



## Truma Camping World 2013



## **Simply more relaxed on the move** Every journey becomes a holiday with Truma

Camping is the epitome of all holidays. Close to nature, close to people and close to your inner self. What can be nicer than taking a deep breath and letting this indescribable feeling of freedom take its effect on you.

It's even nicer if you can think about the pleasant things in life in a relaxed way. It is for precisely this reason why we put so much value on the functionality and quality of our equipment. After all, you want everything to work perfectly when you're on holiday, don't you? Always and everywhere.

You will get to know about Truma comfort on the following pages. There are many new products, valuable tips, exciting information and a comprehensive range of services. It is clearly laid out so that you can conveniently prepare for the forthcoming camping season.

Leave everyday life behind. Simply enjoy more comfort on the move.



## Your reliable partner for enhanced comfort

Be it a pleasant living climate, clean drinking water or a reliable supply of energy. Truma has been a leading accessory specialist for mobile leisure for more than 60 years. We developed the "first officially recognized caravan heater" back in 1961, making winter camping possible for the first time. Nowadays people can't imagine being without our camping products. Because with Truma, campers all over the world simply enjoy more comfort on the move.



### Top quality product variety

At Truma you will discover a comprehensive range of top quality products – from individual solutions to perfectly coordinated comfort equipment.



### Top quality solutions

Truma products have some of the best performance capability on the market. Our solutions impress with their extremely good reliability and efficiency. It is not for nothing that Truma regularly receives awards from the trade press as the best accessory brand for heaters and manoeuvring systems.



### Innovative products

Truma has developed many innovations itself and therefore set standards, e.g. the first liquid gas heater or the first manoeuvring system for caravans. In our development centre we work together with vehicle manufacturers on ideas today that will be enhancing your leisure time tomorrow.



### Powerful dealer and service network

You are always well looked after with Truma. A powerful sales network of Truma specialist dealers and service partners provides competent advice, retrofit products, practical accessories and spare parts in more than 30 European countries.



### Top class service work

You will find our service everywhere you need it: on the phone, by e-mail or on the Internet, at home or on your camping holiday. You can also visit our service centre or simply be taken care of in situ by our service engineers or service partners. Experience quality and service from a single source now.

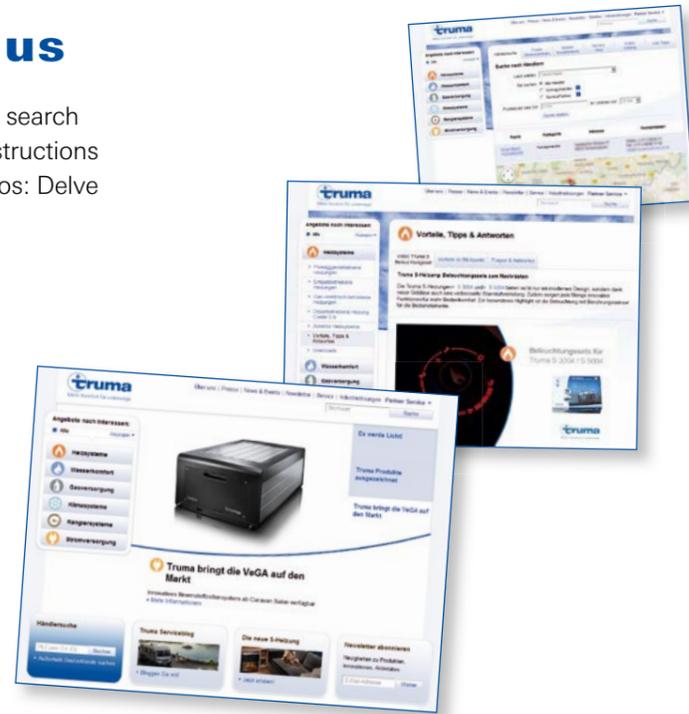
Website, newsletter, social networks, service blog

## Truma: strong online

Our first-class service is also available for you to take advantage of online. We can ensure that you are kept up to date with the latest news from our company, quickly and constantly. So you need never miss any new products or our tips & tricks for optimizing the comfort of your caravan or camper van.

## Learn more about us

Gain access to detailed product information, search for a competent dealer nearby, download instructions quickly and easily or watch our product videos: Delve into Truma Camping World online at [www.truma.com](http://www.truma.com)



## Keep up to date

Never again miss anything newsworthy about Truma, its products and innovations, or trade fairs. Simple subscribe to the newsletter at [www.truma.com/newsletter](http://www.truma.com/newsletter) and be up to date at all times.



## Join us

Have you always wanted to see how the VeGA fuel cell works? Now you can watch this and other interesting video clips on our YouTube channel at [www.YouTube.com/trumageraetetechnik](http://www.YouTube.com/trumageraetetechnik)



## Become a Truma Fan

Another important communication tool that Truma uses is its **Facebook** page, where Truma fans can take advantage of posts about the company and its newsworthy items, product information and services. Competitions featuring attractive prizes are regularly organized for our fan community. Why not communicate with us on Facebook! Become a Truma fan and feel free to recommend us to friends and family!

[www.facebook.com/Truma.Fan](http://www.facebook.com/Truma.Fan)



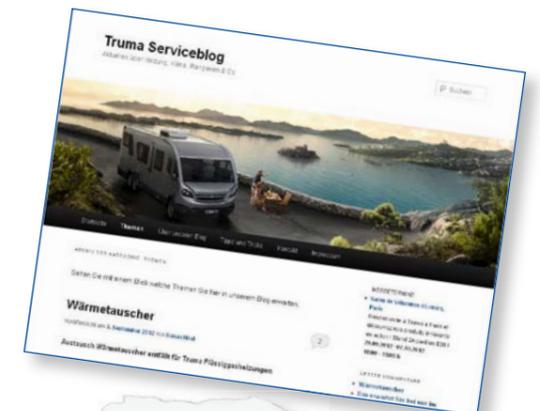
## Join us on Twitter

Or follow us on **Twitter** – the ultimate news channel. Become a "Follower" and use this real-time medium to gain direct access to newsworthy items about Truma, its products and its interactive commitment. [https://twitter.com/truma\\_de](https://twitter.com/truma_de)

## Take action

We are eager to share our knowledge with you: Our service advisers are frequently asked questions, such as "Do I have to replace the heat exchanger every 10 years?" or "How do I go about emptying the Therme properly?" These are just some examples of the topics addressed in our **Truma service blog**. We offer all sorts of tips and technical information about Truma and its products.

Make the most of this opportunity to communicate interactively with us! In doing so, you give us the chance to tailor our information and suggestions more closely to your needs and interests. We also want to hear about your experiences and ideas and look forward to communicating with you. So, what's stopping you? Join our blog at <http://serviceblog.truma.com>



Replace the heat exchanger after 10 years?

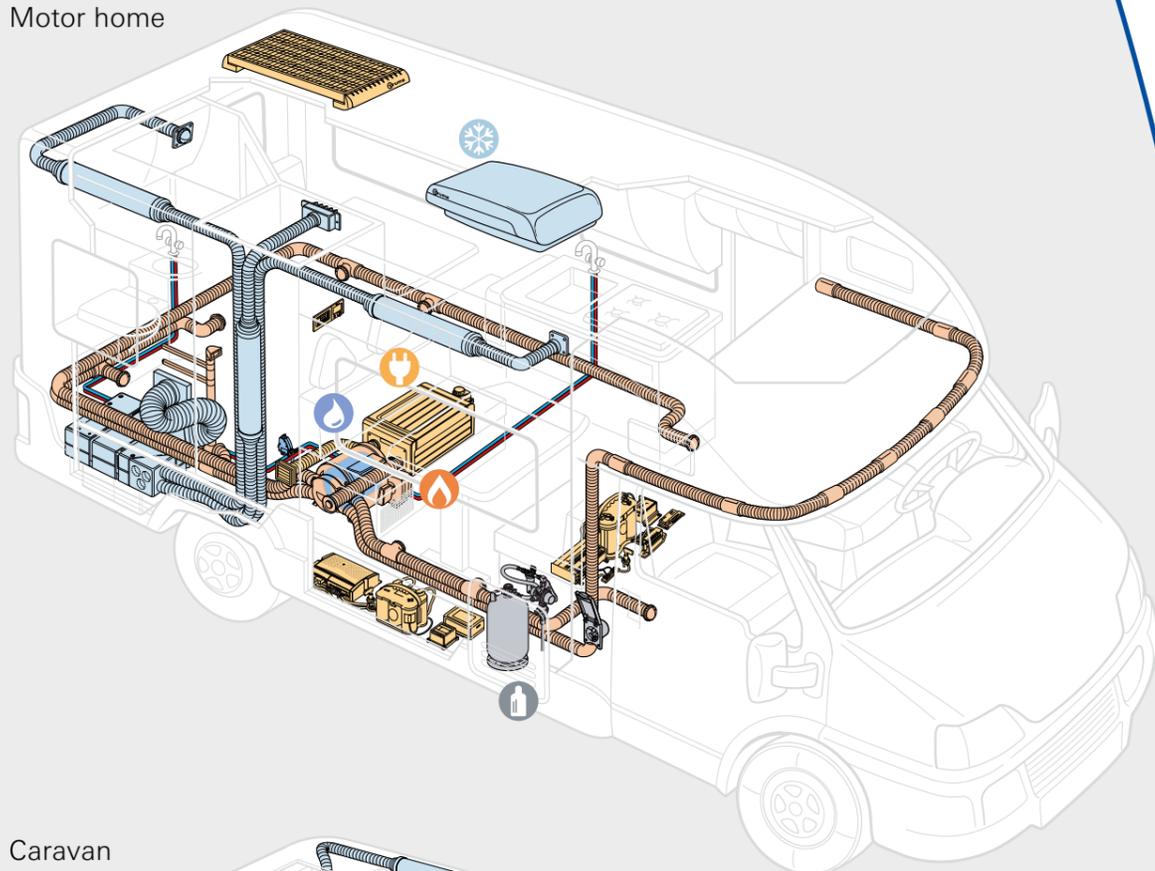
Here is a good tip for everyone

... I tried it and it works just fine.

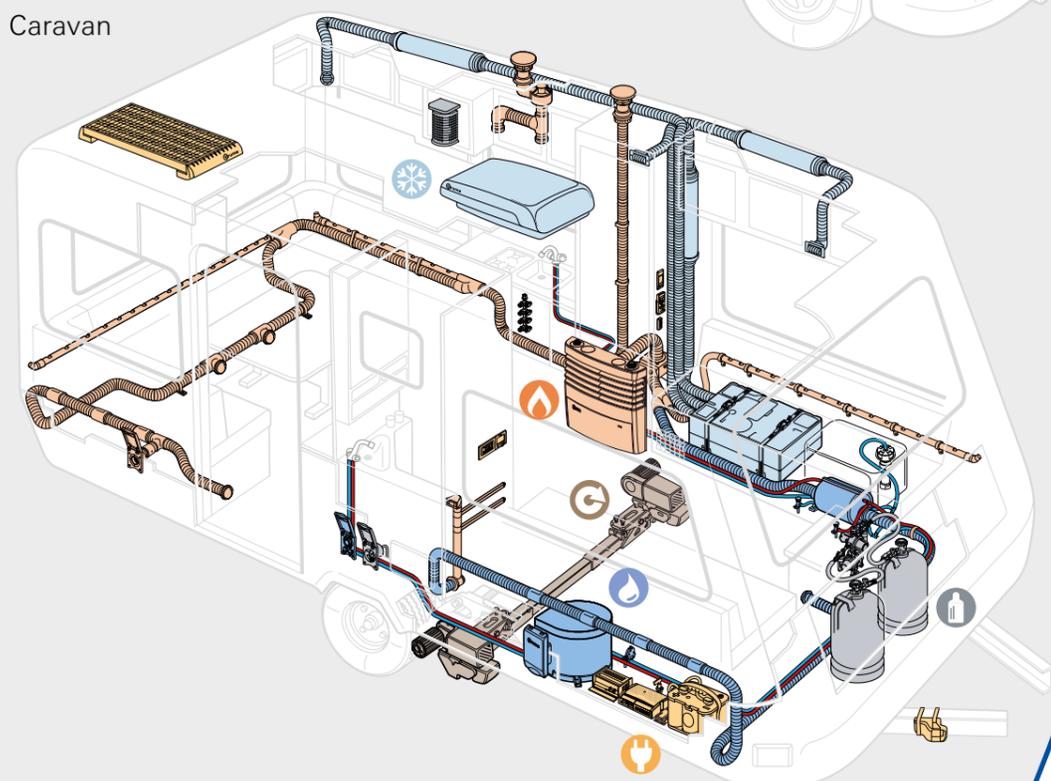
# Camping in the utmost comfort

This is where Truma's strengths lie

Motor home



Caravan



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## HEATING SYSTEMS

Whether it's in chilly Northern Europe, on a winter camping or skiing holiday or during frosty evenings – colder regions and seasons pose great challenges for both man and materials.

In response to the fact that more and more people were choosing to enjoy a caravanning holiday even during the winter months, Truma started to develop mobile heating systems over 50 years ago – and they've continued to improve on them ever since.

Every Truma heater allows you to benefit from the expertise of the technology leader. For example, you will be guaranteed unsurpassed efficiency: Truma heating systems boast an efficiency level of 98%!

So you will be sure to have a warm glow of satisfaction.

## The right solution for everyone!

### Convenient heating systems from Truma

With over 50 years of experience in the field of heating systems for camping vehicles, Truma only ever asks one question: What would you like? Are you looking for a pure gas heater, a combination of gas and electric heaters or maybe a diesel heater for a camper van or caravan of any size? At Truma you will always find the most innovative heating and warm water solutions to meet your individual needs. Our high-quality products will make sure you're made nice and warm, nice and fast!



#### The new Truma S heaters

The most reliable caravan heater in Europe has now become even better.



#### Truma Combi heaters

The lightest and most economical combination heater



#### Tried and trusted Trumatic E heaters

The most compact liquid gas warm air heater in its class



## The advantages at a glance

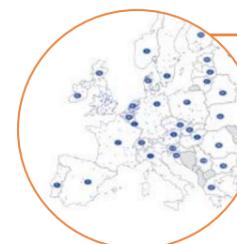
### Truma service is unparalleled

#### Truma Service:

Tel. + 49 89 4617 2366



Quality  
Made in Germany



Service network  
spanning all of Europe:  
Partner to all European  
caravan and camper  
van manufacturers



Space saving:  
Gas cylinders are  
already present in  
the cylinder box



Energy efficient  
heating technology  
up to 98 %



Very reliable



Maintenance-  
free



For gas, diesel  
and electrical  
operation



Extremely short  
heating times



For heating air  
and water



## Discover the best S heaters ever

Truma S heaters have always been legendary trend setters. There are good reasons why ever more campers throughout Europe are placing their trust in their reliability and comfort. Now we have made this classic even better. Discover the enhanced operating comfort and perfect warm air distribution encased in an elegant design.

## Cosy in a flash

Just turn it on and feel the cosy warmth immediately. Only the new S heaters are ready to operate at any time, don't need electricity, and get a room warm and cosy more quickly than any other heater.

**Tip** 

Truma S heaters are extremely sturdy and completely maintenance-free.

 **50 YEARS**  
caravan heater  
www.truma-s-heater.com



## Truma S 5004 / S 3004

The new Truma S heaters

- Infinite and accurate adjustment of the temperature and fan setting
- Ergonomic control panel knobs
- More powerful and quiet fan
- Booster function for even faster warm air distribution and dehumidification
- Pre-heating possible while the vehicle is on the move
- New, modern design
- Efficiency: 95 %



S 3004 with optional chrome and lighting



S 5004 with optional chrome and lighting



S 5004 with flame effect



Individually adjustable by remote control: from romantic to blazing, from smouldering to crackling.



Flatter cover



Elegant chrome fittings

TITAN GREY  
PEARL GREY

Available in a choice of 2 elegant colours

Accessories for Truma S heaters

## Flame-effect front case Retrofit kit

The new Truma flame effect for the S 5004 is really unique: It is now even more improved and realistic, and offers individual setting options.



## Ultraheat The additional electric heater

Even when it's really cold outside, Ultraheat makes sure that the inside warms up nice and quickly. It distributes the warm air via the fan of the Truma S heater and is therefore more efficient than any simple fan heater.



- The curved glass ensures visibility, not just from the front, but also from the sides
- Individually adjustable by remote control
- Freely adjustable to suit your mood, regardless of whether the heater is on or not
- From romantic glow to winter blaze
- From gently smouldering to crackling
- Easy to retrofit
- Works regardless of whether the heater is on or not



- The perfect enhancement for a Truma S heater
- Heats up incredibly fast, whatever the weather
- Three power settings for individual heating comfort (500 / 1000 / 2000 W)
- Maximum current consumption of 8.5 A
- Heat can be provided by the S heater on its own, by both S heater and Ultraheat (3 levels) at the same time, or just by the Ultraheat at those times of the year where full heating performance is not yet needed



### Installation video

Assembly video  
[www.truma.com/truma-s-lighting-kit](http://www.truma.com/truma-s-lighting-kit)



## Lighting kit With touch sensor

Retrofit lighting kit for Truma S 3004 or S 5004.

- Illuminated control panels for enhanced operating comfort
- Touch sensor activation of the lighting (responds as soon as your hand is close)
- Switches off automatically (timer-controlled)



## Comfort is in the air

### Perfect air distribution for Truma S heaters

If you are going to feel comfortable in your caravan even when it's freezing outside, it is crucial that warm air is distributed evenly throughout the interior. That's why we have created the clever Truma modular air distribution system.

## Truma fans

### For cosy heating comfort



Truma has optimized its two new TEB-3 (12 V) and TN-3 (230 V) fans to guarantee the best possible distribution of the heat.

- Fine, infinitely adjustable fan level regulation
- **Booster function (12 V fan) for rapid heat distribution and dehumidification of the vehicle**
- **Pre-heating possible while the vehicle is on the move**

## Towel dryer

### 5-star comfort in your bathroom

The warm air flows through the jets on the towel rack pipes, giving you warm and dry towels.



- Also suitable for ski boots
- High-quality design
- Easy to install and can be shortened individually
- Extremely compact (760 x 420 x 80 mm)

## Airmix comfort accessories

### Combines heat and fresh air

Airmix is the ideal add-on for your Truma fan if you want to achieve a pleasant climate within your caravan.



- Improves the climate in your caravan
- Fresh air ventilation when the window is closed, even in summer
- Dehumidification of the vehicle interior
- Fresh air is added to the air from the heater in winter

## Trumatic S 3002 FS

### Safe heat under the awning

Now you can get really cosy under your awning too. The closed combustion circuit of the 3400 watt powerful Trumatic S 3002 FS is ideal for providing heat quickly and safely:



- Free-standing heater
- Easy to set up thanks to pre-assembled installation box
- Fast heating of the awning area
- Gas consumption: 30–280 g/h

For permanent awning only!



## Trumatic S 2200

### Cosiness for small rooms

With 1850 watts of power, this compact heater is the ideal solution for heating a small caravan quickly.



- Extremely cost-effective
- Compact dimensions
- Option of current-free operation without a fan
- Gas consumption: 50-170 g/h

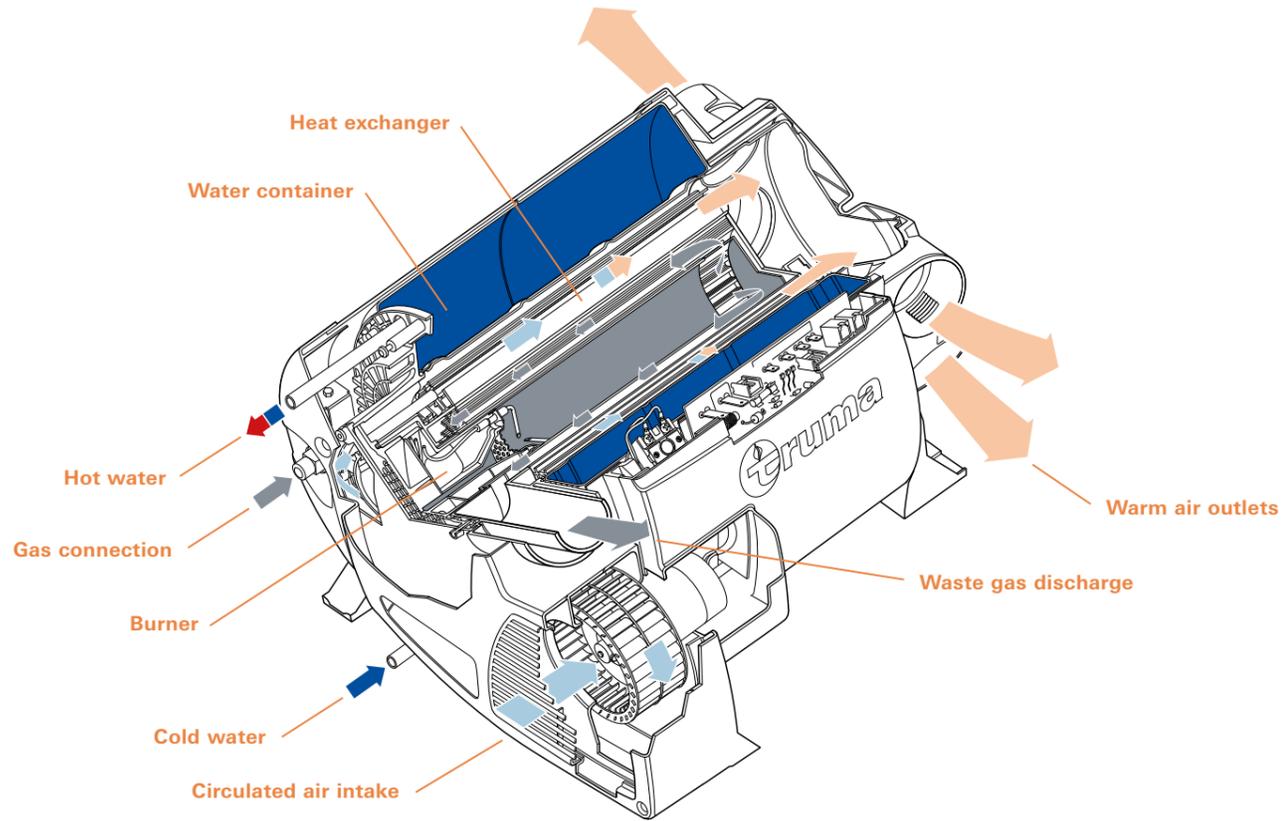


## Truma Combi heaters

### Heating and hot water in one

The Combi family hallmark is its incredible flexibility. Be it heating operation without water, or water heating without heating, you can enjoy double comfort with just one unit with the Truma Combi. All of the energy types are available – always with maximum efficiency and all of the technical advantages for your well-being. You are therefore not only looking after the battery, but also your wallet.

- Constant comfortable temperature
- Optimum distribution of warm air through four warm air outlets
- Short water heating time, but no need to cut your shower short – enjoy!
- Durable stainless steel water tank
- The most lightweight and compact combination heater
- Interior installation provides protection against environmental influences
- Comes with FrostControl, the current-free safety/drain valve featuring frost monitoring, as standard
- 10 litre capacity



## Combi 4 (E) / Combi 6 (E)

### Our efficient solution for summer and winter

The well-tries gas heater continues to set new standards.



- Efficiency: 98%
- High heat output of 4000 W (Combi 4) or 6000 W (Combi 6)
- With integrated 1800 W heating elements
- Combined gas/electrical operation possible
- Straightforward connection to the existing gas system
- Environmentally friendly and maintenance-free
- Boiler heating time in accordance with EN 15033: approx. 20 min
- Extremely low power consumption of heater + boiler: on average approx. 1.2 A, 0.2–5.6 A (12 V), 3.9–7.8 A (230 V)
- Low gas consumption: 160–320 g/h (Combi 4), 160–480 g/h (Combi 6), 80 g/h at 1000 W of heat output on average



## Combi D 6

### The diesel variant

Enjoy all of the advantages of the well-tries Combi heater, but with diesel operation\*.



- Efficiency: 90%
- Most efficient diesel combination heater
- Heat output: 6000 W
- Almost identical dimensions to the gas version
- Boiler heating time in accordance with EN 15033: approx. 20 min
- Current consumption of heater + boiler: 1.8–7 A during normal operation
- Diesel consumption: 220–630 ml/h, 110 ml/h at average heating output of 1000 Watts



\* with burner technology from J. Eberspächer

## Trumatic E 4000

Fill large interiors with warmth

With heating power of 3700 W, the Trumatic E 4000 provides cosy warmth in large motor caravans. Complete with control panel for convenient electronic control.



- Maintenance-free operation
- Low power consumption
- Various possible installation positions
- Electronic control system
- Extremely powerful
- Extremely quiet fan
- Current consumption (12 V): 1.0 / 2.3 A



## Trumatic E 2400

The most compact heater in its class

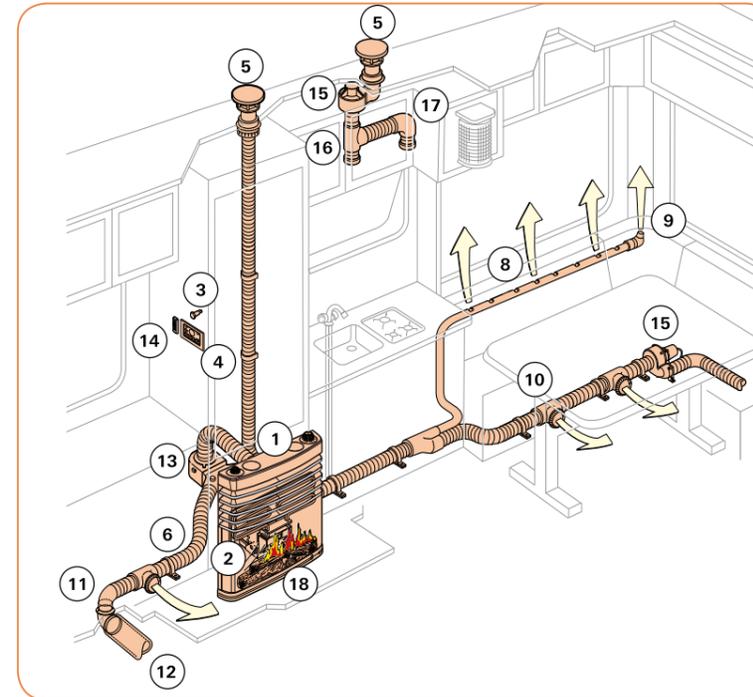
With heating power of 2400 W and compact dimensions, it is the perfect, reliable and safe heater for small motor caravans. The Trumatic E 2400 is also suitable as an auxiliary heater for alcoves or as a cab heater for large motor caravans.



- Maintenance-free operation
- Low power consumption
- Various possible installation positions
- Also ideal as an additional heater
- Electronic control system
- Also available in a natural gas version
- Current consumption (12 V): 0.6 / 1.1 A

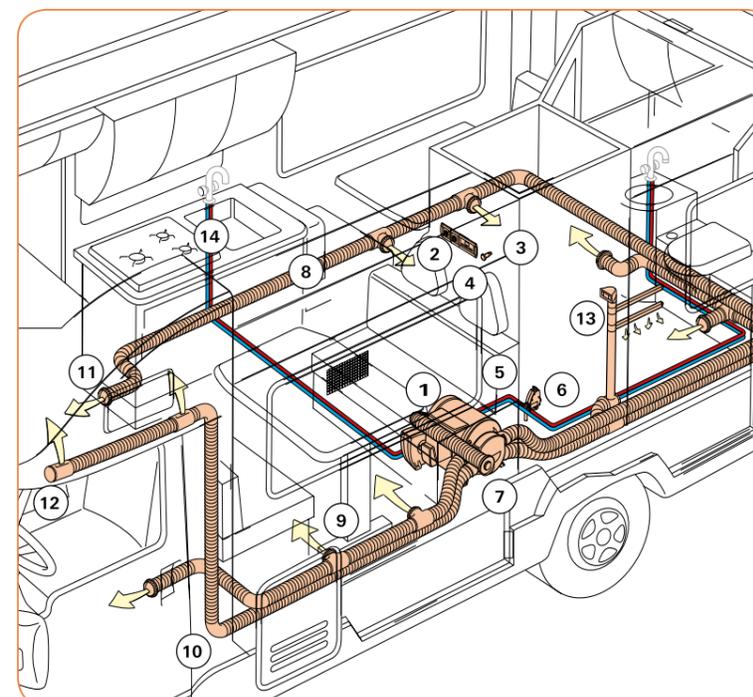


## Truma S heaters: Installation overview



1. Truma S heater
2. Ultraheat additional electric heater
3. FFC 2 room temperature sensor for Ultraheat
4. Control panels
5. Roof cowl AK 3
6. Warm air duct ÜR 65
7. Branch AB 35
8. Isotherm duct IR
9. Corner air outlet EC
10. T-pipe LT / End outlet EN
11. Insulating elbow BGI
12. Insulated air duct DRI
13. Airmix comfort accessories
14. Airmix control panel
15. Multivent fan TBM
16. TS T-piece
17. Elbow BG
18. Flame-effect front case for Truma S 5004

## Combi: Installation overview



1. Combi
2. Control panels
3. Room temperature sensor
4. Time switch ZUCB
5. FrostControl
6. FrostControl heating element
7. Wall cowl
8. Warm air duct ÜR 65
9. T-pipe LT / End outlet EN
10. Elbow BG
11. End outlet nut EM / End outlet EN
12. Wall outlet vent WL
13. Towel dryer
14. Water hose, drinking water compatible



## WATER COMFORT

Showering, washing up, doing the laundry – whenever you need hot water when you're on the move, Truma water heaters will get it to the right temperature in no time at all. Whether you need quite a few litres or just a couple of drops, with Truma you can always be sure of total peace of mind when it comes to meeting your precise water requirements in your recreational vehicle.

## Feeling good can be as simple as this

### Water comfort from Truma

Tailored for use in recreational vehicles, Truma water heaters warm your water up to the required temperature in the blink of an eye. They use gas, electricity or the warm air from the on-board heater, with their effective insulation then helping to retain the heat for a really long time, without having to consume additional power.

Different variants and sizes are available depending on your individual hot water requirements, vehicle type and required comfort level. Regardless of your choice of unit – all of them come with tried-and-trusted Truma technical know-how so that you never have to worry about having a hot shower.

## The advantages at a glance



**Extremely short heating times**



**Large capacity of up to 14 litres**



**Energy-efficient heating technology**



**Compact dimensions**



**For electrical or gas operation**



**Fast, straightforward installation**



### Tip

For a good quality shower we recommend installing the **Truma Electroboiler**. With its compact dimensions it can be integrated in the water supply system in place of the Therme without problems.

## Therme

The space-saving solution for your caravan

The well-tried Therme with its 5-litre capacity uses the warmth from the heater to heat the water via a warm air duct which runs directly through the device. The Therme also has an electric heating element (300 W) so that the water can also be heated without heater operation.



- 5 litre capacity
- Short heating times – in electrical operation from 15 °C to 60 °C in 50 minutes
- Water temperature up to 65 °C
- Efficient use of heat from the heating system
- Compact dimensions
- Lightweight – just 2 kg



## Electroboiler

For extra-long shower enjoyment

If you want to take long showers in your vehicle, the Truma Electroboiler is the right solution. Its large capacity and, in particular, extremely low heat loss are compelling arguments. Thanks to the high-quality insulation, the water temperature only drops by 1 °C per hour. You can shower at any time without re-heating, and also save a considerable amount of energy. It's a great time to upgrade!



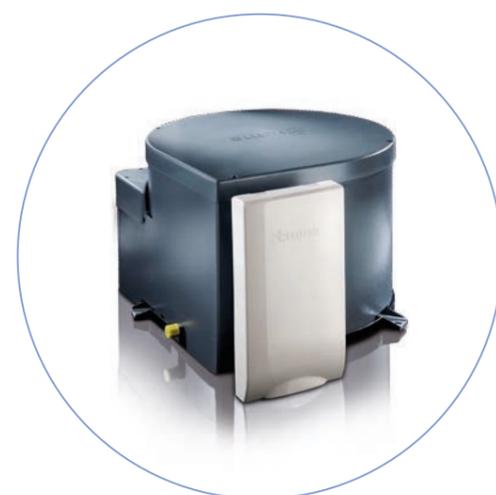
- Large capacity – 14 litres
- Powerful heating element (850 W)
- Heating time of 15 °C to 70 °C in 70 minutes
- Corrosion-resistant stainless steel tank
- Heat loss of just 1 °C per hour
- Silent operation
- Straightforward, fast installation
- Lightweight – just 3 kg



## Boiler B 10 / B 14 (EL)

Large capacity, small consumption

You can also enjoy the comfort of hot water without connecting to the power supply. The powerful boiler heats the water extremely quickly and economically using gas burners. The temperature control is convenient and infinitely variable. The insulating housing also keeps the water warm for longer. The Boiler is also available with an electric heating element for even faster heating times.



- 10 or 14 litre capacity
- Powerful gas burner (1500 W)
- Also available with an electric heating element (850 W)
- Extremely short heating times – in mixed operation – from 15 °C to 70 °C in just 25 minutes
- Corrosion-resistant stainless steel tank



## FrostControl

Perfect frost protection for retroheating

The current-free safety/drain valve empties the boiler automatically if there is a risk of frost (at around 3 °C) and in the event of excess pressure via a discharge nozzle. Only once the ambient temperature has risen to a level where frost is no longer a risk (around 7 °C) can the valve be closed by hand and the Boiler filled again.



- Frost protection – empties the boiler automatically if there is a risk of frost
- Can also be opened manually



## GAS SUPPLY

If you require additional comfort when camping, our well-tryed gas supply is exactly the right solution. You cannot operate a heater or a hot water boiler in a more convenient, efficient or more environmentally friendly way.

You are also extremely safe on your travels with Truma. Whether you're stationary or on the move. Our innovative systems are completely reliable and are easy to retrofit. So that you always travel in comfort and arrive with a feeling of relaxation.

## Safe heating on the move

How safe is it to operate the gas system for heating while you are on the move? Truma has the answer: for years, we have been further developing technical standards for protective devices that enable heating while driving.

And now we have also incorporated a crash sensor into our new generation of gas pressure regulation systems. This sensor responds to accidents that take place at even low impact speeds of 15–20 km/h, and closes the gas supply before damage can be caused to the lines or devices. This means that you arrive with a feeling of relaxation and comfort, and keeping everyone safe. That's why Truma gas pressure regulation systems offer everything required to ensure safe heating on the move, throughout the whole of Europe.

### The advantages at a glance

- Maximum level of safety
- Compliant with all European standards and regulations
- Easy to retrofit, easy to operate
- No power consumption
- Designed for single and two-cylinder gas systems
- No pressure losses thanks to additional components
- Compatible with existing original Truma accessories

## The innovative crash sensor

With our gas pressure regulation systems featuring crash sensors, you'll be in safe hands throughout the whole of Europe – even if you want to operate your gas system while on the move.

- **Compliant with all European standards and regulations**
- **Responds even at low impact speeds of 15 km/h and above**
- **Closes the gas supply immediately before damage can be caused to lines or devices**

**Note:** The crash sensor supersedes the previously used **SecuMotion** gas pressure regulator. The advantage: Systems with crash sensors can also easily be retrofitted.



### Important information

For operating a liquid gas heater in vehicles built after 01/2007 while driving, the current European heating appliance directive requires the installation of a safety shut-off device to prevent gas escaping if the line is ruptured as a result of an accident. The appropriate instructions of the appliance manufacturer must be observed before operating a liquid gas appliance while driving.



### We have been providing safety – since 1949

For over 60 years we have been developing leading products for gas supplies in recreational vehicles. We invented the Duomatic in 1969, the first fully automatic changeover from operating cylinder to reserve cylinder. Which made camping even more comfortable.

However, our search for innovative solutions continues. So that you will also be safe on the move in the future.



## MonoControl CS

Safety on the move with one gas cylinder

Invincible safety: The gas pressure regulation system with crash sensor for single-cylinder gas systems.



Horizontal installation

- Crash sensor is easy to reset
- Available in 30 mbar and 50 mbar versions
- For vertical or horizontal installation
- Also available for gas tanks

### Tip

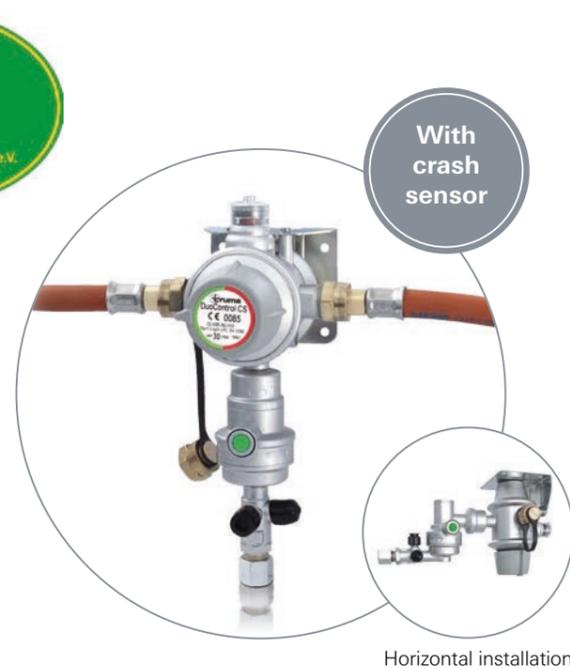
**Note:** The MonoControl CS can be retroactively upgraded to the two-cylinder changeover system: with the Truma DuoComfort changeover valve and an additional gas hose.



## DuoControl CS

Double safety for two gas cylinders

Thanks to its integrated crash sensor, this safety gas pressure regulation system is ideally suited to ensuring safe heating while on the move.



Horizontal installation

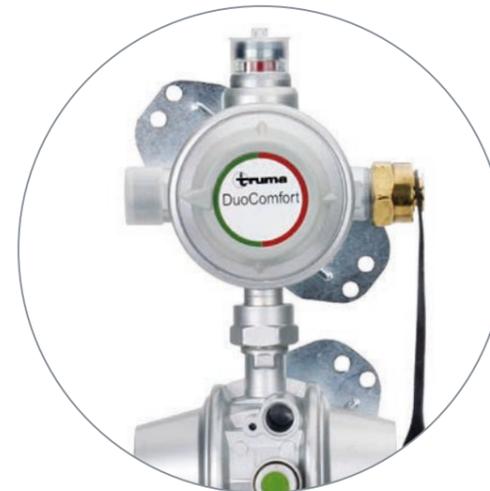
- Automatic changeover from empty to full gas cylinder
- Manual selection of operating cylinder using control knob
- With visual display indicating the status of the operating cylinder (empty / full)
- Crash sensor is easy to reset
- Available in 30 mbar and 50 mbar versions
- For vertical or horizontal installation



## DuoComfort

For retroactively upgrading to a two-cylinder system

Upgrading made easy. If a MonoControl CS or SecuMotion system is already installed in your recreational vehicle, we recommend DuoComfort for upgrading to a two-cylinder changeover unit.



- The perfect addition to the Truma MonoControl CS/SecuMotion
- Visual display indicating the status of the operating cylinder (empty / full)
- Manual selection of operating cylinder using control knob



## High-pressure hoses

With hose rupture protection

Think about it: only safe hoses are suitable for heating while you are on the move! So original Truma high-pressure hoses with hose rupture protection are an essential choice – and they're available in a large number of country-specific versions for various types of cylinder valve, as well as in different lengths.



### Tip

Also discover the practical remote indicator for DuoControl CS and DuoComfort. More information on page 39.

Heating while stationary

## A perfect supply while you're stationary

Truma products also provide maximum safety for your gas system if you are using the heating function while stationary. However, please note that devices such as DuoControl and the caravan regulator may only be used in vehicles built after 2007 if no heating is required while driving. These useful gas regulators can be used without restrictions in vehicles built before 2006 (with vested rights protection). Please observe the additional information concerning the use of heating facilities while driving.

**Attention:** Truma gas pressure regulation systems must not be used in confined spaces. They must be installed by an authorised expert only.

## High-pressure hoses Without hose rupture protection

Get connected wherever you are: Truma high-pressure hoses are available in many country-specific versions as well as in two different lengths. They are the perfect fit for a diverse range of cylinder valves and their high-quality workmanship ensures maximum safety.



### Attention

High-pressure hoses without hose rupture protection are only suitable for stationary operation. The gas regulator and the gas hoses must be replaced every 10 years! The date of manufacture is printed on the regulator and the hose.

Heating while stationary

## DuoControl Perfect for long stays

DuoControl is a changeover valve and gas pressure regulator in one, making it the ideal choice for extended periods where your gas system will be stationary. If the gas in the operating cylinder starts to run low, the intelligent mechanism automatically changes over to the reserve cylinder. This ensures a continuous supply of gas, so there's nothing to prevent all your gas-powered devices from running non-stop.



- For straightforward upgrading of your gas supply to a two-cylinder system
- With visual display indicating the status of the operating cylinder (empty/full)
- Manual selection of operating cylinder using control knob
- Available in 30 mbar and 50 mbar versions



### Attention

Only permitted for stationary heating in the case of vehicles built after 01/2007.



## Caravan regulator Safety for all vehicles

For added safety: The Truma caravan regulator features a standard manometer and is a universal regulator which is easy to install, not only in caravans and motor homes, but also in commercial vehicles.



- Guarantees a constant pressure of 30 mbar or 50 mbar
- Integrated overpressure protection limits the output pressure to max. 150 mbar
- Fitted with a combination connection for gas cylinders from 3 kg to 33 kg



## Appliance pressure controller VDR 50/30

A new solution for tried-and-tested systems

With the VDR 50/30 appliance pressure controller, you can upgrade even older vehicles with a 50 mbar gas system (built before 06/2002) to the latest generation of gas consumption devices. To do this, the VDR 50/30 appliance pressure controller can easily be integrated into the existing gas line between the shut-off valve and the 30 mbar gas appliance to be supplied.



- **Integrated bypass bore for prescribed gas leak test at the required test pressure of 150 mbar, up to the gas consumption device**
- **Comes with stickers for labelling retrofitted devices for service**
- **Approved for all standard LP gas appliances used in caravanning applications**



## Gas remote switch

Shutdown has never been so easy

With a Truma gas remote switch, switching off the gas supply from inside is easy. No need to access the cylinder box or shut off the gas cylinders. Super-convenient and super-safe.



- **Interrupt the gas supply without getting out of the vehicle**
- **A convenient addition to single and two-cylinder systems**
- **Power consumption just 40 mA (when open)**
- **Currentless when closed**



## Gas filter

Keeps the gas system clean

Protect the gas pressure regulator and valves from soiling and oil contamination. The gas filter is installed upstream of the gas pressure regulator. It filters evaporation residue (oily aerosols) from the flow of gas before they are deposited and clog up the regulator. As much as 99 % of this residue is removed (conventional paper filters only manage 30 % in similar circumstances). Perfect for problem-free operation and a long service life.



- **For all wall-mounted gas pressure regulation units**
- **High degree of separation of 99 %**
- **Integrated saturation indicator**
- **Filter cartridges are easy to replace**
- **Also suitable for refillable tank gas cylinders**

## Remote indicator DuoC with EisEx

Perfect clarity, prevents icing

With DuoC, the new remote indicator for DuoComfort / DuoControl and DuoControl CS, you can see which gas cylinder is in operation from inside the vehicle. So you can say goodbye to surprises. The same applies to EisEx. It prevents the regulation system from freezing at low temperatures. All you need to do is activate winter operation on the control panel, and there you have it.



- **Operating status of gas cylinders (empty/full) displayed inside the vehicle**
- **EisEx prevents icing in the regulation system at cold temperatures**



## BBQ point

For gas-powered comfort outside the vehicle

The BBQ point allows external gas appliances such as gas barbecues or lights to be connected. The only additional equipment you need is a gas pipe with an 8 mm diameter.



- Suitable for an operating pressure of 30 or 50 mbar
- Extremely easy one-handed operation
- Simply connect devices to the coupling valve

## Valves and connections

Perfect gas distribution

Gas is only useful if all the consumers connected can be supplied safely and without encountering any problems at any point. That's why Truma offers a wide range of sophisticated accessories for ensuring safe, proper and straightforward operation of your gas system.



Also available as single, double or triple manifold valves

- Quick-acting valves for shutting off gas lines rapidly
- Manifold valves for central connection of multiple gas appliances
- Coupling valves for connecting external gas cylinders or consumers (such as a gas barbecue)
- Secure assembly and connection without screw joints or T-pieces
- Clear arrangement of gas appliances thanks to switching knob labelling



### Did you know?

The patent for the first quick-acting valve with diaphragm seal was granted to Truma in 1955.

## LevelCheck

Detects the filling level of your gas cylinders

The practical LevelCheck uses LEDs for quick and reliable indication of whether there is liquid gas in the measured area. The measuring device is simply placed against the gas cylinder in a horizontal position.



- For all steel and aluminium LP gas cylinders with a diameter of 200 - 350 mm
- Reliable measurement using ultrasound
- With integrated LED torch
- Not for plastic cylinders, butane cylinders (Camping-gaz), gas tanks or refillable tank gas cylinders



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### Tip

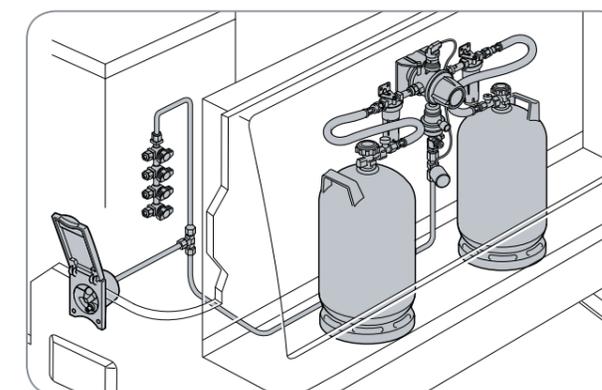
In order to obtain a reliable measurement, clean the measuring head regularly with a wet cloth.

## Installation overview

Here you can see a graphical example of how Truma gas supply products are installed and the accessories recommended for them.

### All information at a glance

Detailed information about technical data and the comprehensive range of Truma Mover® accessories can be obtained from your specialist dealer or from [www.truma.com](http://www.truma.com)





## AIR CONDITIONING SYSTEMS

The south of France, Spain, Morocco...some places can really heat up. So it's a great feeling when the climate inside your recreational vehicle can offer you a comfortable environment to suit you. With Truma air conditioning systems, you can adjust the cooling temperature of your vehicle exactly to your own taste. A high cooling power level combined with effective humidity reduction and ideal air distribution means your camping holiday is guaranteed to be a relaxing experience, wherever your dream destination is.

## Much more than just cold air

### Truma air conditioning systems

The ideal climate in your caravan or mobile home is vital if you are to achieve an overall feeling of comfort and wellbeing, enabling you to relax and enjoy your leisure time. Truma air conditioning systems have been developed specifically for use in mobile homes.

For climate control in your recreational vehicle, you can rely on Truma's proven technology and outstanding service. Whether you choose roof mounting and therefore the Aventa system or one of the Saphir air conditioning units and installation in a storage compartment, with an air conditioning system from Truma, you can always be sure of having your personal comfortable climate on board.



## The advantages at a glance



**Air distribution with optimum comfort**



**Extremely light to help reduce pay load**



**Pleasingly quiet noise level**



**Virtually maintenance-free**



**Economical power consumption – can be used at any campsite in Europe**



**Simple, intuitive operation**



**Extremely efficient thanks to high performance and low power consumption**



### Tip

Thanks to their closed refrigeration circuit, Truma air conditioning systems are practically maintenance-free. For the best performance, change the Saphir's particle filter annually, and clean the fluff filter twice a year. The Aventa air filter should be replaced every year.



## Air conditioning comfort tailor-made by Truma

Find your very own comfortable climate

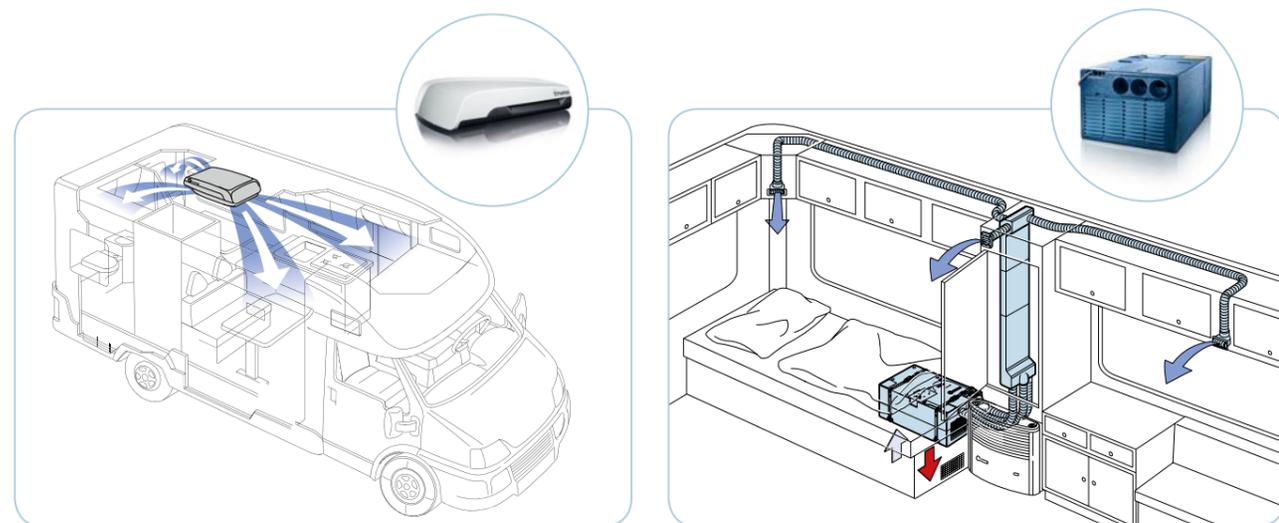
Truma's powerful Aventa and Saphir air conditioning systems offer sophisticated technology for more comfort on the move. By cooling and dehumidifying the air inside your caravan or mobile home, they ensure a particularly pleasant climate. The new Truma Saphir comfort RC is fitted with a heat pump function to provide warmth in cooler seasons before you need full heating performance.

### How do temperature and humidity influence your wellbeing?

In order to make you feel comfortable in your vehicle, the balance between temperature and humidity must be perfect. This means the higher the room temperature, the lower the humidity should be. This is because it is easier for the body to give off excess heat into the ambient air if it is dry. You are therefore always making the right choice with a Truma air conditioning system. After all, our systems cool the air extremely efficiently and also provide reliable dehumidification.

### How to select the perfect air conditioning system for your needs:

The Aventa and Saphir air conditioning systems provide outstanding cooling comfort. This is because they are both based on the same outstanding Truma air conditioning expertise. Which one you choose is determined solely by your needs.



#### The Aventa roof-mounted air conditioning system

- is mounted on the roof to save space and takes up very little space inside the vehicle for maximum freedom of movement
- the Aventa comfort also allows you to heat using an energy-saving heat pump
- looks good, both inside and out

#### The Saphir storage box system

- is installed in the storage compartment, and gives the vehicle a low centre of gravity
- distributes the cool air individually and extremely flexibly in the vehicle
- minimum noise during cooling operation for more comfort at any time of day or night
- the Saphir comfort RC variant has an integrated heat pump function

## The right air conditioning system

An easy decision with Truma

When choosing the right air conditioning system, it's important to remember that the bigger the interior, the warmer and more humid the climate, and the less time your vehicle spends in the shade, the more cooling power you'll need.

You're bound to find precisely the right system to suit your needs among the variety of powerful Truma models.

**To ensure even cooling throughout your vehicle, observe the following rule of thumb:**

**Aventa roof-mounted air conditioning system**

eco

comfort

**Saphir storage box system**

compact

comfort/comfort RC

vario

Living area to be cooled approx. 4.5 m | 5 m | 5.5 m | 6 m | 6.5 m | 7 m | 7.5 m

For longer vehicles we recommend two Truma air conditioning systems

### Tip

The promobil comparison test (magazine 09/2011) shows: The Truma Aventa comfort is impressive because of its rapid cooling, low power consumption, even temperature distribution and light weight.

More information is available using a QR code on your Smartphone or online at [www.truma.com/aventa-test](http://www.truma.com/aventa-test)



## Aventa comfort

The undisputed star of roof-mounted air conditioning systems

Behind the attractive and innovative design of the Aventa comfort roof-mounted air conditioning system are two powerful and efficient units: On the one hand there is a comfortable air conditioning system, which efficiently cools and dehumidifies the interior on hot days. On the other hand it can also be used as a heat source for the transitional period – and the heat pump is extremely energy-saving.

## Aventa eco

Cooling has never been as efficient

You will be impressed with the new Aventa eco. Its superb cooling performance will bring your vehicle effortlessly and quickly to the required feel-good temperature. It uses so little power that it can even be used on campsites with weak fuse protection. Perfect for everyone who wants performance and economy at the same time.



reddot design award  
winner 2012



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BEST PRACTICE



- Powerful cooling and exceptionally high air output of 2400 W
- Maximum efficiency in heating and cooling operation
- Extremely light at just 33 kg
- Sleep function for quiet cooling
- Practical timer function
- Quick and easy to retrofit

- Cools with a powerful 1700 W
- Extremely low power consumption of 2.8 A
- The lightest in its class with just 28 kg
- Sleep function for quiet cooling
- Practical timer function
- Quick and easy to retrofit

## Air that is fresh and pleasant – and distributed just where you want it

Original Truma cooling comfort for roof mounting

### Aventa air distribution unit

- Extremely flat inside for more freedom of movement
- Technically optimised for extremely low-noise operation
- Honeycomb-shaped air filter system cleans the air inside the vehicle
- Dimmable LED ambient lighting
- Available in two attractive colour combinations to complement the interior decor of your vehicle



Air distributor, grey



Air distributor, cream/brown

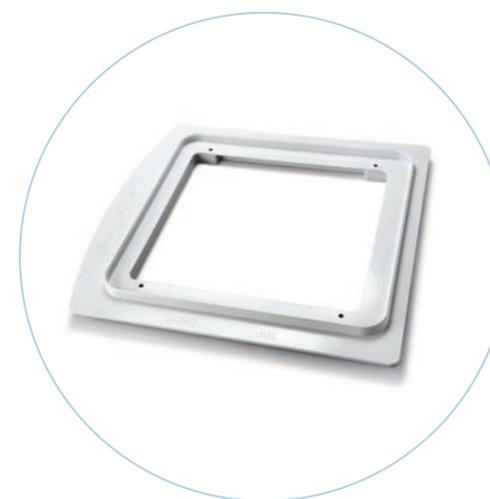
### Outstanding air distribution throughout the vehicle



- Four air outlets that can be individually adjusted to the left and right
- The air flow can be split so that specific quantities are fed into the front and rear areas of the vehicle
- The air flow can be deflected from the ceiling to the floor

## The new sealing frame

Exclusively for Aventa roof-mounted air conditioning systems



Now the Aventa can be installed extremely easily, quickly and perfectly. No water leaks through the roof, even without additional sealing.

- Permanent sealing from the interior
- For roof thicknesses of 25–110 mm
- Ideal if a skylight was previously installed

## Saphir compact

Small, light, economical

The lighter the better. At just 20 kg, the Saphir compact is astonishingly light. Thanks to its low power consumption, it's suitable for use at any of Europe's campsites.



- 1800 W of cooling power
- Extremely low power consumption of 2.8 A
- Astonishingly light
- Extremely quiet, particularly in sleep mode
- Cools even whilst the vehicle is on the move\*
- Practical timer function

## Saphir comfort

Light, quiet, powerful

Thanks to its superb performance capabilities, the Saphir comfort cools every inch of recreational vehicles, including long ones. At just 22.5 kg, it sets new standards in its class.



- Extremely powerful cooling performance: 2400 W
- The lightest in its class
- Practical timer function

## Saphir comfort RC

One appliance that both heats and cools

The new Saphir comfort RC also offers an integrated heat pump function through its reversible cooling circuit. So it can be used to provide warmth before the real heating season begins.

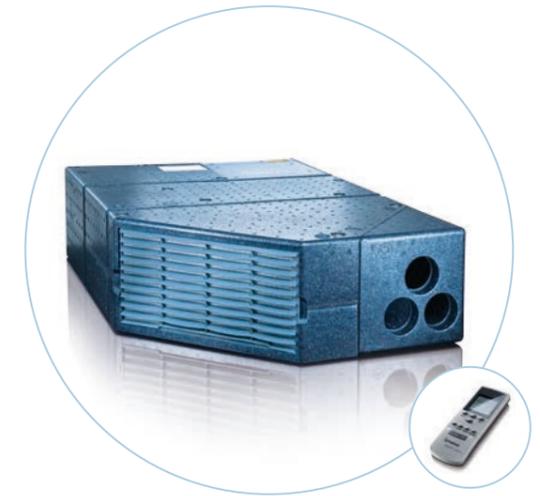


- Extremely powerful cooling performance: 2400 W
- Heat pump mode warms using up to 1700 W
- Automatic heating and cooling
- The smallest in its class
- Practical timer function

## Saphir vario

Intelligent automatic air conditioning for motor caravans

The world's only air conditioning system that can be installed in the false floor of a large number of motor homes, thanks to an installation height of just 20 cm. Three variable power settings each with two different fan settings ensure maximum comfort.



- Three variable power settings (600 / 1500 / 2000 W)
- Maximum comfort with just 28 kg
- For installation in false floors
- Cools even whilst the vehicle is on the move and independently when stationary\*\*
- Automatic voltage detection for achieving a comfortable cooling level with ease\*\*
- Practical timer function

\* With TG 1000 sinus power inverter

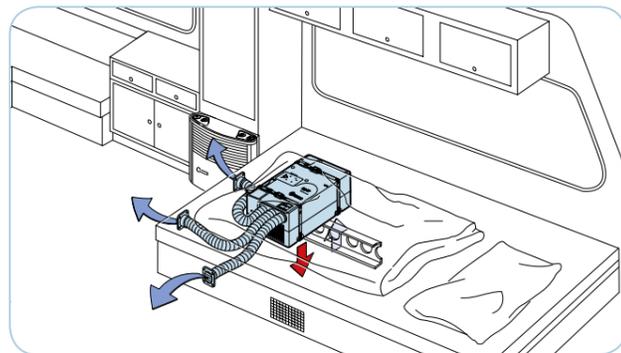
We recommend installing 2 Saphir air conditioning systems in vehicles that are 6.5 m or longer!

\*\* With TG 1000 sinus power inverter

Accessories for the Saphir storage box system

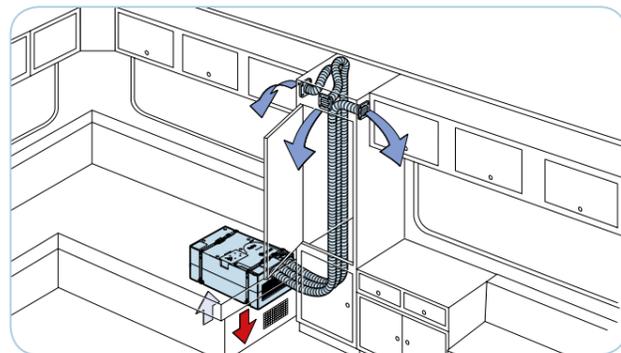
## Comfort exactly how you choose it

Suggestions for air distribution



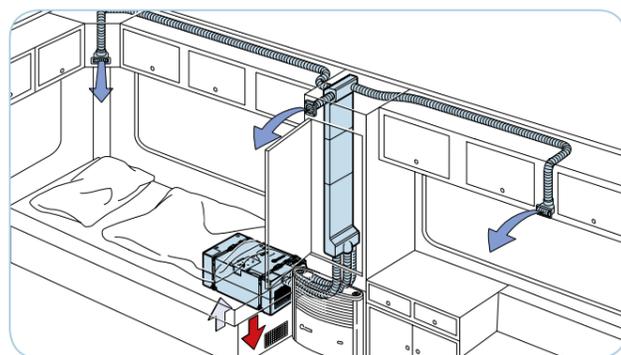
### Eco solution

Installed easily, quickly and at low cost.



### Comfort solution

Functional and convenient. For even air distribution in the interior.



### Luxury solution

Maximum living and sleeping comfort by means of the individually extendable cold air system.



### Tip

With a few simple tips for correct cooling you can significantly improve the performance capability of your air conditioning unit.

Find out how at [www.truma.com](http://www.truma.com)

## Enjoy even more comfort when cooling

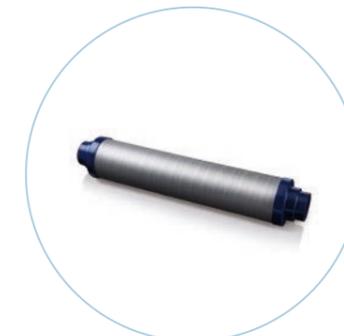
With original Truma accessories



### TG 1000 sinus power inverter

Keep your independence

The TG 1000 sinus power inverter gives you completely independent cooling, using a battery when the vehicle is stationary (Saphir vario) and using the dynamo whilst on the move (Saphir vario and Saphir compact).



### Sound muffler

As quiet as you want it

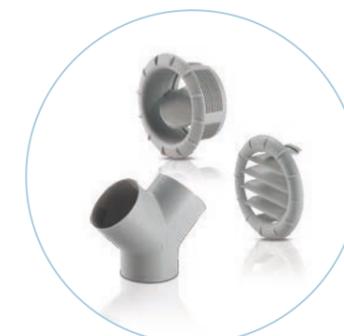
Just one sound muffler\* reduces air flow noise in interior areas by 50 %. Two sound mufflers\* bump this up to 90 % – and are extremely easy to integrate into the cold air flow.



### Air outlet channel

Quieter, even outside

The air outlet channel at the supply air outlet underneath the vehicle reduces exterior noise.



### Air distribution

Optimised right down to the last detail

With this perfectly harmonised modular system you can regulate the air volume and adjust the direction of air flow – for perfect circulation and a comfortable climate that's tailored precisely to your needs.

\* in each cold air system





## MANOEUVRING SYSTEMS

Some of the best pitches are often difficult to access. There is often little room to manoeuvre, or the ground is wet and uneven – and no-one is there to push.

Mover® manoeuvring systems make parking in tight spaces child's play. Conveniently move your caravan by remote control, with millimetre accuracy and safely on any terrain. And enjoy your holiday right from the start.

## Faster, stronger, more flexible

### The new Truma Mover<sup>®</sup> manoeuvring systems

We have been developing innovative manoeuvring systems for caravans for more than 14 years. 14 years in which we have acquired a considerable amount of experience. Above all, this is because we too are camping enthusiasts, and know exactly what is important on the move.

All of this knowledge has flowed into our latest Mover<sup>®</sup> manoeuvring systems. You'll be impressed by the result: powerful, convenient solutions that can be relied on any time, anywhere.



## Precise manoeuvring anywhere

### The advantages at a glance



#### Park with millimetre precision

In any space and any tight corner



#### No rolling backwards or sliding

Secure grip, even on gradients of up to 25%



#### Manoeuvre single-handedly with ease

Conveniently by remote radio control



#### Jerk-free starting up and precise coupling

Precise positioning thanks to Durasoft drive



#### Manoeuvre securely on any surface

Snow, gravel, grass or sand – copes with any terrain



#### Conquer obstacles with ease

Kerbs are negotiated without any problems



#### Durable and almost maintenance free

The robust housing protects the motor and the gearbox from splash water and dirt.



#### Extremely light and compact

For more ground clearance and better driving characteristics



### Product video

See the Truma Mover<sup>®</sup> in action!

Simply by using a QR code on your Smartphone or online at [www.truma.com/mover-film](http://www.truma.com/mover-film)



## Truma Mover® SR

The well-tried entry-level model now does even more for you

The high-quality Truma Mover® SR has undergone consistent further development for you. The result: an optimized design, a more powerful motor and all at the same attractive price. It is now more worth it than ever to retrofit.



- Now moves single-axle caravans up to 2000 kg
- A lightweight choice at 34 kg
- Manual engagement and disengagement from one side
- User-friendly manoeuvring thanks to the radio remote control

## Truma Mover® SE R

Maximum convenience for single-axle vehicles

You can manoeuvre your caravan simply, precisely and with no effort whatsoever with the Truma Mover® SE R. Thanks to its powerful motor, the lightweight even overcomes inclines of up to 15 %. It couldn't be more convenient to manoeuvre a single-axle vehicle.



- For single-axle caravans up to 2000 kg
- The lightest in its class at 33 kg
- More powerful and faster thanks to the new high-performance motor
- Electrical engagement/disengagement via radio remote control

## Truma Mover® TE R

The all-rounder for twin-axle caravans

Precise manoeuvring has never been so easy. Thanks to its well thought-out design, the Truma Mover® TE R also moves longer caravans conveniently by radio remote control and is so light that it does not put any unnecessary strain on either the handling or your petrol bill.



- For twin-axle caravans up to 2250 kg
- The lightest in its class at 33 kg
- More powerful and faster thanks to the new high-performance motor
- Electrical engagement/disengagement via radio remote control

## Truma Mover® TE R4

This new powerhouse moves the luxury class

With the new Truma Mover® TE R4 you can now also park extremely large and heavy twin-axle caravans precisely and conveniently. Its 4 ultra-powerful motors move your premium caravan around any corner smoothly and safely – with the convenience of remote control.



- For twin-axle caravans up to 3000 kg
- 66 kg that carry hardly any weight
- The most powerful system on the market with the best handling
- Electrical engagement/disengagement via radio remote control
- Drives effortlessly around bends and corners

## Say goodbye to weak batteries The Truma Mover® PowerSet

The perfect accessory for your Truma Mover®

The Truma Mover® PowerSet charges your batteries quickly and reliably and therefore not only provides optimum functionality but also makes the equipment operate for up to 50 % longer.

Including  
Cable kit



- Up to twice the service life of normal batteries
- Vibration-resistant
- Complete safety thanks to battery cut-off switch
- Battery and charger work in perfect harmony
- No leakage thanks to solid electrolyte
- With temperature sensor for optimum charging

**PowerSet** with OPTIMA® YT S 4.2 (55 Ah) battery  
**PowerSet Plus** with OPTIMA® YT S 5.5 (75 Ah) battery  
and BC 416 IU charger

### Tip

To increase the service life of your battery, it should be fully charged and stored in a cool, dry place during the winter months.

The charge should also be topped up for 24 hours every 3 months.

## Safe as houses

- Motors with overload protection
- Safety socket to prevent unintentional engagement
- Immediate stop when operating buttons are released
- Automatic stop outside remote control range
- Automatic motor safety check
- Soft start-up of the drive motors
- Permanent monitoring of power transfer to tyres\*

\* Mover® SE R and TE R and TE R4 only

## SolarSet 23 to preserve your battery charge

Carefree through the winter with the help of the sun

- Protects your battery against deep discharge
- Secure roof fastening system, certified by DEKRA
- Perfectly matched components

Charge preservation kit with solar module (monocrystalline, 23Wp), solar charge controller and solar installation kit

NEW!

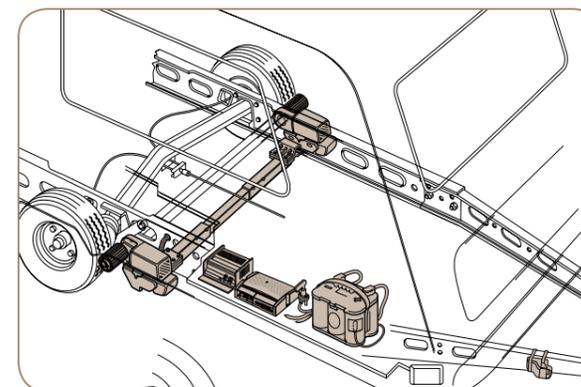


## Installation overview

Here you can see a graphical example of how Truma manoeuvring systems are installed and the accessories recommended for them.

### Everything at a glance

Detailed information about technical data and the comprehensive range of Truma Mover® accessories can be obtained from your specialist dealer and at [www.truma.com/mover](http://www.truma.com/mover)





## POWER SUPPLY

Make it cosy for yourself on the move: Truma power supplies make you even more independent.

Whether you're using it for your coffee machine or air conditioning system, cooling or heating devices, at a campsite or even out in the wilderness – we'll make sure a power supply is there for you and your devices, whatever the time or place; thanks to a perfectly harmonised system that provides reliable, optimised control for the power supply in your recreational vehicle.

So there's no need to miss out on the comforts of home, even when you're on holiday.

## Power comfort on the move

### Technology for more freedom

In today's world we are seeing a growing trend towards on-board devices: televisions, computers, refrigerators and air conditioning units are often all incorporated into recreational vehicles as a matter of course. This means that perfectly harmonised devices are an indispensable part of guaranteeing a seamless and safe power supply.

Whatever the motor home or caravan, the system components required for ensuring this are supplied directly from Truma and thus satisfy Truma's renowned quality standards. They guarantee the utmost safety and keep equipment running reliably for the long haul.

## The advantages at a glance

### Safety and quality from a single source



#### Optimum protection

for people, consumers and batteries



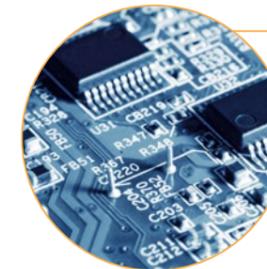
#### Maximum availability

of power, even under tough conditions



#### Quality components

from Truma, working in perfect harmony



#### Long service life

thanks to state-of-the-art technology



## VeGA – innovative fuel cell technology

### Generate your own power

The Truma VeGA system guarantees a power supply to suit your requirements – any time, anywhere. This system generates power from the liquid gas you already have on board. It is quiet, efficient, reliable and environmentally friendly. The VeGA fuel cell system combines cutting-edge technology with maximum benefit and superb ease of operation.

To ensure you too can trust in the proven Truma quality offered by the VeGA system, we have subjected it to a comprehensive range of in-house tests as well as rigorous tests in the field by our customers.

- **Rated power max. 250 W**
- **Charging current max. 20 A at 12 V**
- **Charging capacity max. 6,000 Wh/day**
- **Gas consumption 100 g/h**
- **Low operating costs**
- **Fully automatic operation**



### Video

[www.truma.com/vega-film](http://www.truma.com/vega-film)



## Guarantee your own permanent power supply

VeGA allows you to operate several electrical consumers at the same time.



VeGA starts up automatically, depending on the charge state of the power supply battery and the load connected to it. The device is equipped with an electronic charging function that charges the battery (depending on the type of battery).

### VeGA Plus:

VeGA with additional communication interfaces for control via external energy management systems (e.g. for combinations with lithium-ion batteries).



### High output

- Up to 250 W / 20 A and max. 6,000 Wh charging capacity per day
- Optimised battery charging technology



### Environmentally friendly technology

- Low waste gas emissions
- Quiet operation
- Clean liquid gas fuel (propane and/or butane)



### Liquid gas – the perfect energy source

- No additional weight or space requirements in the vehicle
- More independence – up to 28 kWh per 11 kg LPG cylinder
- High availability thanks to well developed infrastructure



### Constant supply of power

- Independent operation, regardless of the time or weather conditions
- Use in parallel with the supply battery
- Shorter charging times



### Complete comfort

- Fully automatic operation
- High-quality, easy-to-operate colour touch screen display
- Low maintenance
- Tried and trusted Truma service



### Outstandingly economical

- Superb value for money
- Low operating costs

## SolarSets

### Additional efficiency and safety

Truma SolarSets comprise perfectly matched quality components fitted with monocrystalline solar cells to guarantee the maximum power output per surface area. A choice of four power classes is available so you can find the right SolarSet for each application. To ensure that Truma SolarSets remain firmly attached to the vehicle, no matter how inclement the

weather, we have designed the roof fastening system in compliance with stringent DEKRA test standards and obtained certification to give you the confidence that the system is safe. Thanks to the intelligent design, which is easy to assemble, the system is installed in a flash so you can quickly enjoy that new-found feeling of freedom.

#### Installation kit



SolarSet 23

## Convenient and independent power supply generated from solar energy

The SolarSets come complete with all the components you need for installing a mobile solar power system.

- **Choice of four power classes: 150 Wp, 100 Wp, 65 Wp and 23 Wp**
- **Maximum surface area efficiency with monocrystalline solar cells**
- **Charges without causing battery stress**
- **Quick and easy installation with reverse polarity protected plug-in connection**
- **Innovative installation kit:**
  - Safety tested by DEKRA
  - Flexibly compatible with all framed solar modules
  - Time-saving and simple module fastening with self-tapping screws
  - Minimum packaging space that protrudes just 77 mm
  - Flow-optimised spoiler for optimised module cooling

### Which solar module is right for which purpose?

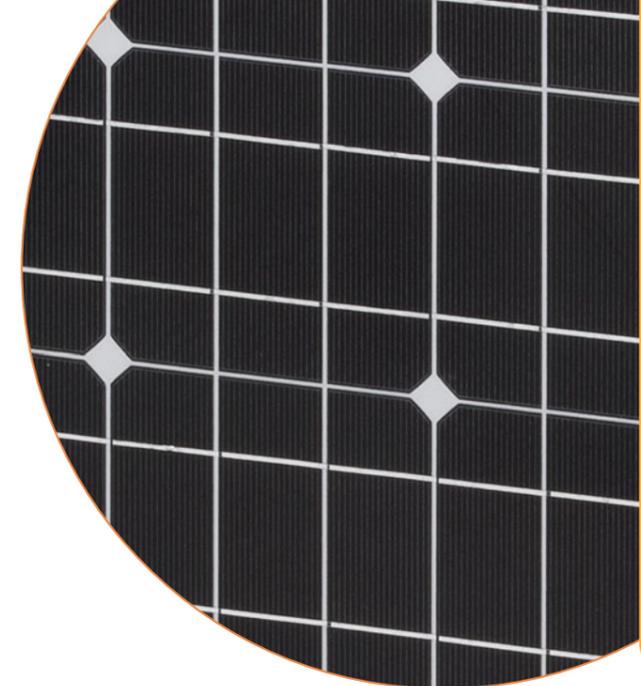
- SolarSet 150**
- SM 150: Module output 150 Wp
  - Solar dual battery charger SDC 20: 20 A
  - Solar installation kit
  - Vehicle class: medium-sized to large motor caravans



- SolarSet 100**
- SM 65: Module output 100 Wp
  - Solar dual battery charger SDC 10: 10 A
  - Solar installation kit
  - Vehicle class: medium-sized to large motor caravans



- SolarSet 65**
- SM 65: Module output 65 Wp
  - Solar dual battery charger SDC 10: 10 A
  - Solar installation kit
  - Vehicle class: small motor caravans without TV/satellite



#### Tip

The SolarSet 23 is ideal for preserving battery charge in conjunction with the Mover® PowerSet, see page 60.

## OPTIMA® YT S battery

Packed with power in 55 Ah or 75 Ah versions

Maximum power, maximum performance. As well as being entirely maintenance-free, Optima® YT S batteries offer a whole host of advantages compared to conventional batteries.



- Extremely fast recharging with Truma charging devices
- Long service life thanks to large number of cycles and corrosion-resistant connections
- Spiral cell technology for extremely high power take-off
- Resistant to harsh movement thanks to shock-proof polypropylene housing
- No leakage thanks to fixed electrolyte and integrated fleece
- Can be installed in any position
- Maximum vibration resistance

### OPTIMA® YT S 4.2 / 5.5

- Capacity (C20): 55 / 75 Ah
- Weight: 19.5 / 26.5 kg



### Tip

#### How to store your battery over the winter:

- Remove the battery to extend its service life
- Store lead batteries in a cool and dry place, and fully charged
- Recharge at least every three months (charge for 24 hrs.)

Disconnect the negative terminal if the battery is out of service for longer periods during the year. Quickpower terminal clamps are ideal.

## Battery holder for OPTIMA® YT battery

Installation made easy



This battery holder ensures batteries can be fixed in place quickly and easily. Suitable for OPTIMA® YT S 4.2 and OPTIMA® YT S 5.5.

## Battery Control Unit BCU 35

Protects your battery up to 35 A



The battery monitor switches consumers off in good time. It protects sensitive devices from undervoltage and the battery from deep discharging. Switching current max. 35 A.

## Control Panel CP V

Displays the voltage of your batteries



This battery control panel enables you to check the voltage of two 12 V batteries (e.g. a starter and supply battery) quickly and easily: A three-colour LED strip also ensures you always know exactly what's happening.

## Control Panel CP W and filling level sensor

Keeping an eye on the water tanks



Filling level sensor

The Control Panel CP W is used to display the filling level of the fresh water and wastewater tanks. The current filling level is called up by pressing a button; it is measured by either the 5-stage fresh water filling level sensor or the five contact sensors. The filling level is displayed by an LED strip in four stages.

## Quickpower terminal clamps

The quick solution



Connect and disconnect the battery connections quickly and easily without tools. The terminal clamps are suitable for all DIN and SAE-compliant connections.

## Automatic charger: a new generation

### High-tech for your battery

Charge your batteries safely, quickly and efficiently with our automatic chargers, which are suitable for all of the most popular batteries. They top up the power that has been used immediately, balance mains fluctuations and make maximum energy storage possible by means of temperature controlled charging. In conjunction with a suitable BC panel (see page 172), your power supply is therefore guaranteed for the long term when you are on holiday



BC panel

- Available with charging current of 16, 30 or 60 A and one, two or three outputs
- Charging with state-of-the-art microprocessor-controlled technology and IUoU charging characteristic
- Automatic equalisation of voltage fluctuations
- For batteries with liquid, gel or AGM technology
- The optional BC panel shows the different charging phases of the battery
- Robust design
- Silent charging



## NP 3000 mains protector

### More reliable protection against overvoltages

All devices that use a 230 V power supply are at permanent risk due to frequently-occurring voltage spikes. These are caused by generators, which cause fluctuating motor output on ferries or in neighbouring vehicles on a camp site. This is where the mains protector NP 3000 comes in. It offers an effective method of preventing your devices from sustaining damage as a result of overvoltages.



- Automatic shut-off in the event of an overvoltage
- Rapid reactivation after just 6 seconds
- Illuminated display to indicate readiness for operation
- Test button for checking device is working properly
- Can be used with all voltage sources that are in use
- Easy to install in the on-board electrical power supply



## AC-P 10 A / 30 mA automatic cutout

### Protects you and your system

Automatic cutout with earth leakage circuit breaker protects mains cables and people in the event of an overload or short circuit.



### Tip

IEC 60634-7-721 stipulates the use of an earth leakage circuit breaker for new installations, retrofits and in the event of service.

## PS 50 Automatic series unit

### A supply you can rely on

This series unit is ideally suited to supplying power directly to water pumps, fans, light bulbs and many other 12 V DC consumers in your caravan.



- Automatic priority switchover of input voltages to mains operation
- High output thanks to efficient ventilation in the housing

## Voltage booster VB 10

### Perfect voltage equalisation

It compensates for differences in voltage between the starter and supply battery. The voltage booster rapidly charges the supply battery while driving – overcharging is ruled out.



- Built-in refrigerator cut-off relay
- Disconnects consumers from the starter battery when the motor is turned off
- Suitable for gel or liquid electrolyte batteries



## MISCELLANEOUS

Finally, you will find still more accessories here, such as control panels, lights, testing kits and special tools.





## Truma Nova gaslight

### Cosy atmosphere without electricity

The gaslight provides stylish lighting and a cosy atmosphere everywhere. Be it in your mobile home, in the awning or in your romantic mountain chalet. Reliable, safe and electricity-independent.



- With a bleached glass fibre shade, including 2 screw-on mantles and heat deflector
- Shade also available in white
- With thermoelectric safety pilot (also suitable for vehicles)
- Output up to approx. 60 W
- Gas pressure 30 mbar or 50 mbar
- Retrofitting possible

## Nova gaslight: Accessories



**SW shade**  
for Nova lights NLZS and NLS bleached, new design



**On surface fitting**  
for surface mounting the gas supply line



**Burner BVL**  
available for 30 mbar or 50 mbar gas pressure



**Flint ignitor**



**Screw-on mantle NG**

## Truma ceiling light LZS

### Cosy atmosphere without electricity

Ideal for mountain chalets and numerous other areas of application.



#### Ceiling light LZS, with fitting kit A

30 - 50 mbar with thermoelectric safety pilot, output up to approx. 60 W, gas consumption 60 g/h **with Ø 18 cm OT opal globe**, 20 cm pendulum tube, ceiling bend, Ø 15 cm ceiling canopy, NG screw-on mantle



#### Ceiling light LZS, with fitting kit F

30 - 50 mbar with thermoelectric safety pilot, output up to approx. 60 W, gas consumption 60 g/h **with Ø 40 cm bell shade**, 20 cm pendulum tube, ceiling bend, OT opal globe, Ø 15 cm ceiling canopy, NG screw-on mantle



#### Ceiling light LZS, with fitting kit K

30 - 50 mbar with thermoelectric safety pilot, output up to approx. 60 W, gas consumption 60 g/h **with Ø 33 cm copper shade**, 20 cm pendulum tube, ceiling bend, OT opal globe, Ø 15 cm ceiling canopy, NG screw-on mantle

## Accessories for lights



**Nova burner NB**



**Ceiling canopy DÜB**  
Essential for wood ceilings!  
Ø 22 cm



**Screw-on mantle NG**



**Flint ignitor FL**



## Always there for you

### Worldwide Truma service

Truma products provide you with perfect comfort at all times. This is taken care of during development, manufacturing and continuous quality assurance. It's not for nothing that our customers throughout Europe confirm the reliability of our products.

Should you require our help nevertheless, we would be pleased to assist: with 500 service centres throughout Europe and worldwide in the most important camping regions, we are never far away. With the right tools, original spare parts and, of course, more than 60 years of experience. To get you going again quickly.

### Tip

Detailed information about Truma products, addresses of service centres and all installation instructions and instructions for use can be found at [www.truma.com](http://www.truma.com)

## Expert advice



Do you have a question or a problem? Help is at hand. From installation advice to troubleshooting, repair support and fault resolution. We would also be pleased to advise you on optimising and extending your warm air distribution. We look forward to your call.

### Our service hours

May to September:

Monday to Thursday 7.30–16.30 h

Friday 7.30–15.00 h

October to April:

Monday to Friday 7.30–17.30 h

Phone +49 89 4617-2142 Fax +49 89 4617-2159

[service@truma.com](mailto:service@truma.com)

## Service Centre Putzbrunn



Be it maintenance, repairs or installation of Truma comfort product, we will make your vehicle ready for the next trip in our service centre.

### Directions

Truma Gerätetechnik GmbH & Co KG

Michael-Haslbeck-Straße 13

85640 Putzbrunn, Germany

Detailed directions can be found at [www.truma.com/directions-putzbrunn](http://www.truma.com/directions-putzbrunn)

## International service



Of course, you can also rely on Truma Service at any time abroad.

- **We will coordinate our local service partners for you**
- **Locate spare parts abroad**
- **Help you with the local language**
- **and help you to remedy faults**

Phone +49 89 4617-2142 Fax +49 89 4617-2159

[service@truma.com](mailto:service@truma.com)

Please have the following information to hand: Model, serial number (see type plate on the appliance) and year of construction.





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