our recommendation is to first check the suitability of the air poles at the pre-set pressure. If you then decide you require more or less pressure in the tubes the psi may be adjusted using the dial located on top of your compressor. Turn the dial to increase or decrease the pressure as desired, however you must not increase the pressure over 9psi and we recommend returning the pump back to 6.5 psi for normal camping. Once your AIR tent is fully inflated and the compressor shuts off, please remove the hose from the valve and cap the valve. This will stop any air leaking out around the compressor hose. Failure to remove the hose and cap the valve may result in tent deflation. Each Air Beam is connected to the beams next to it by an AIR transfer hose which has an isolation valve on each end where it connects to the AIR beam.

## AIR TRANSFER HOSE

Each Air Beam is connected to the beams next to it by an AIR transfer hose which has an isolation valve on each end where it connects to the AIR beam.

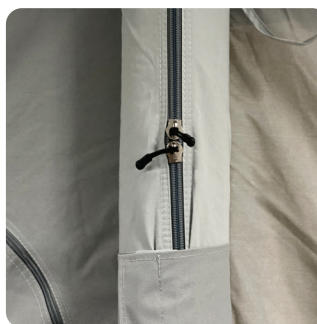
## OPEN / CLOSE VALVES

Each AIR transfer hose has a spring inside it to protect it from kinks and bends that could damage the hose or prevent air passing between the beams. You can find the AIR Transfer hoses by zipping open the semi-circle zippers in the roof of your tent.

## AIR BEAMS

Should you need to close off the valve, the back section is turnable. There are markings on the valve to show which direction to turn for open and close. IMPORTANT! If you close off a valve, please remember to re-open it before trying to re-inflate your tent to ensure air can reach each AIR beam. We recommend regular inspection of the AIR transfer hoses and isolation valves to ensure they are in good condition.

The AIR Beams are housed inside two protective layers; an inner thick protective layer and an outer layer built into the main tent. You should aim to keep the AIR beams enclosed inside the layers unless you suspect an issue with the air beam. Should you need to access the AIR beam, ensure that no part of the AIR beam is caught in the zip when you close it back up.



## INFLATION ISSUES

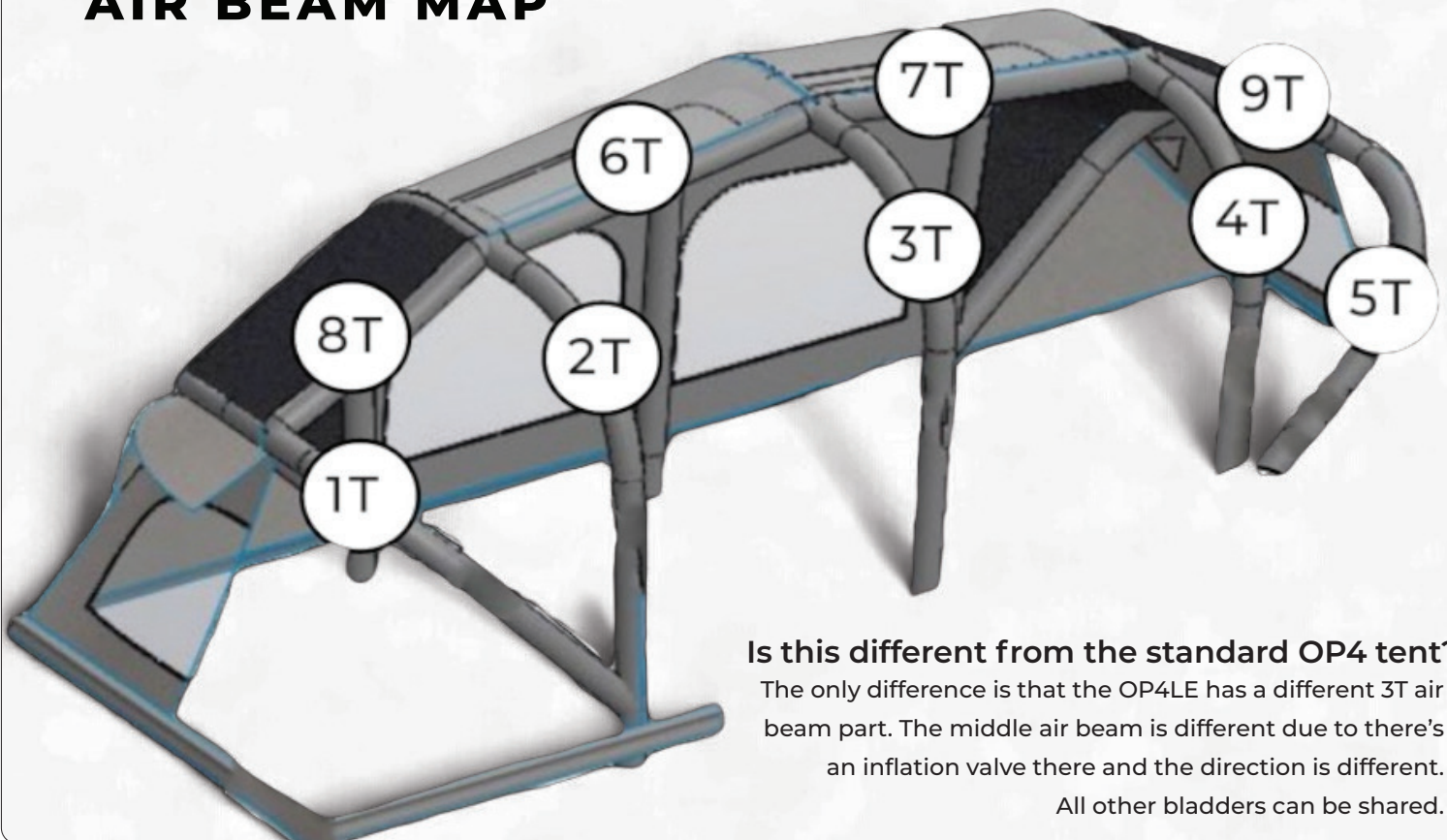
- Make sure all of five quick release valves are properly closed.
- Make sure there are no extreme folds or kinks in the air beams (particularly the main air beam where the AIR compressor hose connects to) that could prevent air being transferred to the other air beams. The compressor will be able to overcome most folds but in some cases you may need to make a minor adjustment to the tent to allow air through more extreme folds that could be trapping air. If this happens, gently push on the middle air pole from the outside to help it straighten and allow the pole to inflate.
- Make sure all of the isolation valves are in the OPEN position otherwise AIR cannot pass between beams.
- Make sure your AIR Compressor hose is securely in the AIR tent inlet valve
- Should you experience issues with your compressor, you can use the included manual pump to inflate your tent. This will take around 5 minutes.

## DEFLATION ISSUES

- We recommend opening each quick release valve and re-closing it in case you have cross-threaded the valve.
- Ensure you are removing the AIR compressor hose and capping the valve once you are inflated.
- If you suspect an AIR leak, use the isolation valves to close off each air beam so that you can identify which leak the beam is on. Take care not to over-tighten the isolation valves as this can damage the valve and in itself cause a leak. Remember to open up the valve again when you need to re-inflate your tent.

Should you identify a leak in your air beam or valve, please use the following map and contact OPUS HQ for a replacement beam. For field repairs, you can use the patch kit included with your OP4 LE. We also recommend keeping the isolation valves closed until the air beam is replaced to help prevent tent collapse. For instructions on replacing the beam, please see the AIR beam replacement section of this user manual under Care & Maintenance.

## AIR BEAM MAP



### Is this different from the standard OP4 tent?

The only difference is that the OP4LE has a different 3T air beam part. The middle air beam is different due to there's an inflation valve there and the direction is different.

All other bladders can be shared.

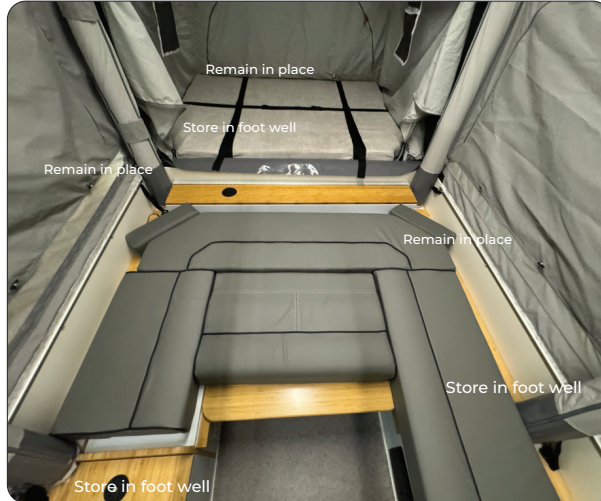


# PACKING DOWN YOUR OP4 LE

## STEP 1: PACK-DOWN THE INTERIOR

- After stowing your personal items, close both layers of all windows, making sure no water, dirt or debris is trapped between the layers.
- Ensure mattresses are secure using the straps provided
- Remove LED lights from the 12v mini sockets
- Tear down the sofa and fold away the table; stow the back cushions and table as shown in the below picture to optimize foot well storage space for other items and to ensure your table and cushions are stowed to prevent damage.

- Seat cushions can remain in place
- Bamboo table can be stored on the bed lips
- Stored corner cushion on the bottom - BACKS TO THE FLOOR
- Back cushions can be stowed in foot well
- King Bed Extension stowed under the table



## STEP 2: DEFLATE THE TENT

- Ensure that all users are outside of the tent and zip the front door closed.
- Open all 5 quick release valves, located externally on the offside of the camper on each of the vertical air poles. Make sure you release the valves using the middle ring as shown in the image. Allow the tent to deflate.



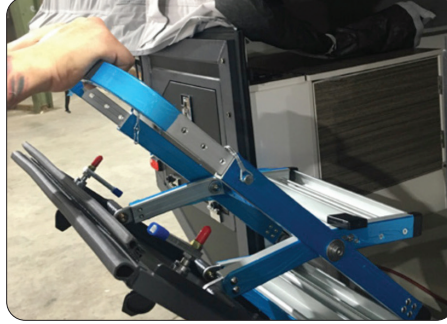
## STEP 3: FOLD AWAY THE BED LIDS

- Lift the canvas off of the bed-end corners and fold the tent inside the seals of the trailer. Try to fold the tent into the main body of camper as much as possible; this will help to make closing the camper easier.
- Retract the steps and fold up and latch the door.
- Disconnect the bed-end supports and latches and fold over first the rear lid, then the front lid. Do not try to latch down the bed lids yet
- Walk around the camper to make sure that all of the tent is folded away within the seals. Pull more of the tent away from the bed-end hinges and into the main body of the camper. Make sure that no part of the tent is trapped outside of the hinge seals.
- Push the bed lids down to allow air to escape. Twist open the triangle bolt latches to the maximum and push down on the bed lid so that the latches are over the hook. Do not try to close the latches until you have done this for each latch; the easiest and most efficient way to close the bed lids is to do it gradually.



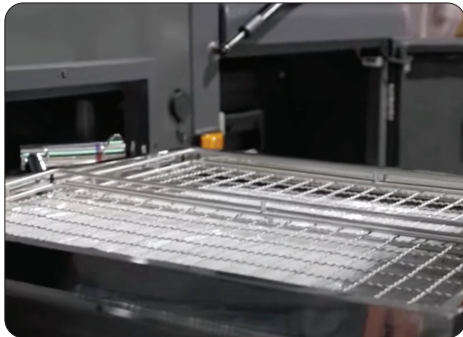
## STEP 3: FOLD AWAY THE BED LIDS - CONT.

- Push down on the bed lids enough to allow you to close the latches closest to the hinges first. **IMPORTANT!** Do not use the latches as a lever to close the bed lid as this may cause damage to the camper and is not covered under warranty. Once you have closed the latches at the maximum extension of the triangle bolts, move around the trailer and tighten each latch. Each latch should be checked for a tight fit several times as tightening one can loosen others. Make sure that no tent is outside of the seal.
- Fold away your bed-leg supports, hot water shower arm (if required) and then fold up your spare tire carrier. Ensure bolt spring bolts are locked in place fully.



## STEP 4: STOW YOUR KITCHEN

- Disconnect your water & gas quick connects from the kitchen as well as the 12v kitchen light.
- Ensure the water hoses are stowed in the drawer and that the drawers are closed on the catches properly. Stow the gas and waste water hose up through the aperture in the kitchen.
- Stow your kitchen support leg using the push-button retaining pin under the kitchen.
- Slide the kitchen back inside the camper and lock in place using both spring bolts. Close and Lock the kitchen storage door. **IMPORTANT!** Do not stow your kitchen whilst hot.



## STEP 5: PREPARE FOR TRAVEL

- Fold over your cargo rack and secure with the latches. Twist down the triangle bolts to ensure a secure latch and secure the closed latch with the safety pin.
- Retract and fold up your stabilizer legs.
- Ensure all compartments are properly latched and locked.
- Connect to your tow vehicle making sure you lock the DO35 securing pin in place using the locking pin and ensure the vehicle side of your hitch is properly secure and locked to your tow vehicle.
- Retract your tongue jack wheel and hold up. Connect your safety chains, breakaway cable and 7-pin to your vehicle and complete your pre-trip checks to make sure your connection is sound.



## KITCHEN FEATURES

Your OP4 LE kitchen is located on the door-side of the trailer in a slide-out compartment. The compartment is secured with lockable push-button latches.

The kitchen slide-out is held in place with spring-bolt locking pins. To open up the kitchen, pull the spring bolts in and turn them so they catch and stay open then slide the kitchen out to its full extension. You can then access the kitchen side quick connects for your gas and water connections (please see the kitchen sink and Gas system sections of this user manual)



- **Kitchen Sink:** please see the water system section for information on setting up your kitchen sink with water.
- **Kitchen Stove:** please see the propane system section for information on setting up your kitchen stove with propane and use.
- **Stove Wind Protectors:** The stove has two wind protectors that fold out to each side of the stove and secure in place with pins that slot into a hole on the kitchen surface. See the Propane Gas System for details on lighting the stove.
- **LED Light:** Position the flexible light to the desired position. Plug the power cord for this light into the small 12v socket on the exterior of the OP4 LE. Ensure that the \*Lights\* switch is turned on so that the socket is receiving power. Be sure to disconnect the light from the outlet BEFORE sliding away your kitchen.
- **Support Legs:** Folded underneath the slide out kitchen is a swing-down support leg. Push the button catch to release the leg. You can adjust the height of the leg as appropriate by loosening the wing nut pins to release the telescoping leg and then tightening them to hold it in place. To fold the leg away, retract the extendable leg fully and push the black end of the button catch to re-secure. There is also a secondary removable support leg pole which has a groove in the top that the underside of the kitchen fits into. This pole is also adjustable. We recommend using these support legs each time you set up the kitchen.



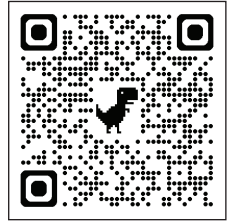
## STOVE NOT SPARKING? Below is a list of items to check

1. Is it clicking? Try replacing the Battery if not clicking
2. Can you see it visually sparking? If so, go to #3
3. Is the gray ignition disk in the right place – They can be sensitive to placement, please ensure it is centered correctly.
4. Is the correct black disc being used? These can get switched on the stove as they do appear to fit on multiple burners.
5. Try depressing the switch at a lower level – Setting the burner to low instead of the max/ ignition setting can assist
6. Are you getting gas to the stove? Can you light it with a lighter?



The OP4 Limited Edition comes with the Iceco VL60 Pro 12v Fridge/Freezer. We recommend reading the manufacturer's user manual that comes with your fridge in full to understand how this appliance works and to assist in troubleshooting should this be required.

Download the manual at: <https://www.opuscamper.us/download/21724/?tmstv=1722271475>

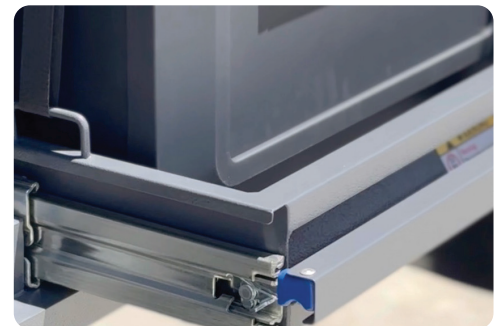


|                      |                           |
|----------------------|---------------------------|
| <b>MODEL NAME</b>    | VL60 PROS   SINGLE ZONE   |
| <b>CAPACITY</b>      | 63QT   60L                |
| <b>NET WEIGHT</b>    | 58.96 LBS                 |
| <b>COMPRESSOR</b>    | SECOP                     |
| <b>COOLING RANGE</b> | 0°F-50°F                  |
| <b>POWER SOURCE</b>  | DC 12/24V or AC 110V-120V |
| <b>CONSUMPTION</b>   | 0.545KW.H/24H             |
| <b>DIMENSION</b>     | 30.2 x 18.5 x 18.1 inches |



### OPUS-specific:

- We recommend reading the manufacturer's user manual that comes with your fridge in full to understand how this appliance works and to assist in troubleshooting should this be required. We have also compiled a few quick tips that are OPUS-specific:
- Your Fridge can be run on either 120v or 12v however we have designed the OP4 LE so that only 12v is supplied to the fridge compartment to enable the most energy efficient usage.
- The Fridge appliance is energy efficient and works well with minimum amperage draw. Please ensure that your fridge is set to 'low' or eco-mode to ensure you get the most efficient use and least impact on your 12v power consumption
- We recommend turning your fridge on and allowing it to come down to temperature 24 hrs before your trip and whilst connected to shore power as this is the time when your fridge will need to use the most energy
- You can leave the fridge turned on when you are traveling; simply ensure it is plugged in to the 12v socket in the storage compartment and that the fridge switch on the main control panel is turned on.
- Your fridge compartment is fitted with a fan-vent to help keep the temperature down in the compartment and so reduce the power consumption of the fridge. On hot days, you can also open the fridge compartment door but we recommend keeping the fridge inside the compartment when not in use to keep it shaded from the sun.



## WARNINGS

- **WARNING!** Ensure the spring-bolt locking pins are locked in place AND that the pushbutton locks on the door of the compartment are correctly closed and locked prior to travel. Failure to do so could result in serious injury and damage.
- **WARNING!** Please make sure the spring-bolt locking pins are in the extended position at all times when the kitchen is set up so that the spring is not compressed. Failure to do so could result in serious injury. Take care to compress the locking pins again when closing the kitchen.
- **WARNING!** Please ensure that all cords and hoses are disconnected and retracted prior to closing your kitchen to avoid damage.
- **IMPORTANT!** Do not position the light over the stove. Always make sure that the power cord is removed from the outlet BEFORE sliding the kitchen away for storage to avoid damage to the light and the outlet.

## SAFELY OPERATING YOUR GAS SYSTEM

The OP4 LE Limited Edition is fitted with a mount for 2x 20lb. Gas bottle. This bottle is to be connected to a gas regulator and turned off when the gas is not in use.

- **STEP 1.** To install a gas cylinder, place the gas bottle in the holder and use the provided clamp to hold the cylinder in place. Adjust the fit if necessary by turning the threaded triangle bolt. Ensure that you have the correct gas hose to connect the gas cylinder to the fixed gas regulator; your OP4 LE comes with a regulator-to-gas bottle pigtail hose which should be compatible with most US standard propane bottles.
- **STEP 2.** Once connected to the propane bottle, the gas tap/valve on the top of the gas bottle can now be opened.
- **STEP 3.** To connect the gas system on the kitchen; stowed under the sink there is a gas hose fitted to the stove that has a quick connect on the other end. Thread the gas hose through the aperture under the kitchen and connect to the gas quick connect on the side of the OP4 LE. Turn on the gas tap on the gas quick connect on the side of the OP4 LE by turning 90° so that it is parallel with the fixture.
- **STEP 4.** To operate the gas stove; turn on one of the burners (push in, turn and hold to ignite). Keep pressing the button until the gas has had time to fill up the system and the burner will ignite. **You may need to hold the button in for up to 10 seconds before ignition to overcome the accidental ignition safety precaution in-built in the hob.** Do NOT lean across the burners to reach the stove controls. When the stove is not in use, please ensure the gas is turned off at the quick connect valve on the side of the OP4 LE and at the gas bottle.
- **STEP 5.** Ensure that the gas bottle valve is closed prior to packing up the OP4 LE for transit or storage, the quick connect valve on the side of the OP4 LE has been closed and that the gas hose has been disconnected from the side of the OPUS and carefully stowed inside the kitchen. Please make sure that the gas hose is fully inserted into the kitchen before sliding the kitchen into the storage compartment. Failure to do so can lead to the gas hose getting caught in the runners which can lead to damage.



**WARNING:** Do not use any other gas systems than those provided with the OP4 LE. Always turn off the shut off valve IMMEDIATELY after use.

## PROPANE (LP) / CARBON MONOXIDE (CO) DETECTOR

Your OP4 LE comes fitted with a propane (LP) / Carbon Monoxide (CO) detector installed directly wired to the battery. Please read the user manual supplied for the detector to fully understand correct usage. If the Propane or Carbon Dioxide warning alarm sounds, evacuate the trailer immediately and, if safe to do so, close off and fully disconnect the propane tanks. Do not touch any electrical switches. Follow proper and safe steps to ventilate the trailer and await for the alarm to stop before returning to the trailer then disconnect the 120v shore power connection and turn off the 12volt power.

If you suspect any chance of a propane leak, fully disconnect the propane tanks and make an appointment to have your OP4 LE serviced with your dealership. Do not use any other gas systems than those provided with the OP4 LE. Always turn off the shut off valve IMMEDIATELY after use.

### (LP) / (CO) DETECTOR SHUT OFF

When your OP4 LE is packed down the LP / CO detectors might go off from lack of air reaching the sensor. To override the beeping, you must inflate your tent and remove the fuse shown



**DO NOT FORGET to return the fuse to the correct operating position before using your trailer.**

## WARNINGS

Warning! Do not place propane cylinders inside the vehicle. Propane cylinders are equipped with safety devices that relieve excessive pressure by discharging propane to the atmosphere. Propane gas is highly flammable. Can lead to a fire or explosion and result in death or serious injury.

Danger! Do not use gas cooking appliances for comfort heating. Can lead to carbon monoxide poisoning, which can lead to death or serious injury.

Warning! Gas cooking appliances need fresh air for safe operation: before operating: open vents or windows slightly or turn on exhaust fan prior to using cooking appliances. Gas flames consume oxygen, which should be replaced to ensure proper combustion. Improper use can result in death or serious injury.

Warning! Do not fill propane container(s) to more than 80 percent of capacity. A properly filled container contains approximately 80 percent of its volume as liquid propane. Overfilling propane container(s) can result in uncontrolled propane flow, which could lead to a fire or explosion and result in death or serious injury.

Danger! If you smell propane:

1. Extinguish any open flames and all smoking materials.
2. Shut off the propane supply at the container valve(s) or propane supply connection.
3. Do not touch electrical switches.
4. Open doors and other ventilating openings.
5. Leave the area until the odor clears.
6. Have propane system checked and leakage source corrected before using again.

Ignition of flammable vapors could lead to a fire or explosion and result in death or serious injury.

Warning! When using the outdoor cooking area, the vehicle must be level and stabilized. Do not violate manufacturers' instructions on required clearances for cooking appliances during use. Do not store cooking appliances until cool to the touch. Can lead to a fire and explosion and result in death or serious injury.

Danger! Gas fumes inside a camper trailer could result in unconsciousness, brain damage or even death. Follow safe operating procedure with gas at all times: ensure good ventilation at all times.

Danger! Check the instructions for correct fitment and safe use with the gas cylinder manufacturer/supplier.

Danger! Always ensure that the gas cylinder retaining straps are fitted whenever a gas cylinder is installed in the front locker compartment, even when the opus® is stationary.

Important! Please consult the opus team before completing any repair work on the gas system: the propane system installed includes a 2-stage regulator. The regulator must always be installed with the vent facing downwards.

The regulator is located on the front of the OP4 LE. Ensure that the vent for the regulator is not obstructed as blockages could result in excessive propane pressure causing fire or explosion

The propane system of the camper is designed for use with the supplied stove only; do not use any other gas appliance with it. The propane system is designed for use with propane only. Do not use other forms of gas.

Portable fuel-burning equipment including but not limited to wood & charcoal grills and stoves shall not be used inside the camper due to risk of fire or asphyxiation



# WATER SYSTEM

## SINGLE PUMP WATER SYSTEM - SEAFLO 12V PUMP

### 12V WATER PUMP

The OP4 LE is fitted with 40 gallons of water in two potable water tanks (1x 20gl tank in the back, 1x 40gl tank in the front), one mounted in front of the axle and one behind. Each tank has its own lockable fill point located on the driver-side and identified by a blue water faucet icon. Your water tanks are each connected to the 12v water pump which can be switched on via the main control panel.

The water pump is pressure operated, so once the main power switch is turned on at the control panel the pump will prime the system and as soon as you turn the tap on the water will flow. Once the tap is closed, the pump will turn off until the tap is turned back on. Please turn off your pump at the main control panel when the water system is not in use as it will continue to use battery power when it is turned on but not in use.

### WATER TANK GAUGES

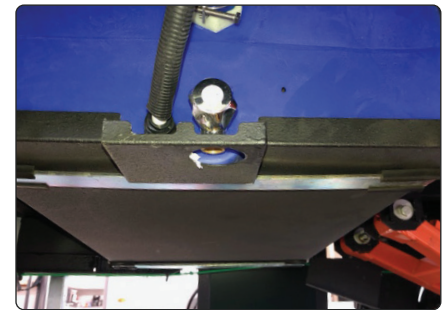
You can use the water gauges on the main control panel to check the water levels in each tank. The tanks are gravity filled and included with your OP4 LE is a potable water fill hose which should also be sanitized regularly. It is important to monitor the water levels in your tanks.

When your water tanks are empty please turn off your water pump. Running your pump without water in the tank will cause your water pump to burn out. Please see the Troubleshooting section for tips if you are not able to draw from your potable water tanks.

### WATER TANK SELECTOR LEVER (BLUE BALL VALVE)

You can set your water pump to draw from EITHER the front OR the rear tank OR from both tanks. To do this, locate the selector lever located under your OP4 LE, behind the driver-side wheel. You will see a blue lever at a junction of three water pipes. To select the FRONT tank, move the lever through 90° towards the F marking in the direction of the rear of the trailer. To select the REAR tank, move the lever towards the R marking in the direction of the front of the trailer.

To select BOTH tanks move the lever to the center of the markings, so that the red arrows line up with the three water pipes. Please note if either of your water tanks is EMPTY please move the selector to the other tank and do not leave it on BOTH tanks.



Only use potable water from a reliable source in these tanks. Do NOT store water in the tanks for more than two weeks.

Sanitize, flush and drain the water tanks before using and a minimum of every 6 months.

If you suspect there's an issue with the quality of your water, flush and drain your tanks.

**Do NOT use bleach to sanitize the tanks, as they will cause corrosion to the stainless steel.**

See the OPUS Care & Maintenance section of this manual for more information on sanitizing your water system.

Failure to maintain your tank can result in death or serious injury.

**WARNINGS**

### SUPPLYING WATER TO YOUR KITCHEN

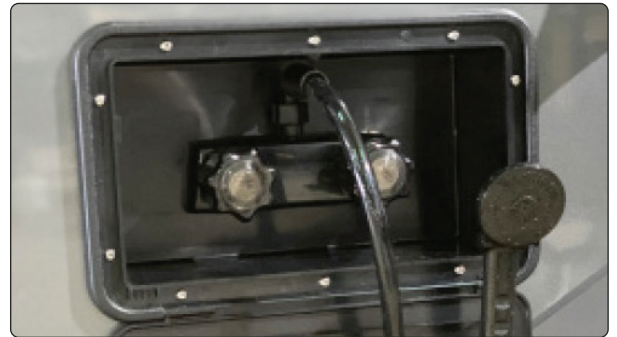
Your OP4 LE is designed to directly feed potable water to the sink. Your water system is connected to the 12v water pump which can be switched on via the main control panel. Your two potable water tanks may be used to supply water to the shower and sink. The potable water tanks also supply water to the Truma hot water system to heat your water.

- The water pump is pressure operated, so once the main power switch is turned on at the control panel, the pump will prime the system.
- As soon as you turn the tap on the water will flow.
- Once the tap is closed, the pump will turn off until the tap is back on.
- The kitchen has a drain hose attached to the sink drain.
- This is designed to drain to a waste water container or bucket.



### SUPPLYING WATER TO YOUR SHOWER

Your OP4 LE has a shower on the driver's side rear.



### PACKING DOWN YOUR WATER SYSTEM

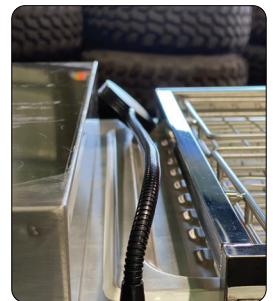
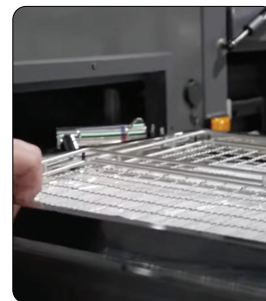
Located on each potable water tank you will find a draining valve at the lowest point of the tank. When packing away the OP4 LE complete the following process to drain the system of any excess water.

- Switch off the pump on the main control panel
- Open the faucet & allow the excess water in the pipe to drain
- Close the faucet once all of the water has drained.
- Disconnect either side of the quick connect
- Ensure the sink is emptied and that the waste water drain hose is empty before folding it back into the kitchen.
- Your tank can be drained of water at a suitable location by removing the screw-in drain bolt on the bottom of each tank.

The rear tank also has a quick-access valve to on the side of the tank to allow quick drainage for better towing balance at the end of your trip in the case that your front tank is more empty than your rear tank. Please note that for long periods of storage we recommend using the low-point drain on the **BOTTOM** of the water tank to fully drain your tank of water.

Please refer to the steps in the care and maintenance section of this user manual for information on draining your tanks and preparing your tanks for storage.

**IMPORTANT!** A small amount of water may be present from the connectors and waste hose so a cloth is useful to remove any excess water.





# HEATER - WATER & ECO SYSTEM

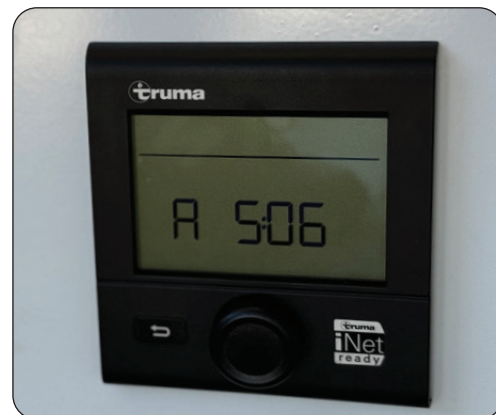
## TRUMA COMBI ECO HOT WATER & HEATING SYSTEM

The OP4 Limited Edition comes with the Truma Combi Eco hot water & heating system installed. This system is run off of your 12v power and propane gas supply. The system will provide hot water for your exterior shower and kitchen sink as well as forced hot air into the trailer.

We strongly recommend that you read the Truma Combi System manual that is provided with your trailer thoroughly before use for full instruction on how to operate and store/winterize this appliance. Failure to follow the instructions in the Truma product user manual may result in serious injury or death. Damage caused by failure to follow the instructions will not be covered under warranty. In the event that you cannot find the manual, please visit [www.truma.net/heating-systems/truma-combi-eco](http://www.truma.net/heating-systems/truma-combi-eco) for a digital copy of the user manual.

The Truma system is installed in the interior compartment across from the entrance. To turn the Truma Combi system on ensure your power and propane are both turned on. Use the Truma control panel located on the exterior of the storage compartment housing the Truma Combi to set the desired temperature.

The Truma system can be used to provide either hot water only, forced hot air only or both concurrently. Please note however that using both the water heater and the forced hot air system at the same time will reduce the efficiency of both systems and cause the water to take longer to heat up.



## INTERIOR HEATER

Ducts for the forced hot air system can be found inside the OP4 LE. There are three circular outlet vents to exit hot air and one rectangular vent for return air inlet.



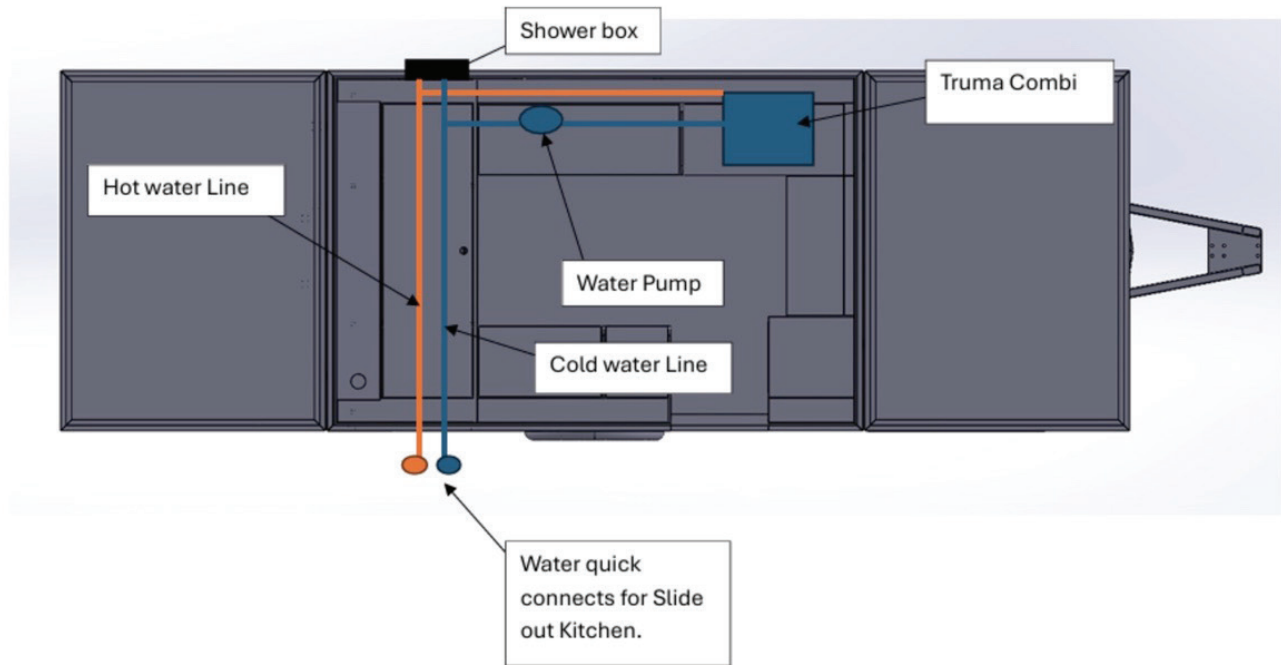
## WATER HEATER

The Truma has a 2.64gal holding tank capacity and uses water pumped directly from your potable water tank. The water will take approximately 20-25 minutes to reach temperature.



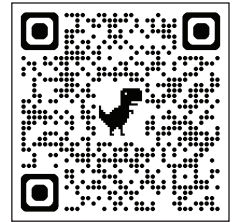


## WATER LINE DIAGRAM



### WINTERIZATION:

To winterize your water heater, you will need to access the three way valve inside your trailer. It's located in the storage well with your inverter. You will see an enclosed white wall with a black lid labeled "Winterization" - You will need to remove the three screws to access the winterization valve.



FIND FULL WINTERIZATION GUIDE FOR THE TRUMA COMBI IN THE CARE & MAINTENANCE SECTION.

### WARNINGS

- **WARNING!** Please keep all interior vents (air intake and exit) free of obstruction at all times. You must also keep the exhaust vent on the exterior front of the trailer free of obstruction too.
- **WARNING!** Scalding injuries are caused by hot water! Water temperatures over 127 °F (52 °C) can cause severe burns or scalding and in extreme cases even death. Always test the water temperature carefully before use.
- **WARNING! FIRE OR EXPLOSION HAZARD** - Failure to follow safety warnings exactly could result in serious injury, death or property damage. Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS:**
  1. Evacuate all persons from the trailer,
  2. Shut off the gas supply at the gas container or source,
  3. Do not touch any electrical switch, or use any phone or radio in the trailer,
  4. Contact the nearest gas supplier or certified service technician for repairs.
- If you cannot reach a gas supplier or certified service technician, contact the nearest fire department.
- Do not turn on the gas supply until gas leaks have been repaired.
- The Hot Water Shower is capable of producing scalding water temperatures. Please take care to ensure your safety and those around you when in use.
- **WARNING!** The exhaust gas and top of the Hot Water Shower is HOT! Do NOT place hands or objects near the top of the heater. Always allow the Hot Water Shower to cool before dismounting and stowing. Always dismount the Hot Water Shower before moving your OPUS® Camper.
- **IMPORTANT!** Use only with propane. If you smell gas, turn off the gas valve at the tank immediately. **IMPORTANT!** Always turn off the Hot Water Shower using the main power switch AND the propane flow at the Quick connect AND turn off the electric rear water pump at the control panel.

# ELECTRICAL SYSTEM

## 120 SHORE POWER - SAFE OPERATING PROCEDURES

- The OPUS® comes fitted with a 120 volt power system. This 120 Volt power system complies with NFPA and NEC regulations.
- The main circuit breaker and panel is located inside the OPUS in the floor well. Always ensure you have clear access to the panel and it is not blocked at any time.
- The exterior shore power hookup is located on the driver's side on the main body of your OP4 LE. With your OP4 LE we supply a 30ah shore power cable and yellow dog-bone connection for both campsite and home outlet connection. The power cable connects directly to the side of your OPUS. The dog-bone can be used to adapt the cable to plug in to your 3-pin socket at home.
- This shore power connection will provide your OPUS with 120v power to the three 3-pin sockets in your OPUS and provide power to your Victron battery charger to charge your batteries.
- Take care to ensure proper maintenance of the power cord and pigtail accessory items. Always use a Listed and approved 30ah cable and adapter and a grounded power source. Never use an extension cord.

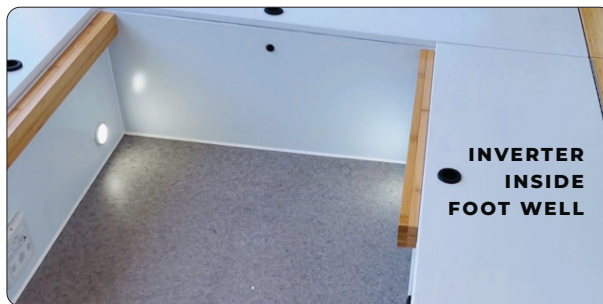
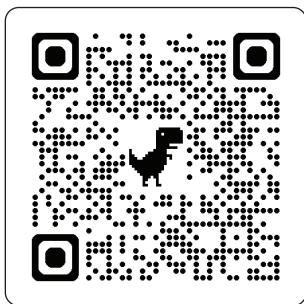
### **DANGER!**

Due to potential danger in failing to heed this warning, the recreational vehicle manufacturer cannot be held responsible should damage, injury or death result from failure to connect the power cord to a properly grounded power source.



## VICTRON INVERTER

- The OP4 LE comes with the Victron MultiPlus 2000VA Inverter. This is a combined inverter and charger in one package. Its many features include a true sine wave inverter, adaptive charging, hybrid PowerAssist technology, plus multiple system integration features.
- Download Manual here: <https://www.opuscamper.us/download/21547/?tmstv=1721074259>



### USING YOUR INVERTER

#### INVERTER SWITCH LOCATION

Your OP4 LE has a 12v to 120v changeover switch and inverter installed located in a compartment directly across from the entrance.



#### TURNING ON YOUR INVERTER

To turn on your inverter, make sure the power button on the side of the inverter is turned on..



#### NO 120V POWER SOURCE?

If you are not connected to a 120v power source (either a shore power connection or a generator) the inverter will AUTOMATICALLY begin converting 12v current from your batteries to 120v to supply any connected appliances connected to the 120v outlets.

### INSTRUCTIONS:

- Always make sure to turn on the inverter switch in the Victron unit.
- If you connect to shore power, the inverter uses shore power as main source with the help of transfer switch (takes 30 seconds) and at the same time it will charge the batteries. For this inverter charger, there is no need to adjust the setting for the battery type.
- If you are not using the camper for a long time, turn off the inverter switch, turn off the 300 A breaker switch, and turn off both 50 breakers.

When you use camper back:

- Turn on the 50 amp breakers.
- Turn on the 300A breaker switch.
- Turn on the inverter switch.

### BREAKER PANEL

Breaker Panel: The OP4 LE comes fitted with a 120-volt power system. This 120 Volt power system complies with NFPA and NEC regulations. The hookup for the 120v is located outside on the driver-side of the OP4 LE.

The main circuit breaker panel is located inside the OP4 LE in the foot well. If you're experiencing issues with your power the first time you use your trailer check the breakers as they might be turned off in new units. Always ensure you have clear access to the circuit breaker panel and that it is not blocked at any time.



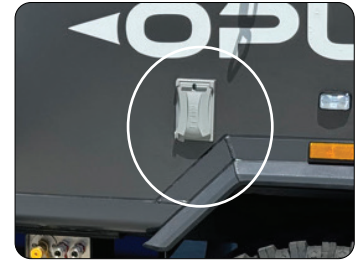


# ELECTRICAL SYSTEM

## 120 VOLT SOCKETS

The OP4 LE has 3 internal 120 Volt sockets and 1 external socket - Each socket is labeled inside the trailer:

1. Front: Located in the main battery compartment.
2. Cabin: Located on the same panel as your breaker box.
3. Rear: Located in the long storage compartment by the rear bed.
4. Exterior: Located on the center passenger side of the trailer.



## 12 VOLT - SAFE OPERATING PROCEDURES

You will need to charge your batteries for at least 24hrs prior to each trip using a 120v shore power connection to ensure that they are fully charged. The main control panel has a battery volt-meter that will provide an indication of the charge level of your batteries. A fully charged battery bank will be indicated by a full battery symbol and the voltmeter reading around 13.7volts.

If you are at a campsite with shore power then we recommend connecting for the duration of your stay to keep your batteries fully charged. If you are camping off-site without 120volt power then the length of time that your batteries will last will depend on how much 12volt energy you use, the 'health' or condition of your batteries and in some cases the ambient temperature. Your control panel will show you how much power you are using and how much remaining power is in your batteries to help you manage your power consumption.

Your 12v system is controlled by the main control panel which is located behind the exterior panel to the left of the door. On the panel you will find the main 12v switch. There are separate switches for the water pump, lights, 12v sockets, Fridge and Heater (Optional). To supply power to these features, use the main power key and turn the 12v power on your unit and choose the associated switch.



## LIGHTS

- In both exterior tool box/ fridge compartments there is an LED work light. This has an automatic on/off photo sensor.
- Inside the door there is a dimmer light switch that will control the interior foot well lights.
- There is also a rocker switch that controls the light for the exterior light mounted to the side of the OPUS by the kitchen.

## 12V POWER POINTS

The OP4 LE® has many 12v outlets that are a combination of standard 12v sockets, mini 12v sockets and USB sockets. There are also a range of 12v features included with the OPUS, all controlled by the main control panel, the locations of which are listed below. All switches have their own resettable breaker located above the switches.

- The internal 12v sockets and external 12v socket will operate on 12v power from the leisure battery; heavy usage and power-hungry appliances will deplete the battery's charge quickly.
- Inside the OPUS® there are four 12v mini sockets. These are for the 12v LED light strips.
- On the exterior, there is one 12v outlet on the main control panel and one by the slide-out kitchen. There are also two additional 12v mini sockets and a standard 12v socket. The two mini sockets are designed to operate the 12v LED light on the kitchen and a small canopy light. In the front tool box there is a standard 12v socket intended for use with the fridge. In the same area there is a small switch that operates the fan located in the door.

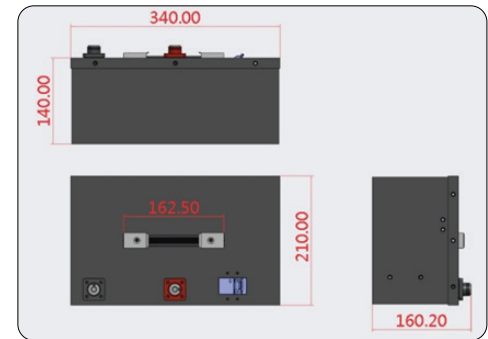


## OTHER 12V FEATURES

- The trailer lights and electric breaks are wired to a standard 7 pin trailer plug. The OPUS® is fitted with electric breaks and require an in-car electric break controller installed to operate.
- The battery charger is fully automatic and will recharge the battery if the OPUS® is connected to an electric hook-up.
- The battery will also charge whilst in transit if the tow vehicle has the 7-pin connection and DC - DC charger.

## BATTERY INFORMATION

- Battery type: 135ah Lithium Batteries
- Best way to charge: Apply saturated charge to prevent sulfation; can remain on charge with correct float voltage.
- Charge methods: Constant voltage to 2.40-2.45V/cell, float at 2.25-2.30V/cell. Battery should stay cool -- no fast charge possible.
- Charge time: 14-16 hours.
- Discharge: Can endure high peak currents. Avoid full discharges. Charge after each use.
- Storage: Keep cells at >2.05V. Apply topping charge every 6 months to prevent sulfation.
- Disposal: Toxic. Do not dispose. Electrolyte corrosive. Profitable to recycle.



### BATTERY BRAND INFO:

#### HENAN SAFECLOUD ENERGY INC.

Your OP4 LE has 2x 135ah Lithium Batteries installed. No. 3-4 standardization factory Runan county industrial parks ZhuMaDian city HeNan province. <http://www.safecouldenergy.com/>

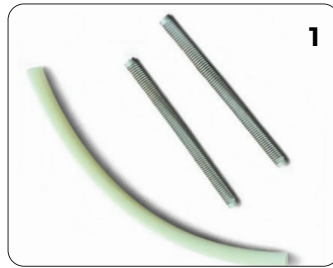
## DRAWING CURRENT WITH LITHIUM BATTERIES

Low Current Draw from Battery: Current consumption of 0.7 Ah per month (1 mA) @12 V and 0.6 Ah per month (0.8 mA) @ 24 V. Especially Li-ion batteries have virtually no capacity left when discharged until low voltage shutdown. After shutdown due to low cell voltage, the capacity reserve of a Li-ion battery is approximately 1Ah per 100 Ah battery capacity. The battery will be damaged if the remaining capacity reserve is drawn from the battery. A residual current of 10 mA for example may damage a 200 Ah battery if the system is left in discharged state during more than 8 days.

# AIR CANOPY SET-UP

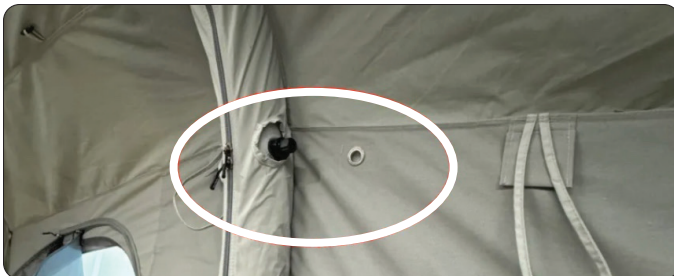
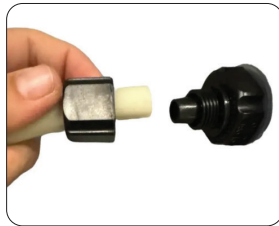
## AIR CANOPY PARTS:

1. Valve Connector w/ 2 Springs
2. Canopy w/ 1 Storm Bar
3. 1 Air Beam Patch Kit



## STEP 1:

- Locate the canopy air transfer valve inside your OPUS. This is the black valve located on your main air beam in the camper on the door side, just above the window.
- Install the Cross Filling Tube by unscrewing the top of the black valve, pushing the gray tube on to the valve and then threading the top of the black valve over the tube and twisting it on. Thread the end of the Cross Filling Tube through the silver loop hole in the OPUS side wall.
- Open the air transfer valve – This will cause your tent to deflate. You can also open the quick release valves to deflate faster. You will need to do this to attain easy access to the zip line attachment on the front face of your tent.



## STEP 2:

- Open up AIR canopy and identify the zip & Velcro line which is how you will attach the canopy to your main tent and layout your canopy with the two front leg beams furthest from the camper.
- Zip – Our recommendation is to stand between the OPUS and the canopy and start zipping at the door side, walking backward between the OPUS and the canopy as you close the zip. This will assist in locating both the Cross Filling Tube that you installed on the main OPUS tent as well as the receiving valve on the canopy-side about halfway along the zip line. The receiving valve is located on the central air pole of your canopy





## STEP 3:

- Once located, connect the Cross Filling Tube to the receiving valve on the side of the canopy. Take care to ensure that the spring is inside the gray tube to help protect the hose from getting kinked. Install the tube to the receiving valve in the same way as in step (1) except you will need to thread the top of the valve onto the Cross Filling Tube before you push the tube onto the valve. Twist the top of the valve on, to secure the tube in place.
- Open the valve on the canopy-side. Finish zipping the canopy to the side of the OPUS and fold the Velcro flap over the zip.



## STEP 4:

- Ensure both quick-release valves are closed on the canopy legs and all 5 on your OPUS main tent then press the AIR compressor button on the control panel and wait for the canopy to inflate.
- Keep an eye out for obstructions and when the canopy is starting to form, feel free to help guide the air beams to assist an easy flow to form final canopy structure.
- Once your canopy has inflated, you may find that the position of the AIR poles needs adjusting so that the canopy is fully tensioned. There are black straps between the beams on the main tent section, which will help to ensure the optimal placement of the beams. You can then peg the corners and guide ropes of the AIR canopy to the ground to secure your position.



# NEW TRAILER PREP / LIFE & FIRE SAFETY

## NEW TRAILER MAINTENANCE

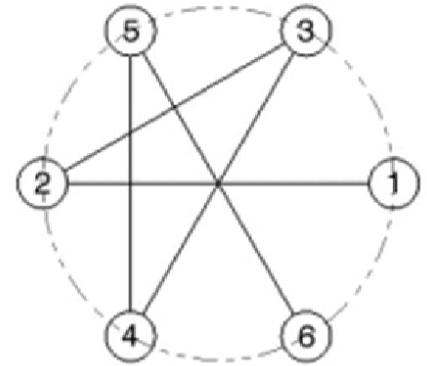
### TRAILER BRAKES

Your electric drum brakes require a break-in period to achieve full and proper performance. This applies when you first receive your new OP4 LE then after new parts are installed as part of your maintenance schedule. Your OP4 LE brakes should be adjusted after the first 200 miles then every 3000 miles after that. We highly recommend that all brake adjustments, maintenance and servicing is carried out by a qualified technician at your OPUS dealership.

CAUTION! You may need to adjust your brakes more frequently dependent on variations in cargo weights.

### SUSPENSION, WHEEL & HITCH BOLTS

After your first 50 miles then 500 miles after that please check the suspension bolts, wheel nuts and hitch bolts to ensure that they have maintained their tightness.



6 LUG BOLT  
PATTERN

1. STEP 1: This should be completed with a torque wrench to 100 ft lbs.
2. STEP 2: When tightening wheel nut lugs, please tighten bolts in a star-pattern order as indicated in the diagram.
3. STEP 3: After that, check your bolts every 2000 miles and always before an extended trip.

### POTABLE WATER TANK

Please ensure you sanitize, flush and drain the water tanks before first use. Please refer to the water tank maintenance section for more information on this topic.

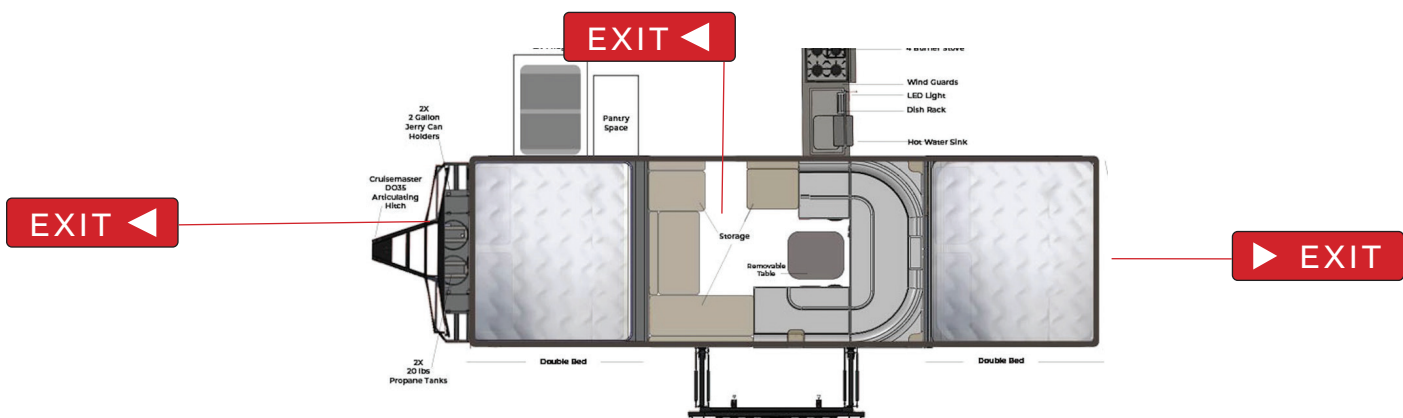
## FIRE & LIFE SAFETY DEVICES

Your OP4 LE is fitted with a number of fire and life safety devices and comes with manuals and instructions for operating each device. These include:

1. PROPANE GAS & CARBON MONOXIDE ALARM—Locate in the foot well directly opposite the main door
2. SMOKE ALARM—located on the wall just inside the door to the right
3. FIRE EXTINGUISHER—located inside and to the right of the door.
4. EMERGENCY EXITS - Are shown on the below floorplan. They are 1) The main OPUS door; 2) Out of the front bed-end tent by zipping open the inner-tent window and then opening the zip along the BOTTOM of the main tent (see image); 3) Out of the rear bed using the same method as in 2.

WARNING! It is possible that the alarms may sound when the sensor is covered by objects or using products that give off vapors such as cleaning fluid, aerosols, adhesives etc.

WARNING! Failure to regularly test and properly maintain these devices may lead to serious injury or death.



## CARING FOR YOUR CANVAS

Your tent is made from poly-cotton, a canvas type material. This has many benefits as it is breathable and results in a cooler interior in warm/ hot weather and a warmer interior when in use in cooler weather conditions.

Your tent requires care and **MUST NOT** be left wet/damp when packed away. If you need to pack down your OPUS® when the canvas is wet, it is very important that the OPUS® is opened up to dry off as soon as possible (within 24 hours).

- Except for the supplied gas hob, do not use a gas appliance or open flame inside the OPUS® and do not subject the tent to fire.
- Maintain adequate ventilation in the camper at all times, especially when sleeping.
- Allow condensation to clear and dry before packing/storing the camper.
- Regularly check the seams of the tent and if required apply some seam sealer such as Kampa Seam Sealer or suitable alternative. Follow the product instructions and allow to fully dry before packing.
- Regularly check the Velcro straps and seams, along with the clips on the inner tents. Never force the zips of the tent to open or close; inspect for any issues and rectify as necessary.
- Ensure the zips are used and cared for properly, if needed a zip lubricant can be used to allow for smooth operation.
- Regularly inspect the tent for holes, rips/tears and damages and have a suitable tent repair kit for use in emergencies.
- **Take care when setting up and packing down the camper to ensure the tent, and the annex beading is not caught or snagged, should this occur retrace the steps and retry making sure the issue is rectified.**

Should a rip/tear occurs, assess the damage before taking action. If unsure contact us on 925 215 7315 for advice. Small rips/tears can be repaired using the appropriate repair kit without the help of a professional; should the damage be significant or exceed your capacity, please contact us.

- Clean the tent with warm water and a soft sponge (without a scourer), this may require complete set up of the camper (fully tensioning the tent) depending on the location/severity of the stain; allow the tent to completely dry before packing.
- Do not use washing up liquid, detergent or anything stronger as this could adversely affect the tent or result in some damage. The tent is NOT machine washable.
- AVOID sharp objects near the tent canvas; sharp/pointed objects and poles should be stored on the floor away from the tent to avoid damage.
- When the camper is packed, ensure nothing is sticking out and a proper seal is achieved around the periphery and the center (seal to seal contact).
- AVOID strain on the inner tents by loosening the attachment straps when necessary

## WEATHERING

Your tent has been manufactured using a polyester/cotton fabric. Before a polyester/ cotton canvas is used for the first time, it is important that the tent is weathered. Inflate the Air tent following the inflation instructions when rain is expected. When the cotton becomes wet for the first time, the weave of the cotton will close. There is no predetermined time for weathering so please do not be surprised if there is leakage through the canvas and seams the first few times it rains.

- Your OPUS® Air tent is made from the best available materials. On first examination, you may find some slight variances in color, thick threads, pigment stains and changes due to the weather and the environment. These are all normal and will not affect the continuing performance of the product and are not faults or errors.
- When your Air OPUS® is not inflated, the window material may pick up some impressions from zips, etc., This is quite normal and some of these impressions will disappear over time but some may remain. This is not a fault.
- The inside and outside of your tent can be cleaned but only with fresh clean water and a damp cloth. **UNDER NO CIRCUMSTANCES MUST DETERGENTS OR CHEMICAL CLEANERS BE USED AS THESE WILL DAMAGE YOUR CANVAS.**



# REPLACING AN AIR BEAM

## WEATHERING CONT.

You may also experience, depending on the weather and use, condensation. This should not be confused with leakage. To reduce the risks of condensation, please ensure your product is adequately ventilated. Please note that under certain conditions, all tents will suffer from internal condensation depending on atmospheric conditions, the weather, the amount of moisture in the air/ ground, evening and night time temperatures etc. Condensation can be quite severe causing a film of water on the inside of your tent (roof and sides) which may drip onto items in your tent and in severe conditions can leave puddles of water.

Zips should be treated with care, use two hands when closing and opening and do not step on them during set up or take down. Never force a zip. If a zip opening is tight it is more than likely because your tent is not aligned correctly. Candle wax may be used to help a zip run more smoothly.

Please remember that your air tent is a temporary structure made from natural fibers. Please note that fiber products used in outdoor applications may have a lower product life because exposure to UV or acid rain. Discoloration of the fabric may be an early indication that your tent has been attacked. To limit damage by UV, where ever possible, please site your air tent in a shaded area avoiding direct sunlight. Please be aware that continuous exposure is a more serious problem than intermittent exposure, since UV attack is dependent on the extent and degree of exposure. Fabrics can be weakened by prolonged exposure to sunlight and use for extended periods in strong sunlight will soon cause deterioration. UV degradation is not covered under the air tent's warranty. The Warranty does not cover air tents used permanently or for display purposes.

Your OPUS® Air tent has been manufactured using a special sewing thread which expands and swells to close the holes made when stitching the product. The thread swells and expands when wet. It may take a few times for the holes to completely close.

## ACCESSING & REPLACING AN AIR BEAM

If you suspect your AIR tent has a leak and you have tried 1) removing and capping the main AIR inlet valve and 2) opening and re-closing your AIR quick-release valves, we recommend closing off your isolation valves for each beam. These are located behind the quarter-circle zips in the roof of your air tent. Twist the rear ring towards the "closed" position as indicated on the valve. The Air beam with the leak can be identified by a softening or complete deflation of the beam or a hissing sound of air escaping.

If you are in the field and can locate the source of the leak, you may be able to use the patch kit provided to patch the leak as a short-term fix in the same way that you would patch a bicycle tire. When you return home, contact OPUS HQ or your dealership and use the AIR Beam map in this manual to order your replacement AIR beam. All AIR beams and valves are covered under warranty for two years.

In some cases, you may find that simply by closing the isolation valves your tent stops deflating; this is an indication that the issue is in the valve or transfer hose and air is escaping when the valve is open. You can make sure that the gray transfer hose is correctly seated on the valve by unscrewing the front part of the valve that holds the gray hose in place. Push the gray hose back over the valve and screw the front part of the valve back on. If this does not resolve the leak then it is likely that the valve will need replacing. As the isolation valves are integral to the AIR Beam, the whole beam will likely need replacing.

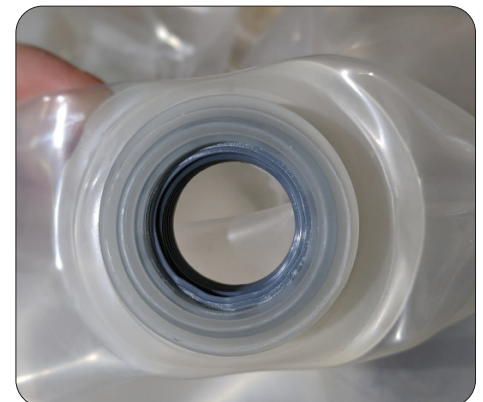
To inspect or replace an AIR Beam, follow the below instructions to disconnect from the main tent. Depending on which beam you are replacing and its location, you may find it easier to keep your isolation valves closed with your AIR tent inflated to replace the beam.

1. Ensure all LED lights are off & unplugged whilst replacing the AIR Beam and that 12v power is turned off and shore power is disconnected. Carefully locate the faulty beam and deflate it enough so that you can manipulate the beam. Depending on the location of the beam, this may cause the tent to collapse partially which can cause a trip hazard if you are working from inside the tent. We recommend having a second person help to hold the tent up and maintain access to the exits.
2. Unzip the beam from the outer layer protective layer and remove Velcro straps.

3. Disconnect the faulty beam from the AIR transfer hoses connecting it to the rest of the tent. Make sure the isolation valves are in the closed position on both sides of the AIR transfer hose. Unscrew the front part of the isolation valve until you can slide it along the gray hose. Pull the gray hose off of the valve. It is not screwed or glued in place, just a tight fit. Take care not to damage or stretch the gray hose and do not use tools to pry it off.



4. If the air beam you are replacing is 1T through 5T then you will need to disconnect the exterior quick release valve. Unscrew the valve including the larger retaining nut at the back of the valve. This will allow you to push the rubber part of the valve connected to the air beam through the main tent and disconnect it from the inner protective layer.
5. You should now be able to remove the faulty AIR beam inside the inner protective sheath. Please note that it may be held in place by Velcro at the ends. You can now unzip this and remove it for inspection and patching or replacing.
6. Next, take your repaired or replacement AIR Beam and insert it back into the inner protective sheath. Take care to avoid damaging the exposed rubber beam and do not catch the beam in the zip. Make sure there are no twists in the air beam and that the valves properly fit through the apertures in the sheath.
7. Re-insert the beam into the main tent. If the beam is 1T through 5T you can start by feeding the quick release valve back through to the exterior of the tent and replace the retaining nut and valve.
8. Re-connect the AIR transfer hose on the main tent to the new beam. Push the gray transfer hose over the isolation valve on the new beam and screw the front part of the valve back in place on the valve. Please note that you may find this part on the isolation valve on your new AIR beam too - if so, please retain this as a spare.
9. If you are satisfied the replacement AIR beam has been inserted correctly and the tube is fully inserted into the valve, zip the new beam inside the outer protective layers attached to the tent and replace the Velcro straps. Position the ends against the Velcro on the other beams or the interior furniture as required.
10. Open your isolation valves on the new beam and on the connecting AIR beams. You should hear and see the new beam fill with air quickly. Depending on which beam you are replacing, you may need to open the rest of the isolation valves and press the AIR compressor button to fully inflate the tent.



# EXTERNAL & INTERNAL CARE

## CUSTOMER'S RESPONSIBILITIES

In order to ensure you get the most out of your OP4 LE and that warranty claims may be processed in a swift and timely manner, we ask that our customers adhere to the following guidelines:

1. Regular and proper maintenance of your OP4 LE, including but not limited to the steps outlined in this user manual. If you have maintenance or service questions not covered by this manual OR you notice something out of the ordinary with your camper please contact your dealership for more information This includes scheduled maintenance of your OP4 LE and addressing any issues as they arise and without delay.
2. Get to know your OP4 LE well. By learning about your camper and its components you will get an enhanced user experience and avoid issues arising from mis-handling as well as become more likely to spot if something requires additional servicing.
3. It is the responsibility of the OP4 LE owner to ensure all warranty work is completed by an approved OPUS dealership. Failure to do so may result in incomplete or refusal of warranty claim repair cost reimbursement.

Any modifications without written consent from OPUS Camper could result in loss of warranty coverage. Contact us or your dealer before completing any work.

## EXTERNAL CARE FOR YOUR OP4 LE

- Inspect the outside panels of your OPUS® including the roof (bed lids) for any damage, cracks or wear. Proper maintenance of seals is necessary to keep moisture from entering and causing severe damage such as rot, mold or mildew. If you find dry, cracked or weathered seals, reseal or replace as necessary. Check with your dealer for the type of caulking required for and correct methods of resealing or replacing.
- Inspect the sealant around the panels to verify that there is adequate bonding around the body panels and exterior features such as the front storage box/fridge cabinet. This is especially important after an impact/accident to the camper to ensure the integrity of the body's resistance to water ingress.
- Regularly check the seals (inner and perimeter) of the camper, to ensure there has been no damage. Ensure your OPUS® is packed properly on level ground to seal the camper and prevent water ingress. Failure to properly maintain your seals may be classed as neglect of maintenance and a decrease in coverage under your warranty
- Prolonged exposure to mud, dirt and salt may deteriorate the finish of the camper.
- Extended exposure to sunlight, air pollutants and excessive moisture can also negatively impact the finish of the camper. We recommend regular washing and protection during storage to maximize the lifespan of the finish.
- Inspect the condition of the frame, under-body, suspension and chassis regularly to keep it clean and address any damage that may lead to rust. This is particularly important when driving during winter when road salts are in use. Always clean down your trailer fully if you have driven in snow, mud or wet conditions and is road salt use is suspected.
- The body of the camper can be washed with soap and water using a soft sponge. Rinse the camper thoroughly after washing. A damp cloth may be preferred especially for small spots and dirt. Do not use a pressure washer as this can damage the finish. Avoid spraying water into vents and seals.
- Specialist products such as 'Waterless Wash and Shine' products may be used where/when adequate water is not readily available. Read and follow the instructions carefully and it is advisable to try any product to be used on the camper on a small inconspicuous spot to ensure/verify it is suitable before full use.
- Any form of damage or scratch to the paint work or finish of the camper on the body may be repaired or cleaned by using a suitable 'touch up' stick/paint. Contact OPUS® camper directly for further information.
- If your camper has been vinyl wrapped to a custom color care must be taken to prevent peeling of the wrap if a scratch or tear has occurred on the body panel.



## INTERNAL CARE FOR YOUR OP4 LE

- All cabinetry in the camper should be kept clean for maximum longevity; stains can be wiped off with a small cloth. A damp cloth may be all that is required to remove most stains.
- Wipe off any spills and water residue on the units as soon as they occur to prevent damage to them or other features of the camper such as the electrics.
- AVOID using abrasives including sponge scourers to clean the units as these may cause scratches and issues with the finish of the units.

## STORAGE

- The OP4 Limited Edition comes with a top weather protector for storage purposes. We encourage you to use the cover when your trailer is not in use to avoid damage to your trailer.
- AVOID placing hot objects/containers (cups/saucepans etc.) on the units directly; use a suitable mat/cover to prevent marking the surfaces of the units.
- The cushions in your OPUS® camper are durable and simply require proper care and use: Clean off stains and dirt on the cushions as soon as they occur; this can easily be done using a damp cloth. Avoid soaking the cushions or prolonged exposure to water and ensure they are thoroughly dry before packing the camper.
- Vacuum the cushions (and the trailer) regularly or as often as needed depending on level of use. Pay extra attention to the trims as these may contain some dirt or undesirable items.
- AVOID stepping on the cushions with shoes or placing dirty items on them.
- Condensation is caused by warm, moist air coming into contact with cold surfaces. Moisture can be introduced into your OP4 LE from the shower, warm bodies breathing out water vapor and perspiring in an enclosed, sealed space. If condensation is left unaddressed for long periods it can lead to mold.
- Be sure to check all water pipes, joints and fittings regularly for signs of leaks or seal failure. Water leaks can cause major damage inside your OP4 LE. This also extends to all exterior joints, pipes, or damp areas which can be damaging to your health.

## DO NOT STORE WET OR DAMP!

- Pack down the trailer correctly and ensure nothing is out of place e.g. no canvas outside of the trailer, all windows and skylights are closed, all rubber gasket seals for storage compartments are intact and storage compartments are fully closed.
- It is strongly advised that you use a storage cover for your OP4 LE if it is to be stored in an uncovered location. The OPUS storage cover provided with your camper is engineered for the OP4 LE specifically to ensure all features are protected. The storage cover is advised for an extended period of storage to keep your camper in pristine condition. Storage under a protective shelter is recommended.
- Clean off dirt and grime on the unit from traveling/terrain to keep your camper in good condition and maximize its longevity. Keep the roof free from snow and ice. Check it periodically and after a heavy snowfall.
- Regular battery maintenance checks will prolong the life of your battery—see below section on maintaining your batteries during storage.
- Ensure the water tanks are emptied after use, and contain no liquids if being stored—see below section on water tank maintenance for further information.
- Store on a level surface, turn off all electrical switches and appliances, cover exterior appliance vents to prevent moisture and insects from entering during storage. Storage on uneven ground can prevent proper drainage windows and seals leading to water ingress and potential mold or condensation issues.
- Check the interior of the camper periodically to be sure leaks have not developed or that condensation has not formed, causing damage to interior components. To reduce the possibility of condensation, air out the OP4 LE occasionally during storage.

# CARING FOR YOUR WATER TANKS

## POTABLE WATER SYSTEM

Please ensure you sanitize, flush and drain the water tanks before first use and after any period of storage. To maintain the cleanliness of your potable water tanks please ensure you ONLY use water from a reliable source and that all water is flushed from your potable water tanks after each trip or every two weeks when in use. Do NOT store water in the tanks for more than two weeks.

### **DRAIN YOUR POTABLE WATER SYSTEM:**

1. Turn off the water pump
2. Both potable water tanks have a drain plug. Open this plug to allow remaining water to gravity drain.
3. Open your faucet & shower to allow any residual water to drain. Close the faucets again.
4. Ensure the drain plug is closed again before re-fill the tanks.

We strongly recommend sanitizing your potable water tanks at least once every six months. If you suspect an issue with the quality of the water in your tanks or notice discoloration, odor or foul taste you should sanitize immediately. Always check your potable water source and use a fill hose listed for use with potable water.

### **SANITIZE YOUR POTABLE WATER SYSTEM:**

1. Flush all water from system as detailed above
2. Use a potable water sanitizing product such as Camco TastePURE Spring Fresh Water System Cleaner
3. Do NOT use bleach to sanitize the tanks as they are stainless steel and it will cause corrosion
4. Follow the steps as directed on your potable water sanitizing product to fill, sanitize and purge as required.

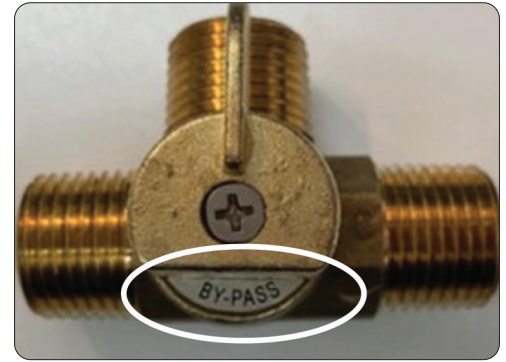
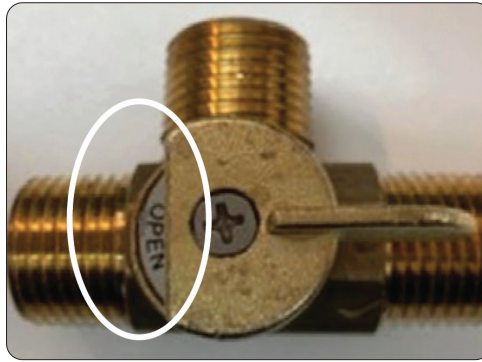
### **WINTERIZE YOUR POTABLE WATER SYSTEM: TRUMA COMBI**

Please follow these directions to avoid running RV winterizing fluid through your Truma Combi water heater - Doing this can cause corrosion and damage your Truma Combi. Be advised that your Truma Combi system has a holding tank in it. Please ensure you carefully read the Truma Combi system manual for steps to drain the water heater tank of this appliance and prepare it properly for winterization. Always wait for the water heater tank to cool before draining. More information can also be found online at [www.truma.net/about/news/winterizing-your-truma-aquago-or-truma-combi](http://www.truma.net/about/news/winterizing-your-truma-aquago-or-truma-combi).

### **Please follow these steps to winterize your water system:**

1. Locate the 3-way valve in the inverter compartment inside the white box labeled "Winterization"
2. Turn the 3-way valve into the bypass position
3. Attach the clear vinyl hose to the 3-way valve & hand tighten
4. Attach the other end of the hose to your preferred winterization fluid or cleanser.
5. Open all water release points ( Shower, Sink etc.) and run your water pump until winterization fluid is running through all outlet points. This indicates that winterization fluid has been run throughout your water system.
6. Close water release points and turn off pump
7. Remove the clear vinyl hose and cap the 3-way valve again
8. Remember to purge the water from your water tanks using the valves on the bottom of the tanks

## WINTERIZATION PARTS GUIDE



## BATTERY MAINTENANCE DURING STORAGE

We have spec'd the Opus so you have the ability to leave your Opus plugged in without the need to remove the 30ah cable. We have done this for easy battery maintenance and care to protect your batteries from being completely depleted over long periods of storage which can cause your batteries to degrade faster.

### OPTIONS FOR WINTERIZING YOUR BATTERIES:

We recommend periodically checking your camper or batteries during storage to ensure your chosen storage option continues to work appropriately. Batteries that are not stored appropriately and are allowed to fully discharge may need additional charging outside of your OPUS as the battery charger will not work below a certain voltage. Batteries that are left to discharge below 12volts may get damaged and not hold charge properly going forward. This damage is not covered under your OPUS warranty.

#### OPTION 1: PLUG IT IN

OUR RECOMMENDATION IS TO LEAVE THE CAMPER PLUGGED IN.

You have the ability to leave you OPUS plugged in without the need to remove the 30ah cable. It was designed for easy battery maintenance to protect your batteries from depleting over long periods of storage. You can maintain your battery using the charge wizard charge controller installed. We have done this because the CO/LP Alarm is hard wired to your batteries and therefore your batteries will supply a constant current to this appliance.

#### OPTION 2: REMOVE YOUR BATTERIES

If you choose not to leave your trailer plugged in, you will need to disconnect and remove your batteries entirely from your system. Please follow the below instructions to do so:

1. Completely charge the battery before storage.
2. Store the battery in a cool, dry location. Heat is a battery killer.
3. Completely remove all loads from the battery posts.
4. Monitor the specific gravity or voltage.



## RETURNING TO THE ROAD

Ensure that your camper and accessories are fit for the road and you adhere to all local laws.

1. Check the wheels and tires and ensure they are in good condition with the bolts correctly torqued.
2. Check tire pressures once a month and before any extended trips
3. Check to ensure all bolts are tightened on the under carriage.
4. Check the lights and fittings and ensure they are functioning correctly.
5. Check the brakes are in good working order
6. The chassis/running gear and the gas installation of your OP4 LE camper should be checked on an annual basis by a qualified service center.
7. Purge your water tanks of winterizing fluid
8. Sanitize your potable water tank and add a treatment to the tanks as required.

### DE-WINTERIZATION-RETURN TO THE ROAD

1. Remove the winterization fluid and flush the water system with fresh water from your water tanks.
2. Use a sanitation fluid in your water tanks to freshen and clean your water system
3. Locate the 3-way valve in the inverter compartment and change the valve position to open.
4. Open all water release points (Shower, Sink etc.). Make sure all the winterization fluid is off from the system.
5. Change the 3-way valve in the Truma combi compartment to Open Position.

## GREASING & SERVICING

The electrical and propane systems will need to be checked over by an RV service technician. The lug nut torque requirements are 100ft lbs.

### WARNINGS

Never use the leveling jacks to lift the trailer completely from the ground for any reason including servicing, repair work or tire changes. To do so would cause the trailer to become unstable and unsafe. Always use proper lifting equipment or have the work completed at an approved service location.

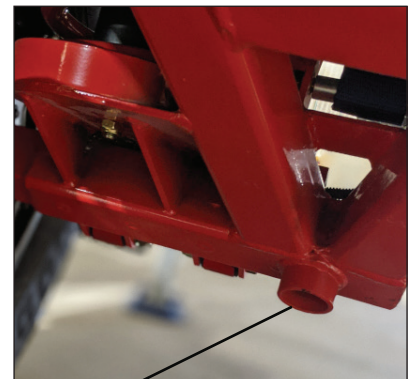
The servicing schedule may be affected by your usage amount and operating conditions. Discuss your intended use and servicing timetable with your dealership to find the optimum schedule for your OP4 LE. It is always better to attend to or catch small problems early or before they occur rather than allowing problems to become larger or impact other systems or areas of your trailer. Failure to service your trailer in a timely manner may mean that issues may fall outside of or void your warranty due to failure to complete proper maintenance (neglect).

The servicing requirements are:

- Check the wheel bearings every year - ensure these are checked by a qualified service technician.
- Check the lug nuts every 2000 miles - this includes the spare tires nuts.
- Check the tire pressure every 2000 miles - the tire sticker on the interior of the door will supply the appropriate pressure.
- Have the dual coil suspension serviced every year; a dealership will complete the following services:
- Check and ensure the Zerk fittings on the suspension are in good condition and that these are removed and the suspension well oiled.
- Utilize a grease gun kit and some Moly-Grease .
- Check that the coil suspension is well greased (Moly-Grease suitable for suspension coils will also be acceptable here).
- Grease the hitch with some compound similar to Reese Heavy Duty Hitch Lubricant .
- Winterize the water tanks (see water system care & maintenance section).
- Look for signs of chipped paint around the body work. We can supply a cover paint kit to dress this.

## CHANGING A TIRE

- Ensure you are on level ground
- Deploy your corner steadies
- **\*Important\*** DO NOT use your corner steadies to lift the trailer off the ground
- Use a jack on the suspension lift point to raise your trailer
- Change your wheel



Torque all wheel bolts to 100ft lbs. When tightening wheel nut lugs, please tighten bolts in a star pattern order as indicated in the diagram to the right.

**Suspension Lift Point for Jack**

# WHAT'S INSIDE YOUR CAMPER?

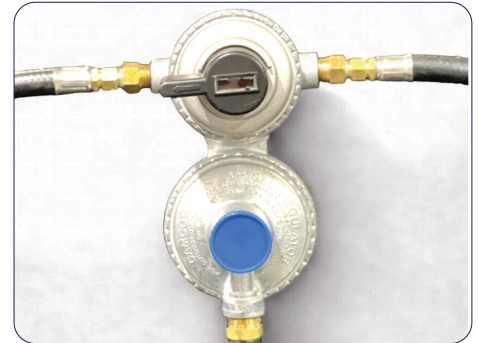
PATCH KIT FOR TENT



WHEEL CHALKS



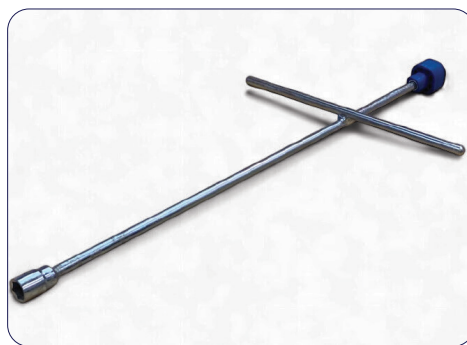
SPARE PROPANE REGULATOR



MANUAL AIR PUMP



MANUAL CRANK FOR STABILIZER



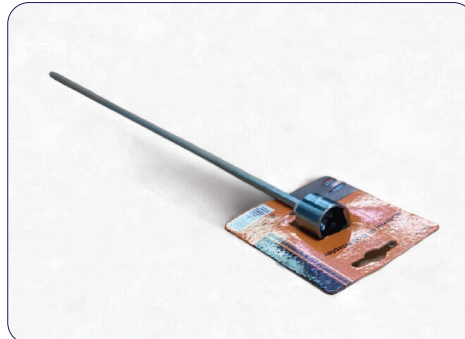
SHORE POWER EXTENSION



EXTRA KITCHEN SUPPORT LEG



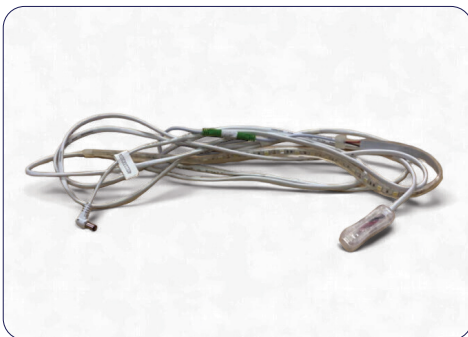
DRILL BIT ADAPTER



EXTERIOR LED LIGHT



EXTRA INTERIOR LIGHTS



SHORE POWER PLUG



VEHICLE SIDE HITCH





**ISSUE: WATER PUMP IS RUNNING WHEN ALL FAUCETS & VALVES ARE CLOSED**

Troubleshoot: Possible leak in the system? Identify leaking fitting and attempt to tighten the fitting; usually hand-tight should be sufficient without the need for a wrench which could potentially over-tighten and damage the system. If still leaking, disconnect and check for debris or degrading within the fitting.

**ISSUE: WATER PUMP RUNNING BUT NO WATER AT FAUCETS**

Troubleshoot: No water in tanks? Check for faulty sensor that could be misleading you to think that there is water in the tanks. Possibly the sensor needs cleaning or replacing.

**ISSUE: STOVE TOP WON'T STAY IGNITED.**

Troubleshoot: Press and hold the ignition/ dial for 10 seconds to overcome the safety thermocouple.

Consider the outside temperature; cold weather can cause the BTU of propane to drop. This can impact overall performance of the propane system. Keep your propane tanks full during cold weather and check other appliances that might also be using propane at the time. Be sure to turn your propane on slowly so you do not flood the regulator and cause it to shut off for safety. Search for kinks in your propane line within the kitchen slide out frame between your stove top and gas quick connect.

**ISSUE: PROPANE WON'T TURN ON**

Troubleshoot: For ERROR E16 & ERROR E2, check your propane levels to ensure your tank isn't empty or running low. Please read the TRUMA user manual for this appliance that is provided with your OP4 LE for full instructions and maintenance. Failure to follow the manufacturer's instructions can lead to damage, serious injury or death. Damage to the appliance or the OPUS as a result of failure to follow the manufacturer's guidelines for use and maintenance is not covered under warranty. Model: TRUMA VARIOHEAT COMFORT FURNACE 16,000 BTU

**ISSUE: CAMPER ISN'T CHARGING WHEN CONNECTED TO SHORE POWER**

Troubleshoot: Check that the 30amp power cord is functioning by looking for the green light on the end of the power cord. Check that the Victron charger is receiving power by looking for the green lights on the Victron. If no green lights are showing, check that it is plugged into the 3-pin socket in the same storage compartment that it is mounted in. Then, check that the breakers in the 120v power panel in the foot-well of the camper are all in the 'on' position.

Please note that if you have run your batteries down to a very low voltage or stored your OPUS without connecting to power you may need to place your batteries on an automotive trickle charger on the lowest setting for 48-36 hours to revive them; the Victron will not re-charge batteries with a very low voltage/ completely dead battery. Please note that we do NOT recommend allowing your batteries to get below 12volts as they will begin degrading which will result in a shorter lifespan of your batteries.

**ISSUE: FRIDGE SHOWING LOW POWER**

Troubleshoot: Ensure your fridge is set to 'Lo' by toggling through the options on the digital panel or using the App. This is the optimal setting for your fridge to run off of the batteries. Make sure your batteries are putting out enough voltage (see page 26-27 for more information on the battery system and page 21 for more info on your fridge)

### OPUS LIMITED WARRANTY

Thank you for purchasing an OPUS® Product. This OPUS Limited Warranty (the “Warranty”) is the sole and exclusive warranty made or authorized by OPUS applicable to Camper Trailers and Trailer Mounted Tents (each a “Covered Product” and collectively “Covered Products”) so long as such items are used exclusively for recreational purposes in the United States or Canada for the 2025 model year purchased on or after September 2024. Please refer to this link to view prior warranties. Please review this document carefully and should you have any questions, please contact OPUS. By purchasing a Covered Product, you agree to all of the terms and conditions set forth in this Warranty.

Important Information Regarding Warranty Service and Repairs. Before making your purchase, please take note of the OPUS in-network service and warranty location nearest to you to ensure coverage is available locally. This OPUS Warranty covers warranty repair and service at the authorized dealership where you purchased your product. Warranty repair and service may be available at other authorized OPUS dealerships but please be aware that not all dealerships accept service appointments from customers who did not purchase their product from that dealer so please check prior to your purchase. This Warranty does not promise or extend to the future performance of a Covered Product and does not make any representations about how such Covered Products will perform in the future. This Warranty only covers the original purchaser’s remedy in the case where a Substantial Defect in materials or workmanship attributable to OPUS’ manufacture and assembly of the Covered Product exists, not Damages. “Damages” include issues or repairs stemming from misuse or collision that occurs after the purchase of the Covered Product by the first retail purchaser as well as due to a lack of maintenance (described below).

Warranty Period; Covered Items. The Warranty will be in effect for the following periods (the “Warranty Term”):

For ninety (90) days from the original date of purchase, the Warranty will cover seals and sealants. Thereafter, the owner is solely responsible for such items are part of recommended maintenance.

For twelve (12) months from the original date of purchase, the Warranty will cover all fittings, fixtures, canvas components, and poles.

For sixty (60) months from the original date of purchase, the Warranty will cover the original purchaser from any defects in suspension components including the chassis, swing arms, and suspension springs.

For sixty (60) months from the original date of purchase, the Warranty will cover the original purchaser from any defects in structural components including the sidewalls and skeletal framing.

Valid Claims and Exclusions.

The Warranty is valid only from the date of original purchase of a Covered Product. It is non-transferable and is available only to the original purchasers. The Warranty only applies to Covered Products sold as “new” and does not extend to any items sold as “used” or “pre-owned”, sold via auction, as “factory seconds”, demonstration models or “damaged” which are sold “AS IS” unless otherwise stated in writing as part of the purchase contract. The Warranty is not transferrable under any circumstances and shall become null and void immediately upon the sale or other transfer by the original purchaser. The original purchaser may not make any Warranty claims on behalf of a transferee. This Warranty shall not apply to any products purchased as “new” from OPUS or an authorized OPUS dealer and then used for “hire schemes,” rentals, or for commercial or business purposes. The Warranty is limited to Covered Products purchased for recreational or personal use. All Warranty claims must be lodged by contacting your dealership.

The Warranty does not cover, and OPUS shall not be obligated to provide Warranty service or repair as a result of, any damage due to or as a result of any unauthorized modifications, misuse, abuse, collision, improper loading, incorrect assembly, incorrect or improper storage and packdown, improper or inadequate maintenance for recommended items (such as seals and sealants (after 90 days from original date of purchase)), lubricants, fluids and filters.

Additional Exclusions. The following items or not covered by this Warranty:



## WARRANTY: OP4 Limited Edition

Impact or stone damage to body, chassis, or running gear; soiling of fabrics and internal fittings or fittings from dust, dirt or other airborne substances; water damage from flood, water crossings or dangerous road conditions; fire; movement or damage caused by dislodgement of appliances and fittings resulting from hard impacts, heavy landings, or severely rutted roads or tracks; road damage, improper load balancing, vandalism, general damage arising from misuse; rust or corrosion; exposure to the elements; infestation by insects or animals; improper ventilation, interior or exterior condensation, mold, mildew or fungus; improper storage; damage caused by tow vehicle, improper selection or installation of a tow hitch or tow vehicle, weight distribution; wheels and tires; paint; travel covers and straps; general consumables (e.g. bearings, light bulbs; damage due to condensation; normal wear and tear (including use of a Covered Product as a permanent residence)); exposure to elements; windows, skylights and ceilings vents; camper fold-over cargo racks and spare tire carriers; side wall waterproofing and sealing, and water proofing and sealing of the fittings installed on the side wall; suspension gas shock absorbers. Covered Products are designed solely for recreational camping and personal use.

All Warranty service or repair must be done pursuant to any authorized claim approved by OPUS and must be performed by OPUS or an authorized dealer or representative, and only with OPUS' express written authorization. No affiliates, representatives, suppliers, resellers, or agents shall have any authority to authorize or deny a Warranty claim on behalf of OPUS. OPUS shall not be liable (in whole or in part) for any warranties, either express or implied, made by agents, resellers, or suppliers of OPUS without the knowledge or express written consent of OPUS. Such unauthorized warranties are the sole responsibility of the applicable agent, reseller or supplier.

**Purchaser Obligations.** The Purchaser shall deliver the Covered Product for warranty service within a reasonable time after discovery of the defect and in no event after the expiration of the applicable Warranty Period described above. All expenses incurred by the Purchaser in obtaining Warranty service or repair shall be borne by the Purchaser. The Purchaser is advised to schedule an appointment with the selling dealer to avoid potential delays. If requested, you must provide written records showing that a Covered Product has been maintained as recommended in the owner's manual. Any repairs necessitated by an owner's failure to maintain the Covered Product as recommended are not covered by this Warranty.

Design Changes. OPUS reserves the right to change the parts and design of its products, including Covered Products, from time to time without notice and with no obligation to maintain spare parts or make corresponding changes in its products previously manufactured and sold.

THIS WARRANTY GIVES THE OWNER SPECIFIC LEGAL RIGHTS, AND OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

LIMITATION AND DISCLAIMER OF WARRANTIES: EXCEPT AS EXPRESSLY PROVIDED HEREIN, OPUS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ANY WARRANTY THAT ARISES BY WAY OF FEDERAL OR STATE LAW, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED TO, AND DOES NOT EXTEND BEYOND, THE SCOPE AND DURATION OF THE COVERAGE EXPRESSLY SET FORTH IN THIS LIMITED WARRANTY.

NOTE: SOME STATES DO NOT PERMIT LIMITATIONS ON THE DURATION OF AN IMPLIED WARRANTY, SO THE LIMITATION REFERENCE ABOVE MAY NOT APPLY TO YOU.

DISCLAIMER OF CONSEQUENTIAL AND INCIDENTAL DAMAGES. OPUS SHALL NOT BE RESPONSIBLE OR LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND THAT MAY RESULT FOR A BREACH OF THIS LIMITED WARRANTY OR ANY IMPLIED WARRANTY. THE EXCLUSION OF CONSEQUENTIAL OR INCIDENTAL DAMAGES SHALL BE INDEPENDENT OF ANY FAILURE OF THE ESSENTIAL PURPOSE OF ANY WARRANTY. THIS LIMITED WARRANTY DOES NOT COVER ANY LOSS OF USE OF A COVERED PRODUCT.

NOTE: SOME STATES DO NOT ALLOW THE LIMITATION OR EXCLUSION OF CONSEQUENTIAL OR INCIDENTAL DAMAGES SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

Repair Remedy And Notice. OPUS sole obligation under this Warranty is to repair any covered item discovered within the applicable Warranty Term if not excluded. If the authorized dealer or other authorized provider does not adequately repair the Covered Product, the owner must provide prompt written notice to OPUS at the address listed below and advise it of the defects and provide OPUS with an opportunity to make the repairs. OPUS may require you to deliver the Covered Product to OPUS, another authorized dealer, or authorized service provider. OPUS may, in its sole discretion, cover the reasonable costs of transporting the Covered Product to its facilities. Refusal to allow OPUS an opportunity to repair the Covered Product will void the Warranty for the identified Substantial Defect.

## WARRANTY: OP4 Limited Edition

after the date on which the breach occurs.

Goodwill Repairs. Any repairs made by OPUS on portions of a Covered Product that are excluded from coverage or after the expiration of this Warranty shall be considered "Goodwill Repairs". OPUS is not obligated to provide Goodwill Repairs nor shall the provision thereof serve to alter or modify in any way the express terms of this Warranty.

Owner Assistance. Your continued confidence and goodwill are important to OPUS as is maintaining a good relationship with our dealers. OPUS recognizes that there may be occasions when a warranty or service problem may not have been handled to your satisfaction. We encourage you to attempt to rectify any problems by discussing them with your local dealership's management. If, after doing so, your problem has not been resolved to your satisfaction, we welcome you to contact OPUS at the address listed below.

Contact Us. If you have any questions relating to the Warranty, please contact us at:

OPUS

701 Willow Pass Rd, Ste 8

Pittsburg, CA 94565

Email: [info@opuscamper.com](mailto:info@opuscamper.com)





# OP4 LE USER MANUAL

A DETAILED GUIDE TO EVERYTHING YOU NEED TO KNOW ABOUT OP4 LIMITED EDITION

BUILT BY OPUS CAMPER USA IN PITTSBURG, CA

## OP4 LE LIMITED EDITION



**OPUS**  
OFF-ROAD