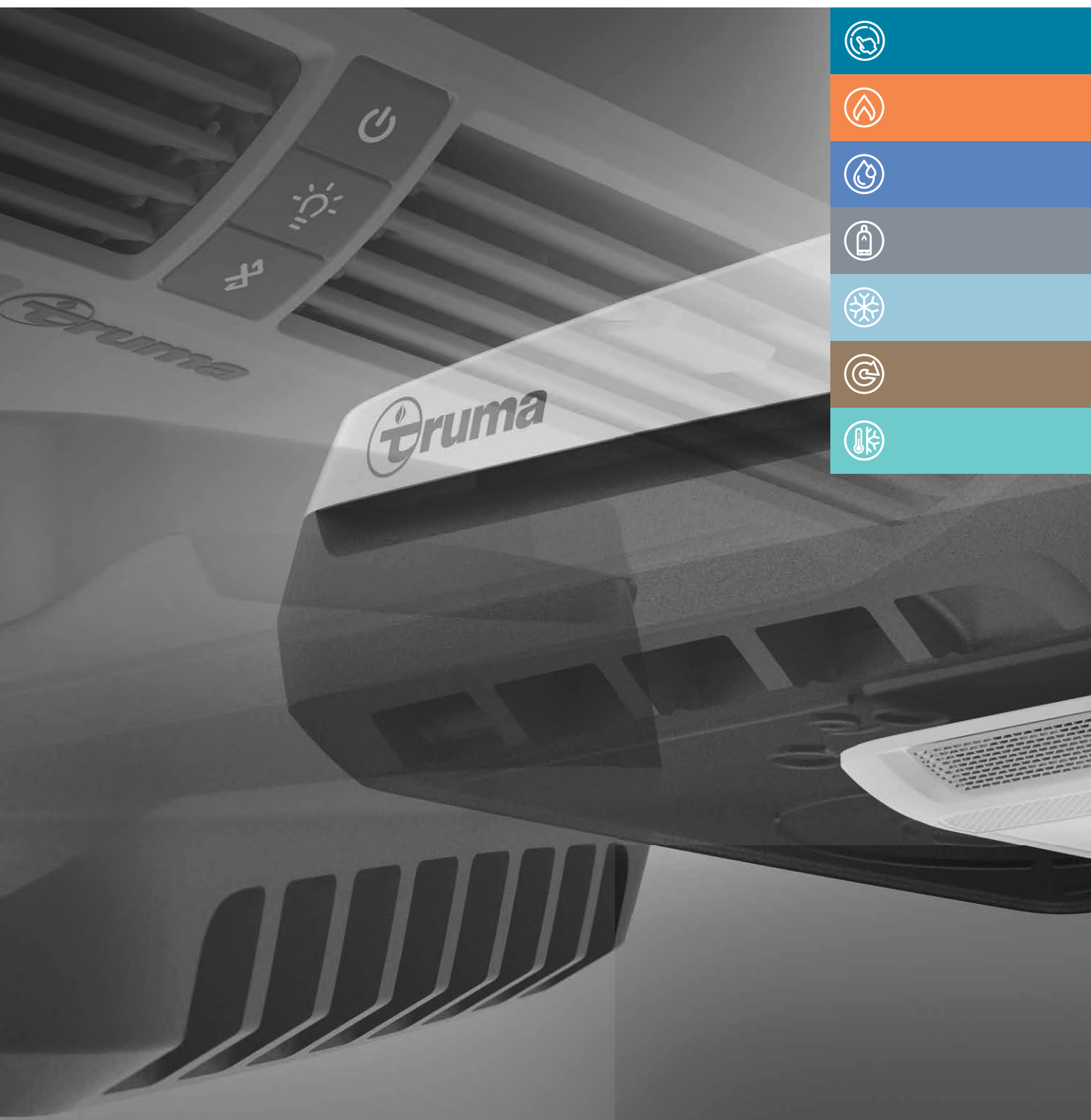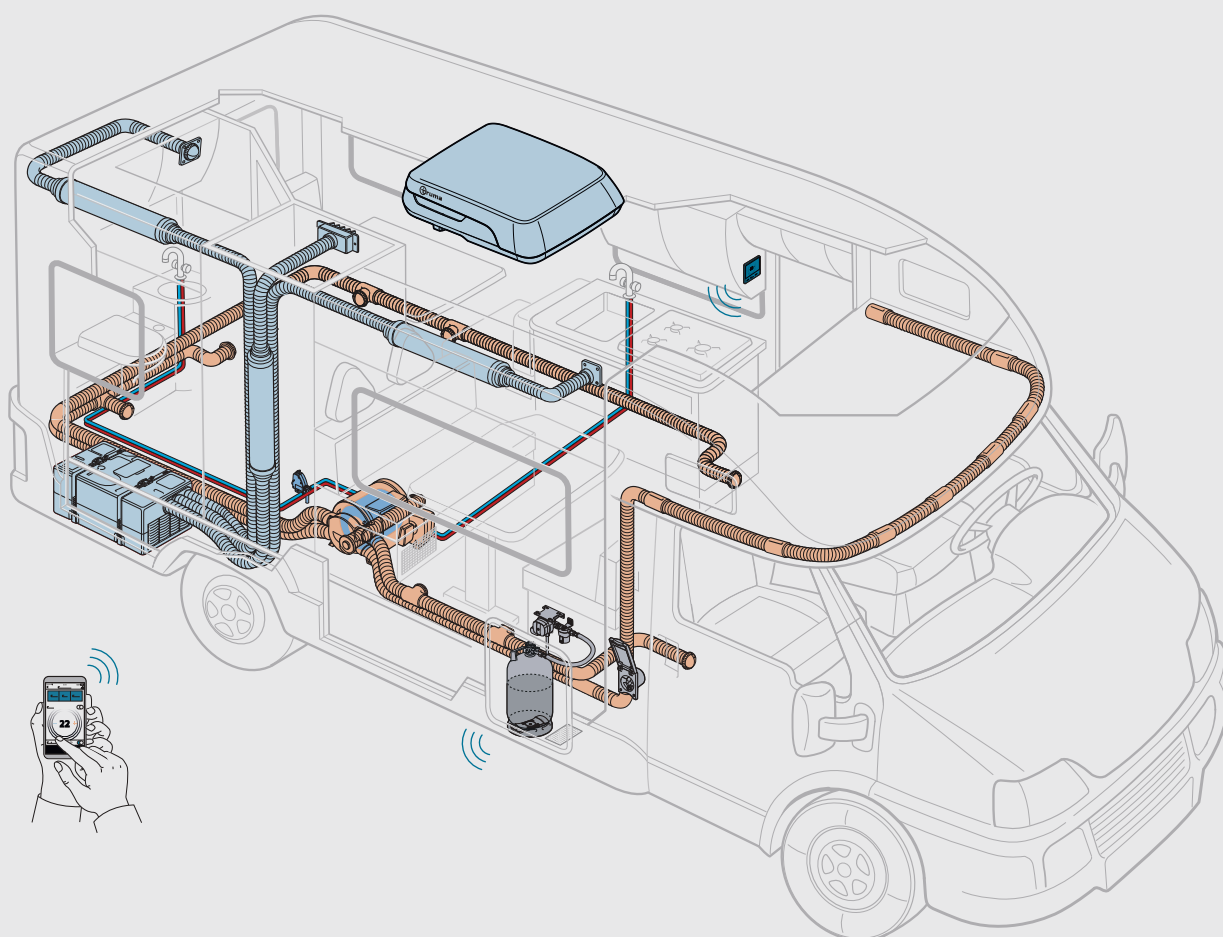# Truma Dealer Catalog 2025

Specialist dealer   Name
Sales
Workshop

Motor home

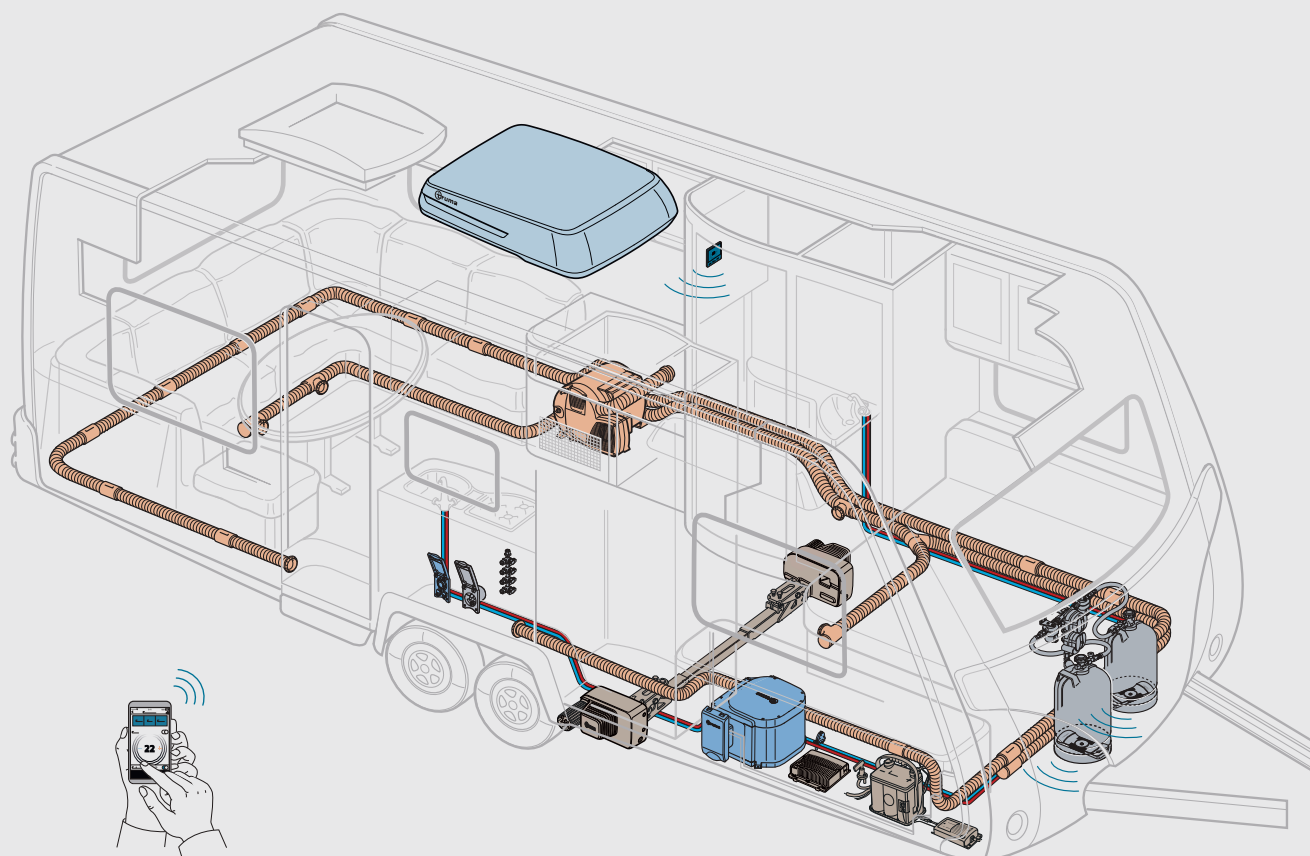

Caravan

truma

Table of contents

Please see the dealer portal for more information
about the current prices. Subject to changes and errors.
Products may differ slightly from the images shown.

A masterpiece of cool.

The new 2nd generation of our Aventa roof-mounted air conditioning systems features impressive design, weight, and comfort.

Welcome to a new era of roof-mounted air conditioning systems: With our Aventa 2nd generation series, you can always enjoy the perfect feel-good temperature—thanks to the new, infinitely variable compressor and the redesigned indoor air distributor. The improved Night Mode ensures particularly quiet and undisturbed nights. In addition, our roof-mounted air conditioning systems impress with their timeless design, low weight, and individual comfort settings.

MADE IN GERMANY

truma

New products for 2025

**Aventa 2nd generation
roof-mounted air conditioning system**
comfort, compact plus, and compact

Aventa air distributor
Extremely flat and available in
a basic and premium variant

Diagnostic Tool TC
Enables rapid
and precise repairs

Changes to our product portfolio

Discontinued with no replacement

Part No.	Description
30470-01	Lighting kit 1
30470-02	Lighting kit 2
30470-03	Lighting kit 3
40000-93100	Control panel cable, 1.3 m
30110-01	Cover S 3004 CI, titanium gray
30480-01	Cover S 5004 CI, titanium gray

Discontinued with replacement

Part No.	Description	NEW part no.	New description
50000-38000	Truma Diagnostic Tool	50950-01	Diagnostic Tool TC
36022-01	Truma CP plus	36023-01	Truma CP plus
36413-01	Truma iNet X Panel	36414-01	Truma iNet X Panel
60010-05000	Battery cut-off switch	60040-00430	Battery cut-off switch

Truma iNet X System
Intuitive control. Utmost comfort.

Automatic climate control

Air conditioning systems
+ heating systems
+ Truma iNet X system

= feel-good climate.
  Always. Everywhere.

Automatic

Truma iNet X Panel

Central control panel

Truma iNet X App

Convenient
to use in range
and remotely

Timer

Up to 6 start and end
times can be configured
for hot water and room
climate control

Heating systems

Combi heaters
Alde Compact 3020 HE

Air conditioning systems

Aventa
Saphir
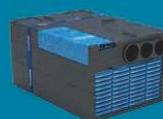
All products at a glance

Truma iNet X Panel

- **Central control unit**: Manage your appliances with just one smart operating system
- **Future-oriented**: Subsequently add new appliances and services by means of updates.
- **Intuitive operation**: Also use your smartphone for advanced control
- **Reliable**: Regular optimizations and detailed error displays in the event of problems

Truma iNet X App

Free app for the Truma iNet X Panel

The operating system includes the free Truma iNet X App, which allows customers to control the system via their own smartphone. The layout and design are the same as the Panel, meaning you will get to grips with the app in no time at all.

ⓘ **Note:** The Truma iNet X App is required to allow the full range of functions of the Truma iNet X Panel and software updates to also be used in future.

Truma CP plus

- **Operation**: With practical rotary push button and large backlit display.
- **Boost function**: Heats up water and the vehicle's interior very quickly (Combi heater).
- **Time switch**: The right water or room temperature set in advance at all times.

Truma Cooler App

Your customers can control their Truma Cooler with ease from their smartphone. All they need to do is download the free Truma Cooler App to control the coolbox using Bluetooth:

- Switch device on and off
- Set and control the temperature
- Switch turbo function on and off
- Change battery discharge protection
- Check battery voltage
- Display error messages

Truma LevelControl App

- Check the gas level via Bluetooth
- Use up to ten Truma LevelControls simultaneously

Important information:

The Truma iNet X Pro Panel is installed by selected vehicle manufacturers and offers an extended range of functions.

Retrofitting the Truma iNet X Panel
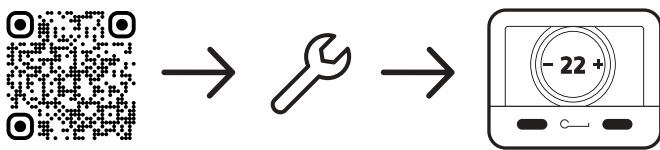
Check compatibility

Before starting work, check that all devices installed in the vehicle are compatible with the Truma iNet X Panel.

Use our compatibility list here:
truma.com/compability-inet-x-system

From Truma CP plus

The TIN bus cable in the Truma CP plus can still be used.

The 12-volt plug for steady plus is not compatible. The Truma iNet X Panel is supplied with a 12-volt, 0.5 m cable with the appropriate 12-volt plug.

The Truma iNet X Panel does not fully cover the height of Truma CP plus (which needs to be extended as a rectangle). Two drill holes from fixing Truma CP plus may be visible.

The iNet X Panel cover frame is able to solve this issue.

→ **Page 10**

If a Truma CP plus CI bus is installed in the vehicle, which is controlled by the central control panel of the vehicle manufacturer, a retrofit is sadly not possible.

From Truma CP classic

Truma CP classic does not have a 12 V connection, this must be installed for the Truma iNet X Panel.

The TIN bus cable in the Truma CP classic can still be used.
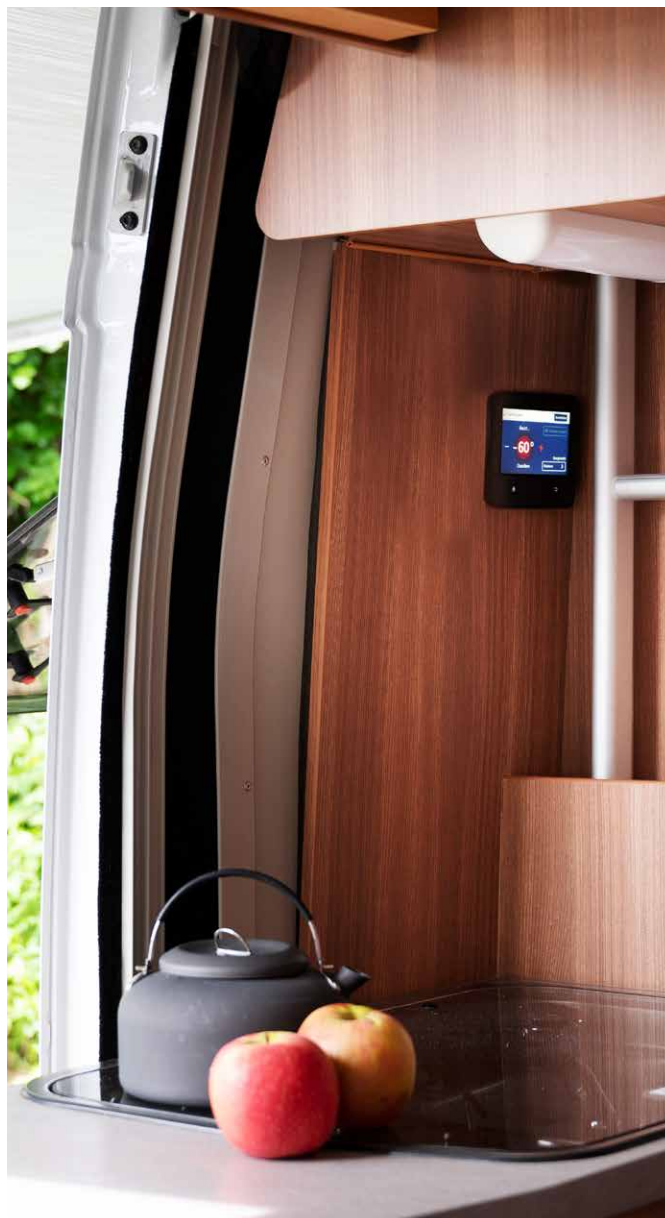
Conversation guidelines
for discussions with your customers

Do you have a Combi Gas or Diesel heater?
(for Combi Gas from year of construction 2018 and for Combi D from year of construction 2015)

If **yes**, then compare the serial number if possible.
If **no**, or older then use is unfortunately not possible.

Does the new Truma iNet X Panel fit into the existing cutout of the Truma CP plus?
Generally speaking, it does but two fastening holes remain visible. These can be concealed with the iNet X Panel cover frame.

Truma LevelControl cannot currently be controlled—this will soon be possible via software updates.
If your customer agrees, then you can recommend an installation.

Will Aventa comfort be controlled with the Truma iNet X Panel?
If **yes**, please inform your customer that LED ambient lighting is not yet supported.

Truma iNet X Panel

Product	Part No.	Description
	36414-01	**Truma iNet X Panel**

Truma iNet X Panel
Central operating system—intuitive and future-proof,
for iNet X-capable Truma appliances via smartphone / tablet

Technical data:
- **Touchscreen display**: 4.3" TFT LCD (resistive)
- **Operating temperature range**: -30 °C to +70 °C
- **Storage temperature**: -30 °C to +70 °C
- **Interfaces**: TIN bus, CI bus, CAN bus, Bluetooth
- **Bluetooth**: Output power: 5 dBm
  Tune-up tolerance: +/- 3 dBm
- **Power supply**: 12 V (8 V – 16 V)
- **Power consumption**: 1.5 W (13 mA)
- **Battery**: battery CR 2032
- **Weight**: approx. 150 g
- **Dimensions**: 96.7 x 120.1 x 31 mm (L x W x H)

Scope of delivery:
Control panel, 12 V connector cable, operating instructions, installation instructions, cable ties, fuse holder including 1 A fuse

Languages: DE / EN / FR / IT / ES

Dimensions in mm
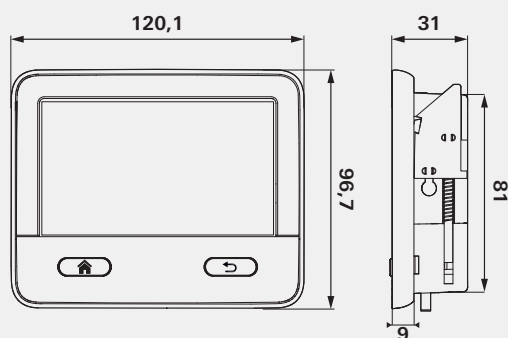
Connections
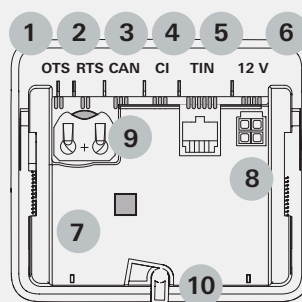
1. iNet X outdoor temperature sensor
2. iNet X room temperature sensor
3. CAN bus 1
4. CI bus interface
5. TIN bus interface
6. 12 V connection
7. Strain relief
8. CAN bus 2
9. Battery
10. Mounting claw

OTS RTS CAN   CI   TIN   12 V

iNet X outdoor temperature sensor connection

10 mm
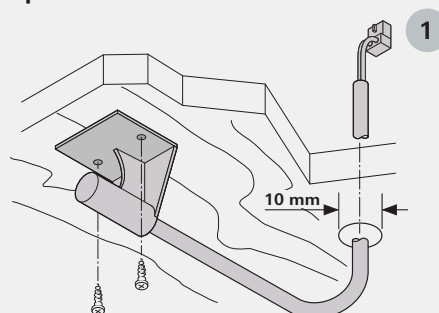
Accessories

Product	Part No.	Description
	47000-00140	**iNet X room temperature sensor** Alternative temperature sensor for direct connection to the control panel Truma iNet X Panel.
	36430-01	**iNet X outdoor temperature sensor** Temperature sensor to display the outdoor temperature on the control panel Truma iNet X Panel.
	36421-01	**Truma iNet X Panel cover frame** To conceal drill holes when changing from the Truma CP plus control panel to the Truma iNet X Panel.
	47000-00172	**Universal CI cable for iNet X, 1 m** Interface cable for connecting supported external CI appliances
	40781-02	**Cable, CAN, 3 m, m4f-m4f**
	40781-03	**Cable, CAN, 6 m, m4f-m4f**
	40781-04	**Cable, CAN, 9 m, m4f-m4f**

Truma CP plus

| | 36023-01 | **Truma CP plus**
LCD, with backlight

Technical data:
• **Power supply:** 8 V – 16.5 V
• **Power consumption:**
 max. 6.5 mA (100 % backlit)
 6.5 mA – 10 mA (standby)
• **Quiescent current consumption**: 3 mA (off)
• **Dimensions**: 92 × 103 × 40 mm (L × W × H)
• **Weight**: approx. 100 g |

CE UK CA

truma

General accessories for control panels

Product	Part No.	Description
	34000-67700	**Cover frame, black** for standard control panels
	34000-65900	**Line-up clip** for connecting two cover frames (34000-67700)
	34000-66800	**Side part, black** to improve the appearance of the cover frames (34000-67700) 1 pc., (2 required)
	40000-06400	**Surface-mounted frame, black** for standard control panels
	34030-39300	**CP plus surface-mounted frame, black**
	34030-35600	**CP plus cover, black**
	36120-01	**TIN distributor** for connecting two appliances
	39050-00175	**Control panel cable coupling** To connect a Saphir compact (from serial number 23091001) in connection with Truma CP plus / Truma CP plus VarioHeat.
	34301-02	**Extension cable for control panel cable, 3 m** Control panel cable, 3 m, and coupling for extension
	34301-01	**Extension cable for control panel cable, 6 m** Control panel cable, 6 m, and coupling for extension
	36110-01	**Control panel cable, 3 m**
	36110-02	**Control panel cable, 6 m**
	36110-03	**Control panel cable, 9 m**

Boiler Gas BGF $\textcircled{\textcircled{\char"1F4A7}}$

truma
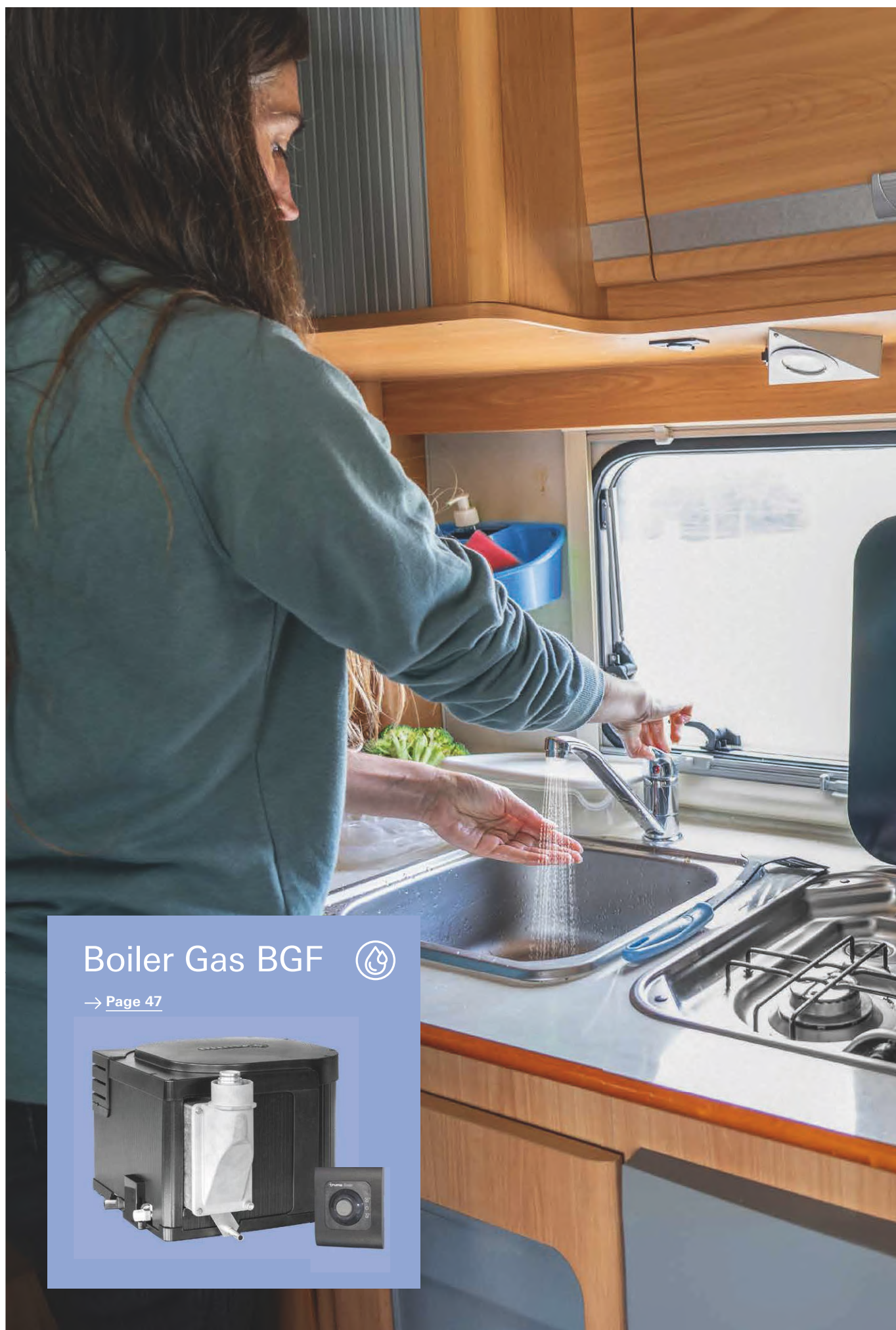
All products at a glance

Combi (E)
Combi D (E)
next generation

- **Versatile**: depending on the model, the appliances can be operated with gas or diesel.
  Also available as a hybrid heater in the Combi E variant
- **Combi E variant**: save more fuel with quiet, emission-free electric energy for your daily space heating and hot water needs.
- **Fast**: Up to 25 % faster heating up in hybrid mode (Combi 6 E / Combi D 6 E), thanks to a powerful output of 6900 W
- **Compact**: Lightweight, space-saving heater
- **Practical**: Simple installation
- **Combinable**: Automatic climate control possible in combination with a Truma air conditioning system

→ **Page 15**

Truma VarioHeat comfort / eco

- **Powerful:** High air throughput and the Boost function heat up the vehicle quickly.
- **Light:** The light weight gives your customers freedom when loading.
- **Time-saving:** Simple and flexible installation.
- **Convenient:** Proven Truma CP plus comfort and air conditioning system can also be controlled.
- **Troubleshooting capability:** Simply read the contents of the fault memory using the Diagnostic Tool TC.

→ **Page 38**

Truma
S 5004 / S 3004

- **Space-saving:** Perfectly integrated into the vehicle's interior design—thanks to the flat cover and modern look.
- **Independent:** Can be operated without power supply, and heating is possible while driving.

→ **Page 27**

Truma E-Kit*

- **Powerful:** Heat the vehicle faster with additional electric power.
- **Versatile:** Operate Truma VarioHeat and Truma E-Kit with electricity, gas, or a mix of both to suit your needs.
- **Compact:** Space-saving and light.

*use only in conjunction with Truma VarioHeat

→ **Page 38**

Ultraheat

- **Versatile:** The S heater and Ultraheat are operated either separately or together.
- **Safe:** The additional heater has automatic overheating protection.
- **Extendible:** An optional remote sensor is also available for optimum control of the room temperature.

→ **Page 32**

Truma S 2200

- **Convenient:** An optional fan distributes warm air evenly throughout the interior.
- **Independent:** Without a fan, the heater can be operated independently of a power grid.
- **Versatile**: Fumes from exhaust gas system can be directed outside via the roof or wall cowl.

→ **Page 34**

Combi (E) and Combi D (E)
Combi D (E) next generation

- **Lighter**: Weight savings of around 3 kg for the Combi D and 3.4 kg for the Combi D (E) in comparison with previous models

- **Self-sufficient for longer**: Very low battery power consumption

- **More efficient**: Lower diesel consumption thanks to more efficient combustion

- **Easy to service and maintain**: Longer service life thanks to more efficient combustion control

- **Automatic altitude adjustment**: Integrated altitude sensor automatically ensures an optimal combustion process at altitudes of up to 3000 m

- **Uniform**: Wall cowl is the same in both Combi variants Combi (E) and Comb D (E)

Service guide

Service recommendations
for the "next generation" Combi D

Concerns: Combi D 4 / Combi D 4 E / Combi D 6 / Combi D 6 E
Ref. No.: CB_062201_IMPSH
27.06.2022

The launch of the next generation of our Combi D has resulted in a number of relevant changes to the service procedure due to the components installed.

To differentiate between the two Combi D generations and to optimise the service procedure, information is provided below on compatibility, as well as specific features of the "next generation" Combi D and a comparison of the relevant components in both generations.

Device component compatibility
The installed device components of both Combi D generations differ greatly and cannot be used universally with few exceptions, such as the control panel cable.

As such, spare parts can only be used for the intended devices of the corresponding generation.
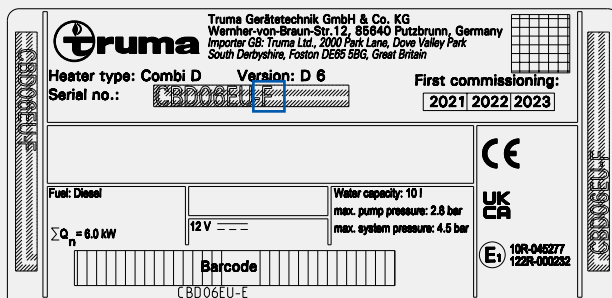
! Uniform replacement is neither intended for spare parts or for complete devices!

truma.com

More comfort on the move

Please note:
Detailed information on accessories,
for installation / conversion, and a Combi D (E) next generation service guide can be found in the dealer portal under Truma Parts

→ **portal.truma.com**

How the Combi D (E) and Combi D (E) next generation differ

Truma Gerätetechnik GmbH & Co. KG
Wernher-von-Braun-Str. 12, 85640 Putzbrunn, Germany
Importer GB: Truma Ltd., 2000 Park Lane, Dove Valley Park
South Derbyshire, Foston DE65 5BG, Great Britain

Heater type: Combi D   Version: D 6   First commissioning:
Serial no.:   CBD06EU-E   2021 2022 2023

Fuel: Diesel   Water capacity: 10 l
        max. pump pressure: 2.8 bar
ΣQ_n = 6.0 kW   12 V – – –   max. system pressure: 4.5 bar

CE
UK CA
E1 10R-045277
       122R-000232

Barcode
CBD06EU-E

Type plate

Letter with hyphen in the serial no.:
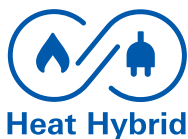
E = Combi D (E)

F = Combi D (E) next generation

Combi D 4   CBD04EU-**F**-
Combi D 4 E   CBY04EU-**F**-
Combi D 6   CBD06EU-**F**-
Combi D 6 E   CBY06EU-**F**-
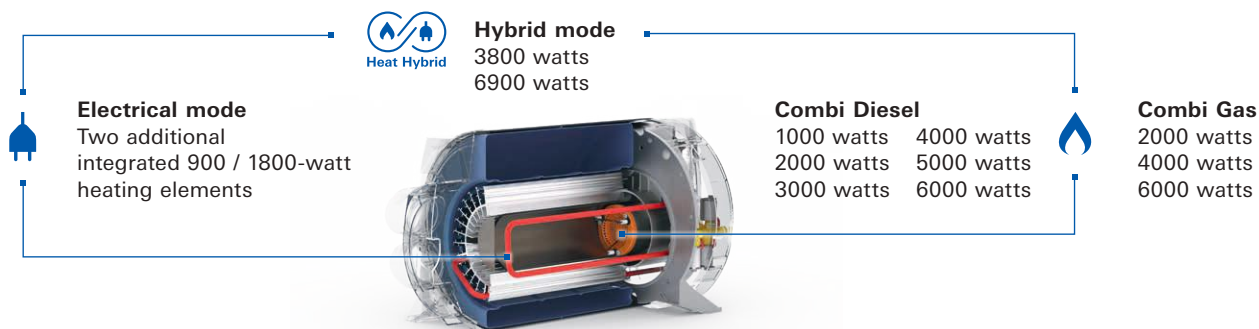
"E" = Heat Hybrid
Choose the additional electrical mode!

Maximum flexibility during heating

Heat Hybrid

Whether you prefer the convenience of a campsite or a completely self-sufficient holiday in the wilderness—the Combi **E variants** offer maximum flexibility, wherever you are. And whether you want to heat your vehicle or need hot water, you can always use the energy source that suits you best: electrical only, gas / diesel or hybrid mode.

Hybrid mode
3800 watts
6900 watts

Electrical mode
Two additional integrated 900 / 1800-watt heating elements

Combi Diesel
1000 watts	4000 watts
2000 watts	5000 watts
3000 watts	6000 watts

Combi Gas
2000 watts
4000 watts
6000 watts

- **Quiet:** In electrical mode, the heater is completely silent.
- **Economical:** Use the all-inclusive campsite electricity and save gas / diesel.
- **Environmentally friendly:** No emissions in electrical mode.
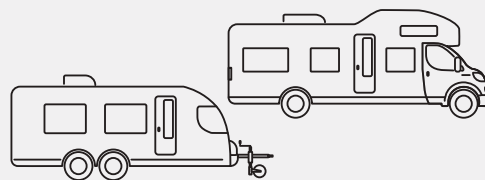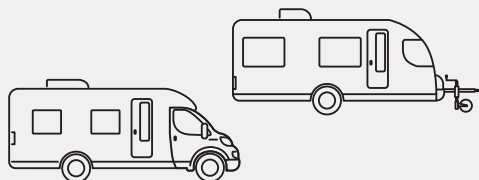- **Efficient:** Highly effective yet extremely low consumption.

Also with the Combi 6 E:
Up to 25 % faster heating of the interior

(during the boost phase and with a target/actual temperature difference of at least 10 °C).

Choose the right Combi from our range

Vehicle size:

Small   **Medium**   **Large**

Combi 4 (E) or Combi D 4 (E)   **Combi 6 (E) or Combi D 6 (E)**

Combi (E)

Product	Part No.	Description
	33814-20	**Combi 6 E iNet X Panel** LP gas and electric heater 230 V, 1800 W with hot water generator **Technical data:** Table **Page 18** **Scope of delivery:** Heater with room temperature sensor, Truma iNet X Panel, 6 m control panel cable, and fixing parts.
	33804-20	**Combi 6 iNet X Panel** Liquid gas heater with hot water generator **Technical data:** Table **Page 18** **Scope of delivery:** Heater with room temperature sensor, Truma iNet X Panel, 6 m control panel cable, and fixing parts.
	33714-20	**Combi 4 E iNet X Panel** LP gas and electric heater 230 V, 1800 W with hot water generator **Technical data:** Table **Page 18** **Scope of delivery:** Heater with room temperature sensor, Truma iNet X Panel, 6 m control panel cable, and fixing parts.
	33704-20	**Combi 4 iNet X Panel** Liquid gas heater with hot water generator **Technical data:** Table **Page 18** **Scope of delivery:** Heater with room temperature sensor, Truma iNet X Panel, 6 m control panel cable, and fixing parts.

Choose your water connection kit for your heater!

| | 36100-01 | **Water connection kit FC TB**
The kit comprises currentless drain valve FrostControl TB, the elbow fittings TB for water hoses Ø 10 mm and a soft and black PVC hose. (TB = fir tree) |
| | 36100-02 | **Water connection kit FC JG**
The kit comprises currentless drain valve FrostControl JG, the elbow fittings JG for rigid piping Ø 12 mm and a soft and transparent PVC hose. (JG= John Guest system) |

Note: The exhaust gas system (**Page 23**) and water connection kit are not included in the scope of delivery!

Combi D (E) next generation

Product	Part No.	Description
	33516-20	**Combi D 6 E iNet X Panel** Diesel heater with electric heater 230 V, 1800 W with hot water generator **Technical data:** Table **Page 19** **Scope of delivery:** Heater with room temperature sensor, Truma iNet X Panel, 6 m control panel cable, fuel line, metering pump, and fixing parts.
	33506-20	**Combi D 6 iNet X Panel** Diesel heater with hot water generator **Technical data:** Table **Page 19** **Scope of delivery:** Heater with room temperature sensor, Truma iNet X Panel, 6 m control panel cable, fuel line, metering pump, and fixing parts.
	33416-20	**Combi D 4 E iNet X Panel** Diesel heater with electric heater 230 V, 1800 W **Technical data:** Table **Page 19** **Scope of delivery:** Heater with room temperature sensor, Truma iNet X Panel, 6 m control panel cable, fuel line, metering pump, and fixing parts.
	33406-20	**Combi D 4 iNet X Panel** Diesel heater with hot water generator **Technical data:** Table **Page 19** **Scope of delivery:** Heater with room temperature sensor, Truma iNet X Panel, 6 m control panel cable, fuel line, metering pump, and fixing parts.

Choose your water connection kit for your heater!

| | 36100-01 | **Water connection kit FC TB**
The kit comprises currentless drain valve FrostControl TB, the elbow fittings TB for water hoses Ø 10 mm and a soft and black PVC hose. (TB = fir tree) |
| | 36100-02 | **Water connection kit FC JG**
The kit comprises currentless drain valve FrostControl JG, the elbow fittings JG for rigid piping Ø 12 mm and a soft and transparent PVC hose. (JG= John Guest system) |

Note: Exhaust gas system (**Page 24**), tank connection kit (**Page 20**), and water connection kit are not included in the scope of delivery!

Technical data

|		Combi 4 / Combi 4 E		Combi 6 / Combi 6 E		
Gas	Gas type	LP gas (propane / butane)				
	Burner settings	1	2	1	2	3
	Rated heat output	2000 W	4000 W	2000 W	4000 W	6000 W
	Gas consumption	160 g/h	335 g/h	160 g/h	335 g/h	460 g/h
Rated heat output hybrid operation (E-variant only)		Max. 3800 W		Max. 6900 W		
Rated heat output in electrical mode		900 W / 1800 W				
Electricity	Power consumption (12 V): Heater + water container Heating up water container	1.2 – 6.5 A 0.5 A		1.4 – 6.5 A 0.5 A		
	Power consumption (230 V) 900 W 1800 W	3.9 A 7.8 A				
	Standby current	0.001 A				
Heating	Air flow rate	Max. 287 m³/h				
Water	Heating up the water from approx. 15 °C to approx. 60 °C (in accordance with the standard EN 15033)	Water container approx. 23 min, heater + water container approx. 80 min				
	Water capacity	10 l				
	Maximum pressure when using a pressure pump for water	Max. 2.8 bar				
	System pressure	Max. 4.5 bar				

Operating systems

		Combi 4	Combi 4 E	Combi 6	Combi 6 E
Weight	Weight without water and without peripherals [1]	14.4 kg	15.5 kg	14.4 kg	15.5 kg
	Weight without water and with peripherals [1]	14.9 kg	16.0 kg	14.9 kg	16.0 kg

[1] Control panel, FrostControl, support, hoses, cables, fastening material
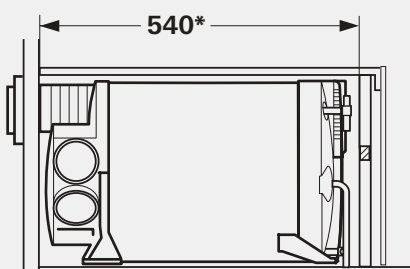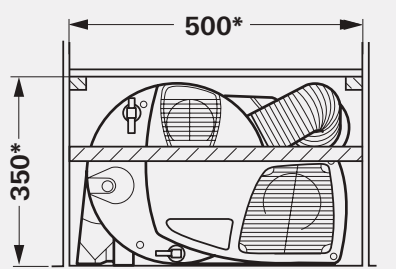
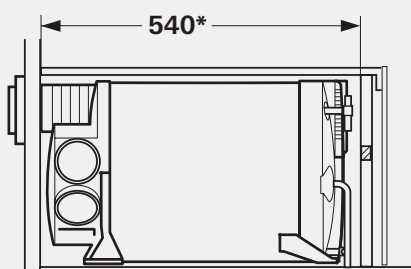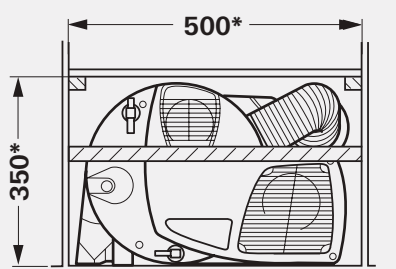* Minimum installation dimensions in mm (please ensure there is sufficient space for installation and service)

Combi D 4 / Combi D 4 E
next generation

Combi D 6 / Combi D 6 E
next generation

Fuel	Fuel type	**Diesel** (according to EN 590), **HVO** (DIN EN 15940) [1]	
	Number of burner settings	4	6
	Rated heat output	1000 – 4000 W	1000 – 6000 W
	Diesel consumption	0.1 – 0.4 l/h	0.1 – 0.6 l/h
Rated heat output hybrid operation (E-variant only)		Max. 3900 W	Max. 6900 W
Rated heat output in electrical mode		900 W / 1800 W	
Electricity	Power consumption (12 V): Heater + water container Heating up water container	0.4 – 8.1 A 0.5 A	
	Power consumption (230 V) 900 W 1800 W	3.9 A 7.8 A	
	Standby current	0.001 A	
Heating	Air flow rate	Max. 287 m³/h	
Water	Heating up the water from approx. 15 °C to approx. 60 °C (in accordance with the standard EN 15033)	Water container approx. 24 min, heater + water container approx. 80 min	
	Water capacity	10 l	
	Maximum pressure when using a pressure pump for water	Max. 2.8 bar	
	System pressure	Max. 4.5 bar	
Operating systems		iNet X Truma iNet ready Truma CP plus	

Weight		Combi D 4	Combi D 4 E	Combi D 6	Combi D 6 E
	Weight without water and without peripherals [2]	14.8 kg	15.6 kg	14.8 kg	15.6 kg
	Weight without water and with peripherals [2]	16.0 kg	16.8 kg	16.0 kg	16.8 kg

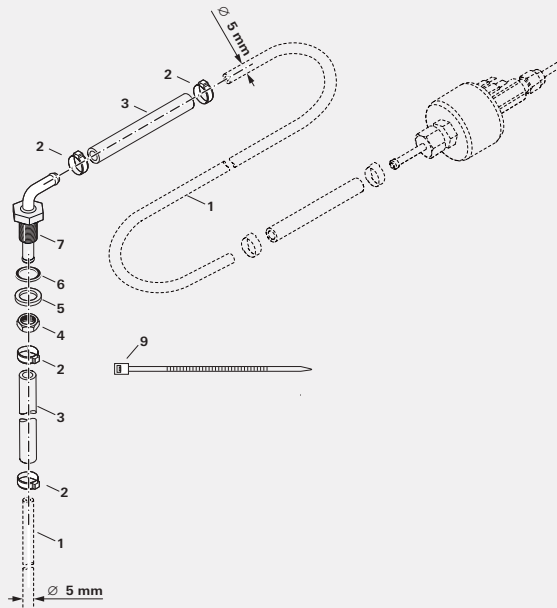[1]   Truma diesel heaters (Combi D and Combi D next generation) are approved for operation with HVO (XTL) according to EN 15940 in pure form (e.g. HVO100, i.e. 100 % hydrogenated vegetable oil), as well as their mixtures with pure fossil diesel fuel and B7.

[2]   Control panel, FrostControl, diesel pump and support, hoses, cables, fastening material

* Minimum installation dimensions in mm
(please ensure there is sufficient space for installation and service)

Tank connection kits for Combi D (E) next generation

Installation example

Tank connection kit 01 Universal

2 x   Adapter Di 5 / L 50 mm NBR, (No. 3)
4 x   One-ear clamp 9.8–12.3 mm / B 7 mm (No. 2)
1 x   Tank connection 01 (No. 7)
1 x   Flat gasket Da 13 x Di 8 x 2 mm, NBR (No. 6)
1 x   Hex nut ISO 8675 M8x1-A2-035-SW13 (No. 4)
1 x   Washer ISO 7089 8.4-A2-200HV-8 (No. 5)
3 x   Cable ties 102 x 2.5 mm (No. 9)

Various vehicle-specific Truma tank connection kits are available in order to simplify connection of the **Combi D next generation** to the diesel tank.

Detailed installation instructions are included in the scope of delivery.

Assignment based on vehicle type (subject to changes and additions)

Vehicle manufacturer	Model	Tank size in liters	Fuel level sensor without preset fuel withdrawal	Fuel level sensor with preset fuel withdrawal		Preset fuel withdrawal is assigned, e.g. for auxiliary heater
				with SAE connector	without SAE connector	
Fiat Automobil AG Citroen Peugeot	Ducato 250 [1] Jumper [1] Boxer [1]	90 (up to Euro 5)	TAS 01 / 09	– [4]	TAS 03	TAS 10 [3]
		90 (from Euro 5)	TAS 01 / 09 / 11	– [4]	TAS 03	TAS 10 [3]
		120	TAS 01 / 11	– [4]	TAS 03	TAS 10 [3]
Iveco Magirus AG	Daily (from 2007, identical with Euro chassis)	–	TAS 01	– [4]	TAS 03	TAS 06
Renault	Master up to 04/2010	–	TAS 01 / 09 [2]	–	TAS 03	TAS 10 [3]
	Master from 05/2010	80 / 100	TAS 06 [6]	–		TAS 10 [3]
	Traffic from 2014	–	TAS 06 [6]	–		TAS 10 [3]
Ford-Werke GmbH	Transit	80	–	TAS 05 [5]		TAS 06
Mercedes Benz	Sprinter 906 / 907 [2]	75	TAS 01 [2]	TAS 05 [2]		TAS 06
		100	TAS 01 [2]	TAS 05 [2]		TAS 06
Volkswagen	Crafter up to 2016 [2]	75	TAS 01 [2]	TAS 07 [2]		TAS 06
		100	–	TAS 07 [2]		TAS 06
	Crafter from 2017 [2]	63 / 75	TAS 01 [2]	TAS 07 [2]		TAS 10 [3]
	T5	–	TAS 01 [2]	TAS 07 [2]		TAS 06
	T6	–	TAS 01 [2]	TAS 07 [2]		TAS 06
MAN	TGE	–	TAS 01 [2]	TAS 07 [2]		TAS 06

(1) From Euro chassis
(2) The vehicle tank may need to be lowered when installing the tank connection kit
(3) For connection with fuel lines installed on the vehicle side Ø 5 x 1.5 mm
(4) Direct connection of the Truma fuel line at SAE connector direct connection installed on vehicle side
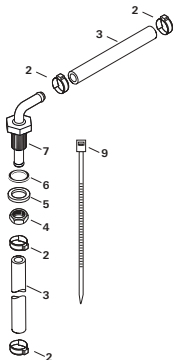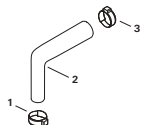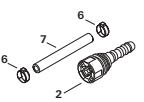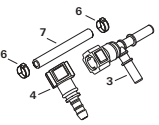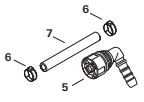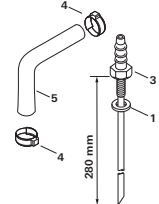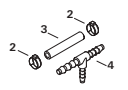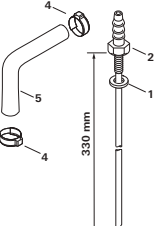(5) If the "Camper package" option has been selected on vehicle side (from August 2009)
(6) Approval for installation in the vehicle's return line only applies for referenced chassis.
Installation of the tank connection kit into the return line of the chassis must be carried out in accordance with the Renault installation guidelines.

truma

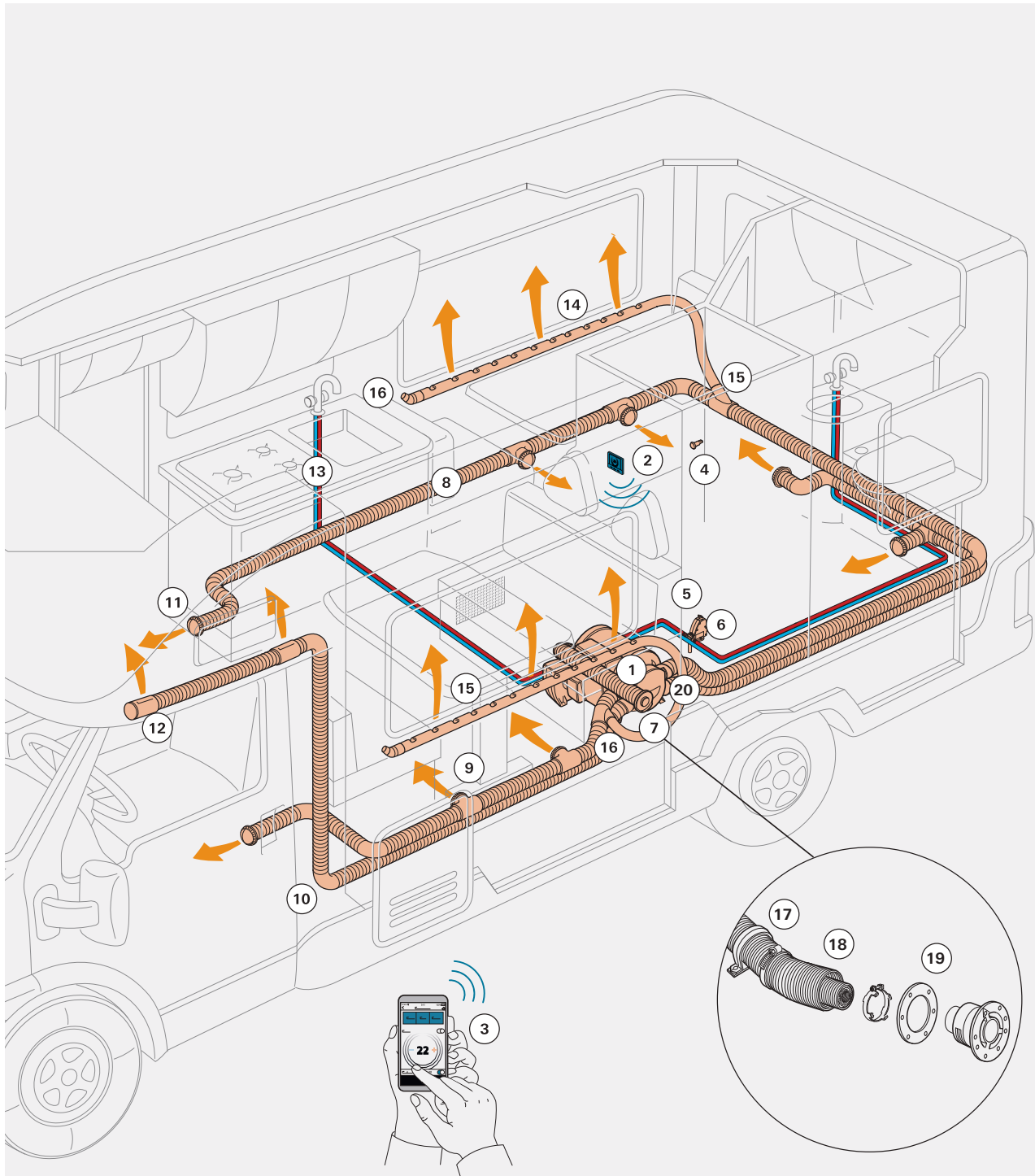# Tank connection kits for Combi D (E) next generation

Product	Part No.	Description
	34601-01	**Tank connection kit 01 Universal* (TAS 01)** 4 x One-ear clamp 9.8–12.3 mm / B 7 mm (No. 2) 2 x Adapter Di 5 / L 50 mm NBR, (No. 3) 1 x Hex nut ISO 8675 M8x1-A2-035-SW13 (No. 4) 1 x Washer ISO 7089 8.4-A2-200HV-8 (No. 5) 1 x Flat gasket Da 13 x Di 8 x 2 mm, NBR (No. 6) 1 x Tank connection 01 (No. 7) 3 x Cable ties 102 x 2.5 mm (No. 9)
	34601-03	**Tank connection kit 03 (TAS 03)** 1 x One-ear clamp 9.8–12.3 mm / B 7 mm (No. 1) 1 x Adapter elbow Di 3.5/5 mm NBR (No. 2) 1 x One-ear clamp 8-9.5 mm / B 7.4 mm (No. 3)
	34601-05	**Tank connection kit 05 (TAS 05)** 1 x SAE Connector 7.89 x 5.5 180° (No. 2) 2 x One-ear clamp 9.8–12.3 mm / B 7 mm (No. 6) 1 x Adapter Di 5 / L 50 mm NBR, (No. 7)
	34601-06	**Tank connection kit 06 (TAS 06)** 1 x SAE connector 7.89 x 7.89 x 7.89 T-piece (No. 3) 1 x SAE connector 7.89 x 5.5 180° (No. 4) 2 x One-ear clamp 9.8–12.3 mm / B 7 mm (No. 6) 1 x Adapter Di 5 / L 50 mm NBR, (No. 7)
	34601-07	**Tank connection kit 07 (TAS 07)** 1 x SAE connector 7.89 x 5.5 90° (No. 5) 2 x One-ear clamp 9.8–12.3 mm / B 7 mm (No. 6) 1 x Adapter Di 5 / L 50 mm NBR, (No. 7)
	34601-09	**Tank connection kit 09** (TAS 09)** 1 x Sampling lance seal (No. 1) 1 x Sampling lance, complete 280 (No. 3) 2 x One-ear clamp 9.8–12.3 mm (No. 4) 1 x Fuel hose elbow Di 5 mm, NBR (No. 5)
	34601-10	**Tank connection kit 10 (TAS 10)** 6 x One-ear clamp 9.8–12.3 mm / B 7 mm (No. 2) 3 x Adapter Di 5 / L 50 mm NBR, (No. 3) 1 x T-piece TB 5 x 5 x 5 mm, POM (No. 4)
	34601-11	**Tank connection kit 11** (TAS 11)** 1 x Sampling lance seal (No. 1) 1 x Sampling lance, complete 330 (No. 2) 2 x One-ear clamp 9.8–12.3 mm (No. 4) 1 x Fuel hose elbow Di 5 mm, NBR (No. 5)

* The fuel level sensor needs to be removed for the installation

**The fuel level sensor does not need to be removed for the installation

Combi (E) and Combi D (E) installation examples

1. Combi (E) / Combi D (E)
2. Truma iNet X Panel
3. Truma iNet X App
4. iNet X room temperature sensor
5. FrostControl
6. FrostControl heating element
7. Combi (E) / Combi D (E) wall cowl

8. Duct ÜR Ø 65 mm
9. T-pipe LT / end outlet EN, agate grey
10. Elbow BGC, black
11. End outlet nut EM / end outlet EN
12. Wall outlet vent WL
13. Water hose, suitable for drinking water

14. Duct IR, Ø 35 mm, without holes
15. Branch AB35, agate grey
16. Corner air outlet EC
17. Clamp ZRS, Ø 80 mm
18. Duct kit Combi D
19. ZR 80 cowl inner part
20. Cowl outer part ZR 80

truma

Accessories: Combi (E)

Product	Part No.	Description
	36240-01	**Wall cowl kit ZR 80** complete with cowl inner part, 1.1 m exhaust duct, 1 m air supply duct, and clamps (without cowl outer part)
	36140-01	**ZR 80 cowl inner part** complete with clamps (without cowl outer part and ducts)
	36151-01 36151-05 36151-08 36151-09 36151-10	**Cowl outer part ZR 80, cream** **Cowl outer part ZR 80, bianco** **Cowl outer part ZR 80, light grey** **Cowl outer part ZR 80, black** **Cowl outer part ZR 80, anthracite**
	34122-01	**Roof cowl kit CD** complete with 3 m exhaust duct AA 3, 3 m supply duct ZR 80, and clamps
	34051-01	**Roof cowl DKC 2, cream white**
	39320-00	**Exhaust duct AA 3, Ø 55 mm** (per meter)
	39580-00	**Air supply duct ZR 80, Ø 80 mm** (per meter)
	39590-00	**Clamp ZRS, Ø 80 mm**
	34070-01	**Cowl extension KVC** 30 cm
	34080-01	**Cowl lead-through SDDF, cream** for caravan protective roofs

Accessories: Combi D (E)
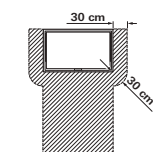**next generation**

Product	Part No.	Description
		Combi D duct kit complete with exhaust gas sound muffler 600 and air supply duct Ø 80 mm for the next generation Combi D. If the duct kit has to be shortened, the 35 mm lock washer tool is needed to install the replacement lock washer—see **Page 105**
	34502-01	**Combi D duct kit, 0.6 m**
	34502-02	**Combi D duct kit, 0.7 m**
	34502-03	**Combi D duct kit, 1.0 m**
	34502-04	**Combi D duct kit, 1.5 m**
	34020-45200	**Lock washer**
	34020- 01315	**Fuel line 5 x 1.5 mm** for Combi D next generation (per meter)

> ℹ️ **Note:** By using the fuel line listed above and the components included in the scope of the appliance, it is possible to connect a Fiat Ducato type vehicle with the preset tank connection with SAE connector without any further adjustments being needed. Various vehicle-specific tank connection kits are available for other vehicle types. Detailed information can be found from **Page 20** onward

Product	Part No.	Description
	36140-01	**Cowl inner part ZR 80** Cowl inner part ZR 80 with clamps (without cowl outer part ZR 80)
	36151-09 36151-10	**Cowl outer part ZR 80, black** **Cowl outer part ZR 80, anthracite**

> ℹ️ **Note:** These two color variations of the heat-resistant cowl outer parts ZR 80 are recommended for Combi D (E).

truma

General accessories for Combi (E) / Combi D (E)
next generation

| Product	Part No.	Description
	(i)	**Note:** For all information about our Truma iNet X Panel operating systems, as well as other accessories, see **Page 7** onward
	34020-01669	**New** **Wall cowl conversion kit Combi D (E)** Conversion from Combi D to Combi D next generation. The old cowl cutout in the side wall can continue to be used with this kit. **Scope of delivery:** Adapter wall cowl Combi D (E), pre-assembled, cowl outer part, screws accessory pack, exhaust duct clamps, hose clamps
	34092-01	**Elbow BGC, black** for direct connection to the warm air connectors (outlet for Ø 65 mm or Ø 72 mm ducts)
	34310-01	**Blank cover CB, black** for closing a warm air outlet on Combi 4 (E) or Combi 6 (E)
	70070-01	**FrostControl heating element** with 1.5 m cable, for faster filling of the water container, independently of the room temperature
	47000-00140	**iNet X room temperature sensor** Alternative temperature sensor (e.g., FFC2) for direct connection to the control panel Truma iNet X Panel.
	34030-34700	**Window switch** universal for all common caravan hinged windows for connection to the automatic shut-off device of the heater
	34020-01581	**New** **Window switch, narrow, cpl.**
	(i)	**Note:** The window switch is also required for automatic switching off of the appliance if the cowl has been installed under a window that can be opened or up to 30 cm away from it (conforms to EN 1949).

(i) **Note:** For water supply accessories, see **Page 50** onward

Installation overview: Truma S heaters
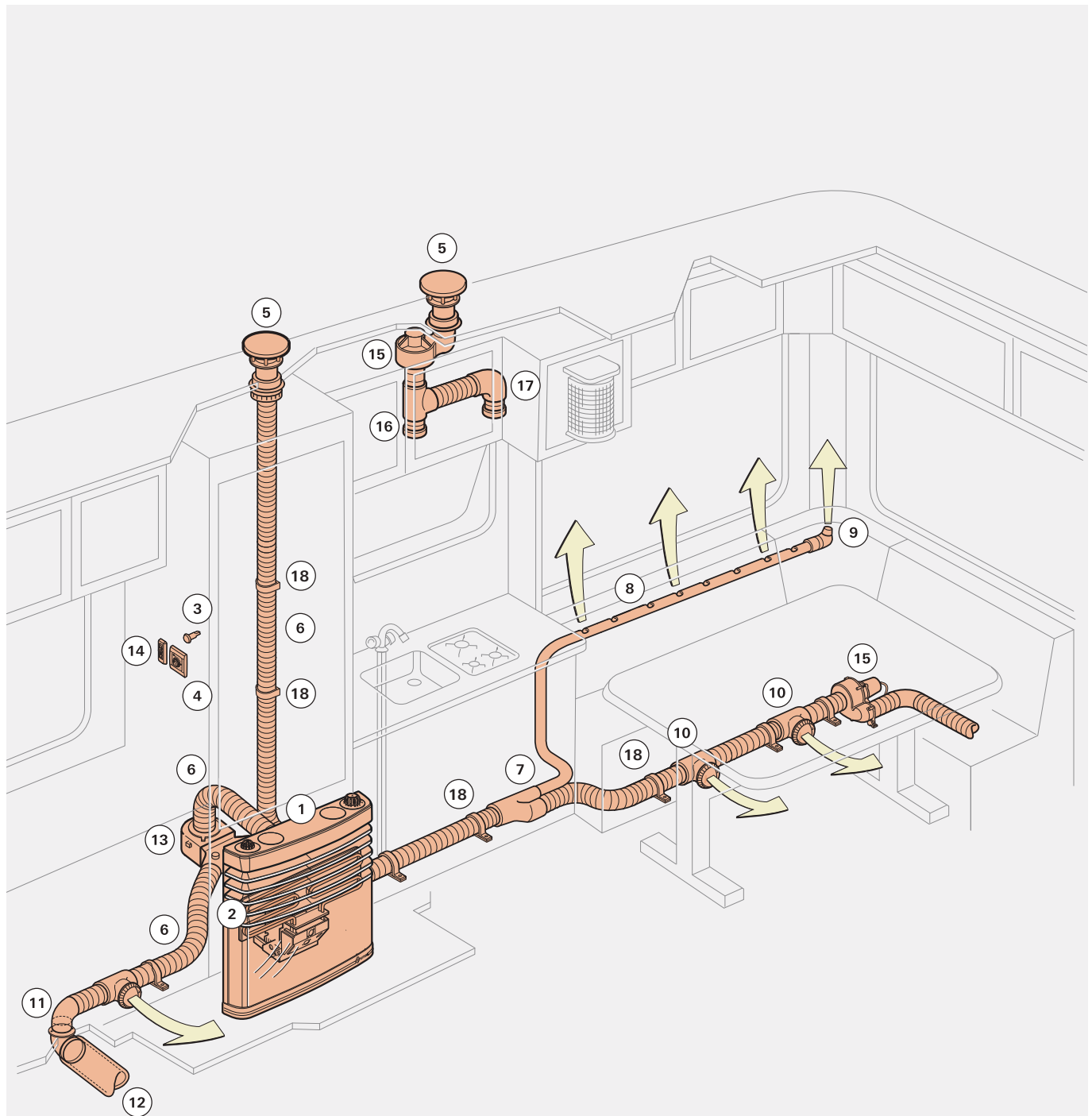
1. Truma S heater
2. Ultraheat additional electric heater
3. Room temperature sensor FFC 2 for Ultraheat
4. Control panel
5. Roof cowl AK 3, Ø 60 mm
6. Duct ÜR, Ø 65 mm
7. Branch AB35, agate grey
8. Duct IR, Ø 35 mm, without holes
9. Corner air outlet EC
10. T-pipe LT / end outlet EN, agate grey
11. Insulating elbow, black
12. Duct IDR, Ø 75 mm, 2 m
13. Airmix comfort kit
14. Control unit AXK, complete
15. Multivent fan TBM
16. T-piece TS, agate grey
17. Elbow BG, black
18. Clamp ÜS 5, grey, Ø 72 – 75 mm

truma

Truma S 5004

Product	Part No.	Description

CE UK CA

Figure:
Heater with cover

31571-01

Truma S 5004
Liquid gas heater 30 mbar,
without cover, for use in caravans

Technical data:
- **Rated heat output**: 6000 W (propane / butane)
- **Gas consumption**: 60 – 480 g/h (propane / butane)
- **Weight**: 17.5 kg
- **Product ID number**: CE-0085CM0288

Scope of delivery:
with auto ignitor, thermostat, and with installation box for 1 fan

31571-21

Truma S 5004 for 2 fans
Liquid gas heater 30 mbar,
without cover, for use in caravans

Technical data:
see above

Scope of delivery:
with auto ignitor, thermostat, and with special installation box for 2 fans

---

ⓘ **Note:** Cover not included. Please order separately.
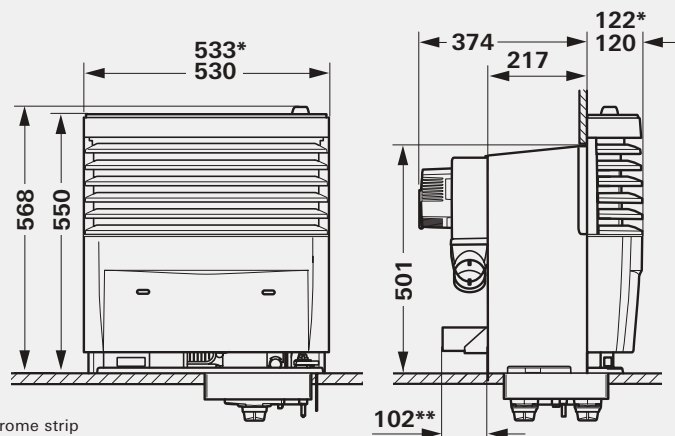S heaters may be operated only with an original Truma cover

---

30430-01

S 5004 cover, titanium grey
(only in combination with Truma S 5004)

Scope of delivery:
Gas control panel, front cover, top cover

Truma S 5004

533*
530

568
550

374
217

122*
120

501

102**

All dimensions in mm
* Dimensions with decorative chrome strip
** Additional space required for Ultraheat (optional)

Accessories for Truma S 5004

Product	Part No.	Description
	30090-71000	**Cover kit S 5004** for installing the new Truma S 5004 in an existing furniture cut-out of the previous model Trumatic S 5002 **Scope of delivery:** Wall and floor cover, including screws

Exhaust gas system

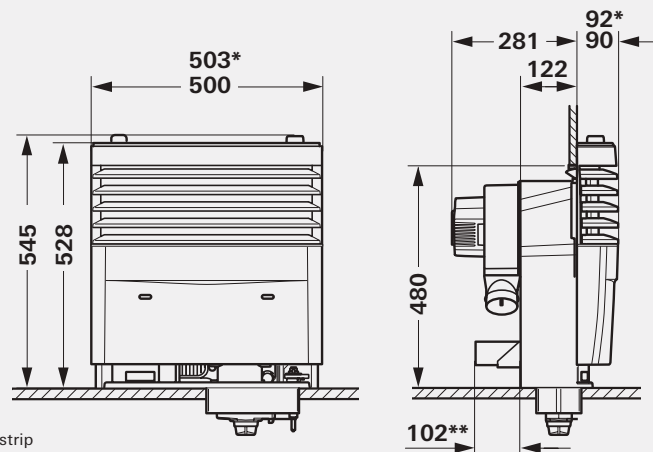| Product	Part No.	Description
	30350-00	**Roof cowl kit S 5004 / S 5002** for Truma S 5004 and Trumatic S 5002 **Scope of delivery:** Roof cowl AKL 5, Ø 70 mm, 2.5 m exhaust duct, 2 m insulating duct, and 3 clamps
	30651-01	**Roof cowl AKL 5, Ø 70 mm** for Truma S 5004, Trumatic S 5002, for roof thicknesses up to 12 cm
	30160-00	**Exhaust duct AE 5, Ø 65 mm** (per meter), for Truma S 5004 and Trumatic S 5002
	40250-00	**Duct ÜR 5, Ø 75 mm** (per meter), for Truma S 5004 and Trumatic S 5002
	40261-01	**Clamp ÜS 5, grey, Ø 72 – 75 mm** for fixing the insulating duct "duct ÜR 5, Ø 75 mm" on the vehicle wall for Truma S 5004 and Trumatic S 5002

Truma

Truma S 3004

Product	Part No.	Description
	31381-01	**Truma S 3004** Liquid gas heater 30 mbar, **without cover,** for use in <u>caravans and motor homes</u> **Technical data:** · **Rated heat output**: 3500 W · **Gas consumption**: 30 – 280 g/h · **Weight**: 10.3 kg · **Product ID number**: CE-0085CM0287 **Scope of delivery:** with auto ignitor, thermostat, and installation box

Figure:
Heater with cover

ⓘ **Note:** Cover not included. Please order separately.
S heaters may be operated only with an original Truma cover

Product	Part No.	Description
	30420-01	**Cover S 3004, titanium grey** (only in combination with Truma S 3004) **Scope of delivery:** Gas control panel, front cover, top cover

Truma S 3004

503*
500
545
528
92*
90
281
122
480
102**

All dimensions in mm

* Dimensions with decorative chrome strip

** Additional space required for Ultraheat (optional)

Accessories for Truma S 3004

Product	Part No.	Description
	30580-01	**Auto ignitor retrofit kit** for the Truma S 3004 P heater without remote ignition indicator

Exhaust gas system

Product	Part No.	Description
	30330-00	**Roof cowl kit S 3002 / 3004** for Trumatic S 3002 and Truma S 3004 **Scope of delivery:** roof cowl AK 3, Ø 60 mm, 2.5 m exhaust duct, 2 m insulating duct, 3x clamps
	30630-01	**Roof cowl AK 3, Ø 60 mm** for Truma S 3004 (P), Truma S 2200, and Trumatic S 3002 (P)
	30630-03	**Roof cowl AKL, Ø 60 mm** Special version for roof thicknesses from 5 cm to 12 cm, for Truma S 3004 (P), Truma S 2200 (P), Truma S 2200, and Trumatic S 3002 (P)
	30630-02	**Roof cowl AKR** for extractor fan, with rain cover
	30140-00	**Exhaust duct AE 3, Ø 55 mm** (per meter) for Truma S 3004 (P), Trumatic S 3002 (P), and Truma S 2200 (P)
	40230-00	**Duct ÜR, Ø 65 mm** (per meter), as insulating duct for Truma S 3004 (P), Truma S 2200, Trumatic S 3002 (P), and Truma S 2200 (P)

Accessories for Truma S 5004 / S 3004

Product	Part No.	Description
	30090-98200	**Remote ignition indicator** for retrofitting in the cover of Truma S 5004 / S 3004 heaters **Scope of delivery:** Remote ignition indicator with 0.75 m cable

Exhaust gas system

Product	Part No.	Description
	30610-00	**Cowl extension SKD** 45 cm, with cowl roof KD. For caravans with special fittings and for locations with extreme wind conditions
	30010-20900	**Cowl roof KD**
	30690-00	**Cowl extension SKV** 45 cm
	30090-00076	**Cowl extension AKV** 15 cm
	30630-04	**Cowl lead-through UEK** for caravan protective roofs
	30700-02	**Cowl top T-2**
	30700-03	**Cowl top T-3** essential for motor homes

ⓘ Cowl top for operating the heater while driving (not for the Truma S 55 T heater)

Ultraheat

Additional electric heater

Product	Part No.	Description
	30403-02	**Ultraheat** Additional electric heater Suitable for Truma S 3004 / S 5004 heaters **Technical data:** • **Power consumption at operating level**: 500 W: 2.2 A / 1000 W: 4.5 A / 2000 W: 8.5 A • **Power supply**: 230 V ~ 50 Hz • **Weight**: 2 kg **Scope of delivery:** Including room temperature sensor, control panel, and 5 m cable.

CE UK CA

ⓘ   **Note:** Not permissible for Trumatic S 3002 / S 5002 and S heaters prior to year of construction 2012

Accessories

Ultraheat

Product	Part No.	Description
	34300-01	**Extension cable for control panel, 5 m** For more control panel accessories, see **Page 11**
	34203-01	**Room temperature sensor FFC 2** monitors the room temperature independently of the control panel's positioning **Scope of delivery:** Room temperature sensor, 4 m cable, adapter cable

Fans

Product	Part No.	Description

	41251-01	**Fan TN-3, 230 V, external control panel**
		for Truma S 5004 / S 3004
		Connection for duct ÜR Ø 65 mm or VR Ø 72 mm
		(straight coupling **Page 43**)
		
		Technical data:
		• **Power consumption**: Ø 0.3 A (0.2 – 0.5 A)**
		• **Air flow rate**: 170 m^3/h
		  (free-blowing without warm air duct)**
		• **Air flow rate**:
		  Duct ÜR: Ø 65 mm – 137 m^3/h**
		  Duct VR: Ø 72 mm – 154 m^3/h**
		  (2 x 3 m warm air duct uninsulated)
		• **Weight**: 1.7 kg
		
		Scope of delivery:
		Fan TN-3, external control panel, cable 1.5 m

CE UK CA

**   Up to 5 % more powerful compared with TN-2 in long, insulated warm air systems

truma

Fan TEB-3, 12 V, control unit integrated
41240-01 — for Truma S 5004 / S 3004 for installing in the heater cover, with automatic speed control, connection for duct ÜR Ø 65 mm or VR Ø 72 m (straight coupling **Page 43**)

Technical data:
- **Power consumption**: Ø 0.7 A (0.2 – 1.2 A)*
- **Air flow rate**: 149 m^3/h (free-blowing without warm air duct)*
- **Air flow rate**:
  Duct ÜR: Ø 65 mm – 104 m^3/h*
  Duct VR: Ø 72 mm – 122 m^3/h*
  (2 x 3 m warm air duct uninsulated)
- **Weight**: 1.1 kg

Scope of delivery:
Fan TEB-3, integrated control panel

Fan TEB-3, 12 V, external control panel
41241-02 — for Truma S 5004 / S 3004
With automatic speed control, connection for duct ÜR Ø 65 mm or VR Ø 72 mm (straight coupling **Page 43**)

Technical data:
see above

Scope of delivery:
Fan TEB-3, external control panel, cable 1.5 m

> **Note: Multivent fan TBM** can be found on **Page 34**, accessories for external control panels on **Page 11**

Accessories
Fans

30090-98700 — **TEB/TN adapter plate**
for installing new fans on old S heaters and for installing old fans on new S heaters

---

40622-01 — **Airmix comfort kit**
for all Truma and Trumavent fans from construction year 05/96 except Multivent

Not for motor homes or for heaters with an underfloor exhaust gas system.

---

* Up to 20 % more powerful compared with TEB-2 in long, insulated warm air systems
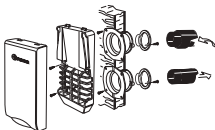
Truma S 2200

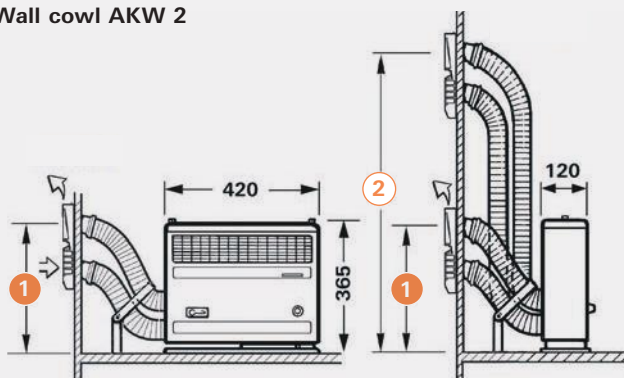| Product	Part No.	Description
	31110-10	**Truma S 2200, titanium grey, right** Liquid gas heater, for use in caravans, 30 mbar **Operating button on the right and exhaust duct connection on the left (without cowl kit)** **Technical data:** See below **Scope of delivery:** Truma S 2200, auto ignitor
	31110-11	**Truma S 2200, titanium grey, left** Liquid gas heater, for use in caravans, 30 mbar **Operating button on the left and exhaust duct connection on the right (without cowl kit)** **Technical data:** • **Rated heat output**: 1850 W • **Gas consumption**: 50 – 170 g/h • **Weight**: 6.7 kg • **Product ID number**: CE-0085AP0324 **Scope of delivery:** Truma S 2200, auto ignitor
	30190-02	**S 2200 rear wall, titanium grey, right** for Truma S 2200, for free-standing installation with operating button on the right and exhaust duct connection on the left
	30190-03	**S 2200 rear wall, titanium grey, left** for Truma S 2200, for free-standing installation with operating button on the left and exhaust duct connection on the right
	30170-03	**S 2200 installation box, titanium grey** for Truma S 2200, for integrated installation in the wardrobe, exhaust duct connection on the right or left
	41142-01	**Multivent fan TBM, 12 V** Universal fan, to increase air throughput in existing warm air systems and as an extractor fan in the kitchen or toilet. **Technical data:** • **Dimensions**: 150 x 130 x 124 mm (L x W x H) • **Air flow rate**: Half setting: 29 m^3/h, Full setting: 60 m^3/h • **Power consumption**: Half setting: 0.23 A Full setting: 0.5 A **Scope of delivery:** Multivent fan TBM, control panel

Accessories: Truma S 2200

Exhaust gas system

Product	Part No.	Description
	30321-01	**Wall cowl kit S 2200** (for duct lengths of up to 50 cm complete with 1 m exhaust duct AE 3, 0.5 m duct ÜR, and cowl cover)
	30261-01	**Wall cowl AKW 2** for the Truma S 2200 (without cover and without ducts)
	70122-01	**Cowl cover KBS 3, pure white** for wall cowl AKW 2
	30320-03	**S 2200 roof cowl kit** (cowl AK 3, 2.5 m exhaust duct, 2 m insulating duct (duct ÜR), 3 clamps and air intake connection)
	30290-00	**Roof cowl kit AKD** for Truma S 2200 (exhaust cowl AK 3 and air intake duct, without ducts)
	30280-00	**Double duct support** for exhaust and combustion air infeed through the side wall, **mandatory for duct lengths 75 cm and 120 cm!** (further cowl accessories can be found on **Page 31**)

> ⓘ **Note:** The warm air distribution is individually configured. The TEB-3 and TN-3 fans (mounting directly on the installation box) and the Multivent fan are suitable.

Wall cowl AKW 2

Roof cowl kit AKD

Installation options

	①	②
Duct lengths of cowl	400 to 750	750 to 1200
Minimum height of exhaust shaft	330	660

Dimensions in mm

Installation overview: Truma VarioHeat and Truma E-Kit

1. Truma VarioHeat
2. Truma CP plus control panel
3. Remote sensor FF 2
4. Multiple box MSD
5. Truma E-Kit

6. Cowl outer part WK
7. Duct VR 80, Ø 80 mm
8. T-piece 80, black
9. Swivel air outlet SCW 2
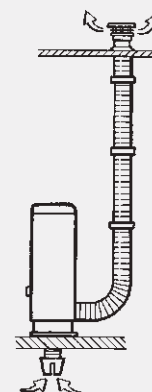
truma

Truma VarioHeat and Truma E-Kit

Product	Part No.	Description
	37501-01	**Truma VarioHeat comfort CP plus** liquid gas heater **Technical data:** Table **Page 38** **Scope of delivery:** Truma VarioHeat comfort CP plus, cable length 6 m, room temperature sensor, mounting bracket, and accessories for the electrical connection
	37401-01	**Truma VarioHeat eco CP plus** liquid gas heater **Technical data:** Table **Page 38** **Scope of delivery:** Truma VarioHeat eco CP plus, cable length 6 m, room temperature sensor, mounting bracket, and accessories for the electrical connection
	39200-01	**Truma E-Kit** for additional installation, additional electric heater for Truma VarioHeat. **Technical data:** • **Rated heat output**: 900 – 1800 W (level 1 – 2) • **Power consumption**: 12 V: approx. 0.15 A 230 V: 3.9 A – 7.8 A (level 1 – 2) • **Weight**: 2.2 kg **Scope of delivery:** Truma E-Kit, with mounting bracket and connection cables

> (i) **Note:** The Truma E-Kit is only approved for Truma VarioHeat. It must not be used while driving.

Technical data

	Truma VarioHeat eco		Truma VarioHeat comfort	
Rated heat output	Level 1	1300 W	Level 1	1300 W
	Level 2	2800 W	Level 2	2800 W
			Level 3	3700 W
Air flow rate	Level 1	75 m³/h	Level 1	75 m³/h
	Level 2	155 m³/h	Level 2	155 m³/h
			Level 3	290 m³/h
Gas consumption (propane / butane)	Level 1	100 g/h	Level 1	100 g/h
	Level 2	220 g/h	Level 2	220 g/h
			Level 3	290 g/h
Power consumption (12 V)	Level 1	0.65 A	Level 1	0.65 A
	Level 2	2.75 A	Level 2	2.75 A
			Level 3	5.4 A
Standby current Truma VarioHeat **with** Truma CP plus		0.004 A		
Operating systems				
Weight Truma VarioHeat **without** peripherals		5.5 kg		

Operating systems:
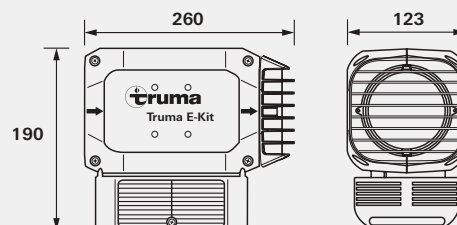Truma iNet ready
Truma CP plus

Truma VarioHeat eco / comfort
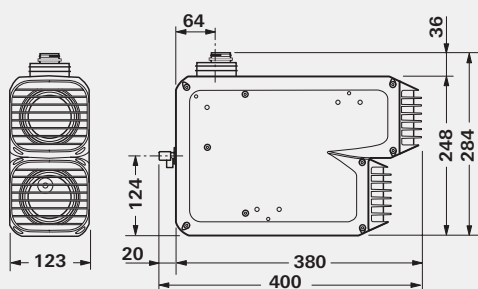
Truma E-Kit

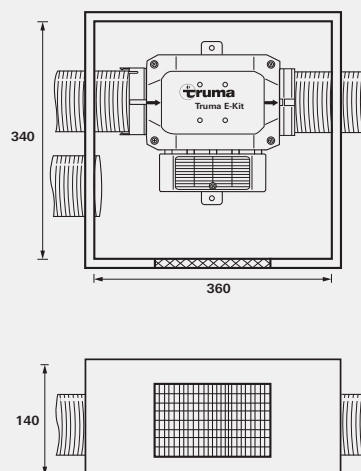### Minimum installation space in mm for Truma VarioHeat eco / comfort

Minimum installation space in mm for Truma E-Kit

Accessories: Truma VarioHeat

Exhaust gas system

Product	Part No.	Description
	39190-04	**Wall cowl kit WK 24** complete with cowl inner part, 1 m exhaust duct, 1 m air supply duct and clamps (without cowl outer part), for vehicle wall thicknesses **up to 20 mm**
	39150-04	**WK 24 cowl inner part** complete with seal and clamps (without ducts and cowl outer part) for vehicle wall thicknesses **up to 20 mm**
	39190-05	**Wall cowl kit WK 64** complete with cowl inner part, 1 m exhaust duct, 1 m air supply duct and clamps (without cowl outer part), for vehicle wall thicknesses **up to 40 mm**
	39150-05	**WK 64 L cowl inner part** complete with seal and clamps (without ducts and cowl outer part) for vehicle wall thicknesses **up to 40 mm**
	39050-00465 39050-00464 39050-00466 39050-00467	**Cowl outer part WK, cream** **Cowl outer part WK, black** **Cowl outer part WK, bianco** **Cowl outer part WK, anthracite**
	39420-00	**Exhaust duct AA 24, Ø 33 mm** (per meter)
	39440-00	**Air supply duct ZR 24, Ø 64 mm** (per meter)
	40241-01	**Clamp ÜS, grey, Ø 65 mm** for fixing the duct ÜR on the vehicle wall for Truma VarioHeat

General accessories for Truma VarioHeat

Accessories: Truma VarioHeat

Warm air distribution

Product	Part No.	Description
	39450-00	**Duct VR 80, Ø 80 mm** Ø 80 mm external, Ø 76 mm internal (per meter)
	39590-00	**Clamp ZRS, Ø 80 mm**
	39550-00	**Duct VR 72, Ø 72 mm** (per meter)
	40261-01	**Clamp ÜS 5, grey, Ø 72 – 75 mm** for attaching the "duct ÜR" to the vehicle wall for Truma VarioHeat
	39630-01	**Duct adapter** for the warm air distributor Ø 80 mm. For connecting to duct VR 80 or elbow BG 80.
	39492-01	**Elbow BG 80, black** for ducts Ø 80 mm
	39611-01	**Y-piece 80, black** inlet Ø 80 mm, outlet 2 x Ø 65 / 72 mm
	39610-01	**Y-piece, black** inlet Ø 65 / 72 mm, outlet 2 x Ø 65 / 72 mm
	39541-01	**T-piece 80, black** inlet Ø 80 mm, outlet 2 x Ø 65 / 72 mm
	39500-01	**Air distributor LR 80, black** inlet Ø 80 mm, outlet 1x Ø 65 / 72 mm and 1 x Ø 49 mm

> **Note:** The warm air distribution is individually configured. You will find more warm air distribution accessories for all Truma heating systems from **Page 41 onwards**

Truma

Accessories for all Truma heating systems

Warm air distribution

Product	Part No.	Description
	40371-01	**Awning warmer, pure white** for directing the warm air from the caravan heater directly into the awning **Scope of delivery:** warm air outlet with throttle, 1 m duct, Ø 65 mm, T-piece TS, and cord-operated duct shut-off SP 2
	40230-00	**Duct ÜR, Ø 65 mm** (per meter)
	40241-01	**Clamp ÜS, grey, Ø 65 mm** for attaching the "duct ÜR" to the vehicle wall
	39550-00	**Duct VR 72, Ø 72 mm** (per meter)
	40261-01	**Clamp ÜS 5, grey, Ø 72 – 75 mm** for fixing the insulating duct "duct ÜR" on the vehicle wall
	39450-00	**Duct VR 80, Ø 80 mm** Ø 80 mm external, Ø 76 mm internal (per meter)
	39570-00	**Duct I 80, Ø 85 mm** (per meter), insulation duct for duct VR 72, e.g. as contact protection for Truma VarioHeat
	39590-00	**Clamp ZRS, Ø 80 mm**
	40681-00	**Duct IDR, Ø 75 mm, 2 m** Insulated air duct, fixed length 2 m
	39170-00	**Air supply duct ZR 18, Ø 49 mm** (per meter)
	39190-00	**Clamp ZRS 18, Ø 49 mm**
	40210-00	**Duct AZR, Ø 22 mm** Branch duct (per meter)

Accessories for all Truma heating systems

Warm air distribution

Product	Part No.	Description
	40220-00	**Clamp AZS, Ø 22 mm**
	40152-02	**T-pipe LT, agate grey** for ducts Ø 65 mm or Ø 72 mm
	40181-01	**End outlet nut EM, agate grey**
		End outlet EN with air throttle, suitable for T-pipe LT, end outlet nut EM and ducts Ø 65 mm
	40171-01	**End outlet EN, agate grey**
	40171-02	**End outlet EN, beige**
	40171-03	**End outlet EN, brown**
	40171-04	**End outlet EN, grey**
	40171-05	**End outlet EN, black**
	40171-06	**End outlet EN, white**
	40171-09	**End outlet EN, olive brown**
		End outlet EN-O without air throttle, for lamellar insert LA
	40171-07	**End outlet EN-O, agate grey**
	40171-29	**End outlet EN-O, olive brown**
	40171-25	**End outlet EN-L, black** for rounded furniture parts and thicker walls up to max. 43 mm
		Lamellar insert LA for attaching onto the end outlet EN-O, air flow direction adjustable by rotating
	40721-01	**Lamellar insert LA, agate grey**
	40721-02	**Lamellar insert LA, beige**
	40721-03	**Lamellar insert LA, brown**
	40721-04	**Lamellar insert LA, grey**
	40721-05	**Lamellar insert LA, black**
	40721-09	**Lamellar insert LA, olive brown**
	40101-02	**Cover BL 30, agate grey** with air vent Ø 30 mm, can be used to slightly reduce the air flow volume
	40101-01	**Cover BL 22, agate grey** with air vent Ø 22 mm, can be used to greatly reduce the air flow volume

Accessories for all Truma heating systems

Warm air distribution

Product	Part No.	Description
		Swivel air outlet SCW 2 as a non-closable air outlet on Truma VarioHeat and Combi (D) for ducts Ø 80 mm, Ø 72 mm, or Ø 65 mm
	39971-01 39971-02 39971-03	**Swivel air outlet SCW 2, black** **Swivel air outlet SCW 2, beige** **Swivel air outlet SCW 2, basalt grey**
	40152-01	**T-piece TS, agate grey** for ducts Ø 65 mm or Ø 72 mm
	34020-24000	**Clips 4 pcs.** for T-piece TS, T-pipe LT, insulating elbow BGI, and Combi for improved holding of various air ducts
	40702-01	**Wall outlet vent WL, agate grey** for ducts Ø 65 mm or Ø 72 mm
	40192-01	**Y-piece, agate grey** for ducts Ø 65 mm or Ø 72 mm
	40740-01	**Elbow BG, black** for ducts Ø 65 mm or Ø 72 mm
	40730-01	**Insulating elbow, black** for ducts Ø 65 mm, insulated elbow for leading air beneath the floor and back again (2 of these are required)
	40121-01	**Cord op. duct shut-off SP, agate grey** for centrally shutting off air conduction for Ø 65 mm or Ø 72 mm ducts
	40121-02	**Cord-operated duct shut-off SP 2, agate grey** for centrally shutting off air conduction for Ø 65 mm or Ø 72 mm ducts. With Bowden cable and a slide control for mounting on a cupboard wall
	40162-01	**Straight coupling, agate grey** for Ø 65 mm or Ø 72 mm ducts
	34020-01438	**Straight coupling kit + grille insert** for warm air duct Ø 65 mm. **Scope of delivery:** 4 x straight coupling including grille insert

Accessories for all Truma heating systems

Warm air distribution—Truma isothermal system

Product	Part No.	Description
	40131-01	**Branch T AT, agate grey** for Ø 65 mm or Ø 72 mm ducts, Ø 22 mm branch with end grommet for duct, e.g. for refrigerator ventilation in the summer
	40391-01	**Duct cover RD, agate grey** for ducts Ø 65 mm or Ø 72 mm
	40353-01	**Blank cover VD, agate grey** for closing shaped parts
	39010-81300	**Reducer RZ, black** for ducts Ø 72 mm to Ø 49 mm
	40381-01	**Reducer RZ35, agate grey** for Ø 65 mm or Ø 72 mm ducts to a Ø 35 mm isotherm duct (duct IR)
	40660-00	**Air intake nozzle DT** Ø 80 mm, for fan connection on Airmix or Truma S 2200
	40670-00	**Air intake nozzle DM** Ø 65 mm, for fan connection on Truma S 2200
	40302-01	**Branch AB35, agate grey** for isothermal system for Ø 65 mm ducts, Ø 35 mm branch
	40320-00	**Duct IR, Ø 35 mm, with holes** isotherm duct (per meter)
	40320-01	**Duct IR, Ø 35 mm, without holes** isotherm duct (per meter)
	40331-01	**Clamp IS, grey, Ø 35 mm** for duct IR, Ø 35 mm
	40311-01	**Corner air outlet, agate grey** for isotherm duct (duct IR) Ø 35 mm

Truma

All products at a glance

Boiler Gas, Boiler Gas/Electric

- **Powerful**: Gas burner heats the water within just a few minutes.
- **Compact**: Ideal for space-saving installation inside the vehicle.
- **Durable**: Corrosion-resistant stainless steel container.

→ **Page 47**

Therme

- **Space-saving**: Compact, lightweight design.
- **Sophisticated design**: Electric heating element to heat water rapidly—even if no heater is in operation.
- **Premium quality**: Due to the use of first-class materials, the quality of the caravan's drinking water is unaffected.

→ **Page 53**

Boiler Gas BGF

- **Variable**: flexible exhaust pipe routing —more freedom in the layout of the vehicle
- **Standardized**: Truma VarioHeat cowl accessories are compatible

→ **Page 47**

Truma FrostControl kit

- **Automatic**: If there is a risk of frost or overpressure, the currentless drain valve opens automatically to empty the boiler.
- **Manual**: The valve can also be opened manually.
- **Versatile**: Suitable for all Truma boilers.

→ **Page 50**

Boiler Electric

- **Convenient**: Always sufficient hot water thanks to the large capacity.
- **Economical**: Very low energy consumption during heating.
- **Quiet**: Especially quiet in operation.

→ **Page 49**

Installation overview: Boiler

1. Boiler Gas BGF
   Boiler Gas and Boiler Gas/Electric
2. Control panel Gas/EL
3. FrostControl
4. Water hose, suitable for drinking water
5. Hose guide
6. Non-return valve
7. Hose clip SC
8. Wall cowl
   (Boiler Gas and Boiler Gas/Electric)
9. Wall cowl
   (Boiler Gas BGF)

Boiler Gas, Boiler Gas/Electric

129
245
261
30
24
168
109
47
383
347
360
92
Water connections
Cowl
Electronics   Gas connection
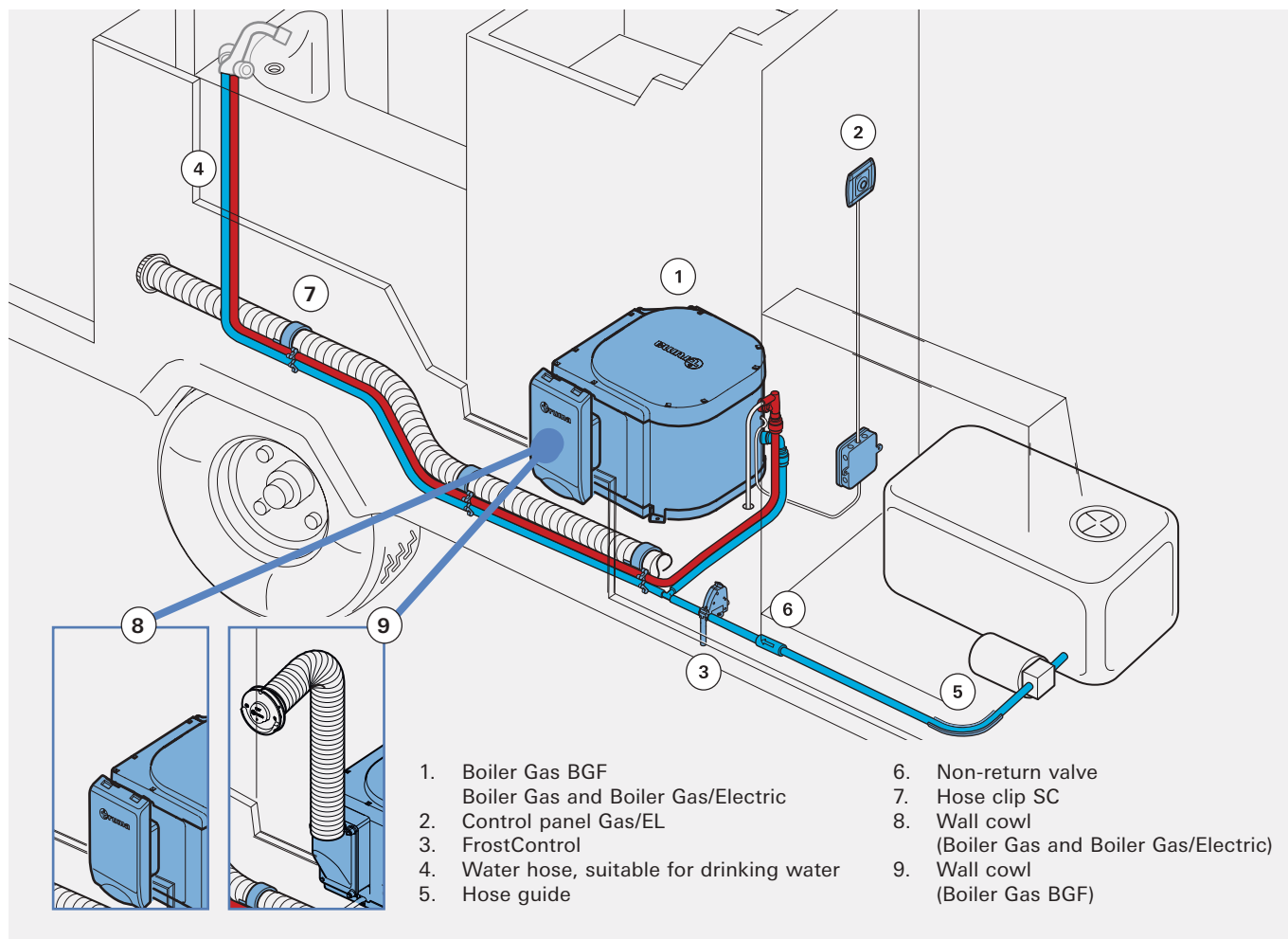
Boiler Gas BGF—Boiler Gas Flexible

261
24
74
454
347
360
Water connections
Cowl
Electronics   Gas connection

All dimensions in mm

truma

Boiler Gas/Electric, Boiler Gas, Boiler Gas BGF

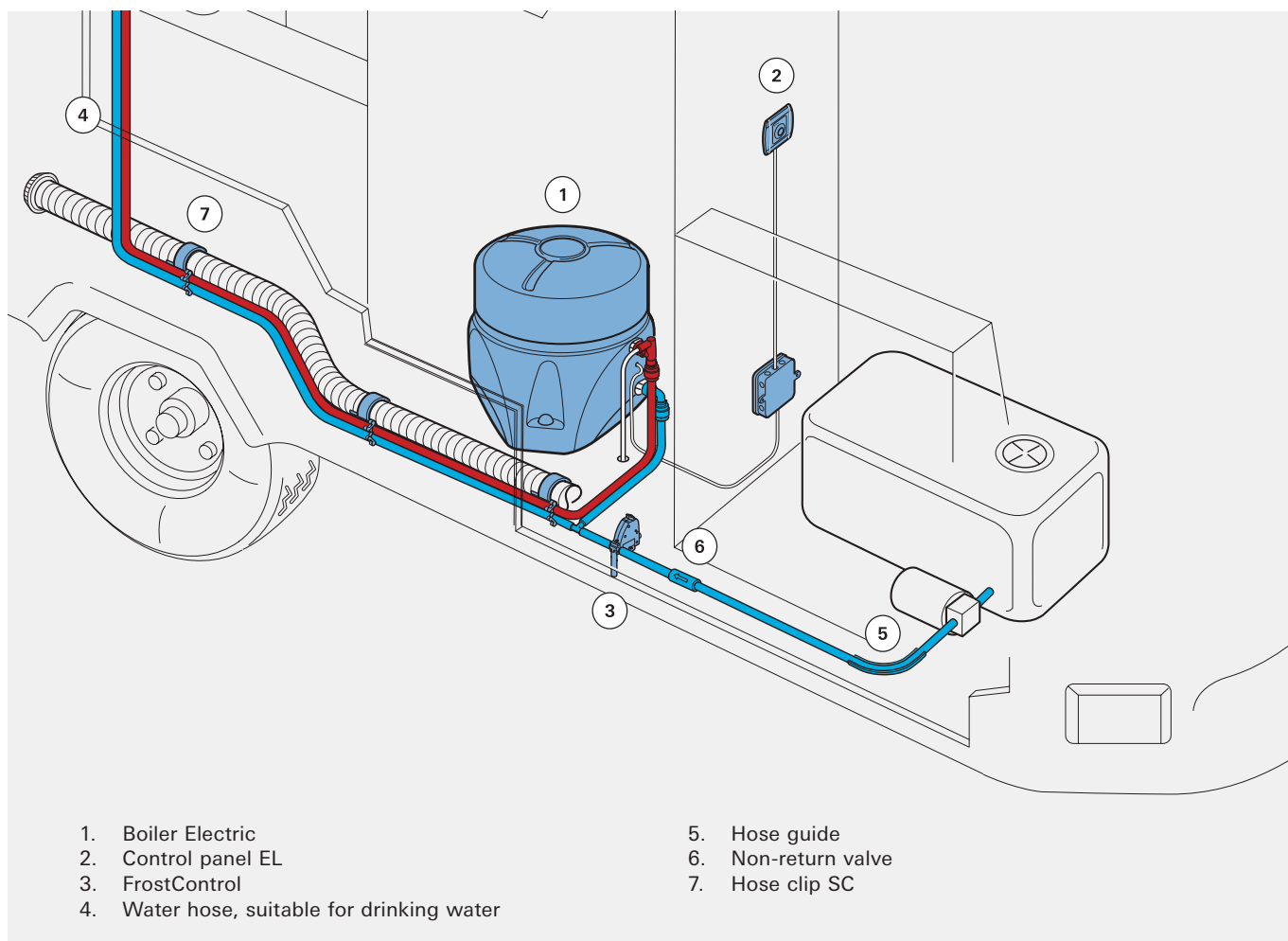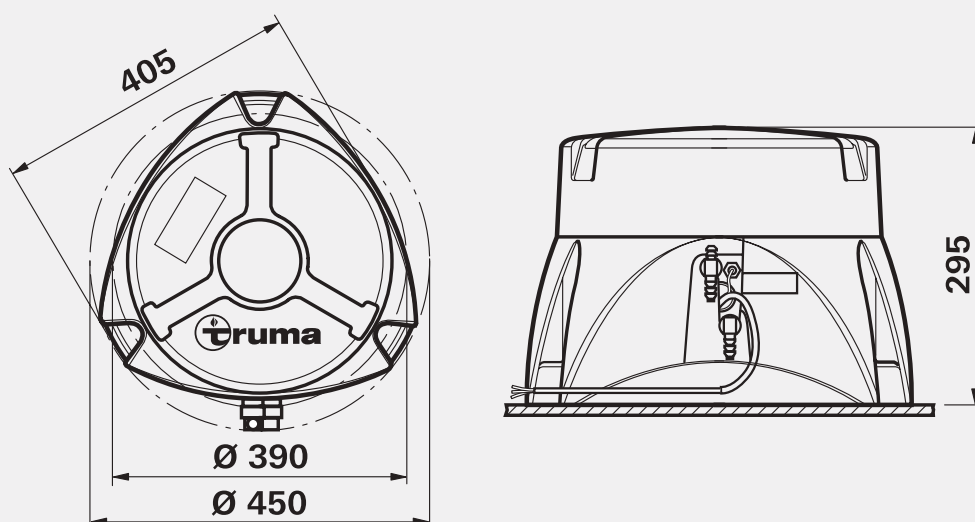| Product	Part No.	Description

	73611-20	**Boiler gas/electric**
		10 liters, 30 mbar, with electric heating element 230 V, 850 W / 1300 W
		
		Technical data:
		• **Capacity**: 10 l
		• **Output of gas burner**: 1500 W
		• **Output of electric heating element**: 850 / 1300 W
		• **Power consumption**
		  12 V: 0.12 A
		  230 V: 3.7 A (850 W), 5.7 A (1300 W)
		• **Dimensions**: 360 x 347 x 261 mm (L x W x H)
		• **Weight**: 7.4 kg
		
		Scope of delivery:
		Boiler Gas/Electric **with cowl cover KBS 3**, control panel gas/EL,
		control panel cable 3 m, wall cowl

	73601-20	**Boiler gas** 10 liters, 30 mbar **Technical data:** • **Capacity**: 10 l • **Output of gas burner**: 1500 W • **Power consumption 12 V**: 0.12 A • **Dimensions**: 360 x 347 x 261 mm (L x W x H) • **Weight**: 6.9 kg **Scope of delivery:** Boiler Gas **with cowl cover KBS 3**, control panel gas, control panel cable 3 m, wall cowl
	73501-20	**Boiler gas BGF** 10 liters, 30 mbar **Technical data:** • **Capacity**: 10 l • **Output of gas burner**: 1500 W • **Power consumption 12 V**: 0.21 A • **Dimensions**: 360 x 347 x 261 mm (L x W x H) • **Weight**: 7.5 kg **Scope of delivery:** Boiler Gas BGF 10, gas control panel, control panel cable 3 m, cutting ring, brass support sleeve for copper pipe, condensate hose, condensate drain kit, and fastening materials

Note: For matching water connection kits, see **Page 50**

Installation overview: Boiler / Boiler Electric

1. Boiler Electric
2. Control panel EL
3. FrostControl
4. Water hose, suitable for drinking water
5. Hose guide
6. Non-return valve
7. Hose clip SC

Boiler Electric

405

Ø 390

Ø 450

295

Boiler Electric

Product	Part No.	Description
	71201-20	**Boiler Electric** Electric heating element 230 V, 850 W **Technical data:** • **Capacity**: 14 l • **Heating time from 15 °C to 70 °C**: 70 min • **Output of electric heating element 230 V**: 850 W Heat loss of just 1 °C per hour • **Power consumption 230 V**: 3.7 A • **Dimensions**: 405 x 405 x 295 mm (L x W x H) • **Space for installation**: Ø: 450 mm / H: 295 mm • **Weight**: 3 kg **Scope of delivery:** Boiler Electric complete, control panel EL, control panel cable 3 m

> ⓘ **Note:** For matching water connection kits, see **Page 50**

	Boiler Gas/Electric	Boiler Gas	Boiler Gas BGF	Boiler Electric
Capacity	10 l	10 l	10 l	14 L
Output of gas burner	1500 W	1500 W	1500 W	-
Gas consumption	120 g/h	120 g/h	120 g/h	-
Output of Electric	850 W – 1300 W	-	-	850 W
Power consumption (230 V)	3.7 A (850 W) 5.7 A (1300 W)	-	-	3.7 A (850 W)
Weight	7.4 kg	6.9 kg	7.5 kg	3 kg
	Heating time for 10 l of water (from approx. 15°C to approx. 70°C)			
Gas	31 min	31 min	31 min	-
Electric	29 min	-	-	70 min
Mixed operation	16 min	-	-	-

Accessories

Water connection kit for Boiler Gas, Boiler Gas/Electric, Boiler Gas BGF and Boiler Electric

Product	Part No.	Description
	70400-01	**Water connection kit ABO TB** The kit comprises the currentless drain valve, the elbow fittings TB for water hoses Ø 10 mm, and a soft, black PVC hose. (TB = fir tree)
	70400-02	**Water connection kit ABO JG** The kit comprises the currentless drain valve, the elbow fittings JG for rigid piping Ø 12 mm, and a soft, transparent PVC hose. (JG= John Guest system)

Accessories

	70141-02	**Drain valve TB 10 / 2.8 bar** for flexible hoses Ø 10 mm
	70142-05	**Drain valve JG 12 / 2.8 bar** with connection Ø 12 mm for rigid piping (John Guest system)
	34020-00237	**FrostControl kit TB** fir tree for flexible hoses Ø 10 mm
	34020-00238	**FrostControl kit JG** (John Guest system)

Note: Drain valve ABO also required in some installation situations.

truma

Product	Part No.	Description
	70000-53500	**Extension cable for control panel, 5 m**
	70131-00	**Cowl extension VBO 2** Length 50 mm (required for wall thicknesses of more than 35 mm, can be used for a maximum of one cowl extension)
	70122-01	**Cowl cover KBS 3, pure white** for boiler, built from 07/2006 onwards
		Cowl kit, complete with cowl cover, cowl grille, and base plate
	70300-02 70300-03	**Cowl kit, pure white** **Cowl kit, bianco**
	70020-00800	**Boiler automatic shut-off device** The window switch is also required for automatic switching off of the appliance if the cowl has been installed under a window that can be opened or up to 30 cm away from it (conforms to EN 1949). **Page 25**

Water supply

Product	Part No.	Description
	40712-01	**Hose clip SC, agate gray** for frost-protected installation of up to two water hoses or pipes (John Guest system) on the warm air distribution ducts (not on the first 2 m of the warm air duct, measured from the heater)
	70020-55800	**Hose guide** for kink-free routing of flexible water hoses
	70000-03300	**Non-return valve TB 10 mm** for flexible hoses Ø 10 mm (additionally required for submersible pumps)
	70020-03500	**Non-return valve JG 12 mm** with connection Ø 12 mm for rigid piping (John Guest system)

Note: For control panel accessories, see **Page 11** onward

Installation overview: Therme

1. Therme
2. Aeration valve
3. Drain valve, cpl.
4. Drain valve TB 10 / 1.5 bar
5. Warm air duct (duct ÜR 65)
6. Wall outlet vent WL
7. Control panel

Therme

220

Ø 11.5

Ø 69,5

370

230

All dimensions in mm

Therme

Product	Part No.	Description
	42014-01	**Therme** **Technical data:** • **Capacity**: 5 l • **Heating time in electrical mode from 15 °C to 60 °C**: 50 min • **Water temperature**: up to 65 °C • **Output of electric heating element**: 300 W (230 V) • **Power consumption 230 V**: 1.3 A • **Dimensions**: 370 x 220 x 230 mm (L x W x H) • **Weight**: 2 kg **Scope of delivery:** Therme complete with control panel, drain- and aeration valve (without mixing valve)

Accessories

Product	Part No.	Description
	40020-00400	**Drain valve cpl.** with simple connection
	40020-00900	**Drain valve T, cpl.** with double connection
	40020-00300	**Mixing valve** for Therme
	70141-10	**Drain valve TB 10 / 1.5 bar** essential when the Therme is to be connected to the central water supply (city connection)

All products at a glance

MonoControl CS

- **Practical**: A single variant for wall or ceiling mounting for simplified handling
- **Light**: 40 % less weight than the previous model
- **User-friendly**: If the crash sensor is triggered, this can be seen on the yellow button; simple reset at the push of a button.

→ **Page 59**

Gas filter

- **Compact**: Because of its low design, it fits in almost every gas cylinder box.
- **Effective**: Filters up to 99.9 % of aerosols and protects the gas system and all gas appliances.
- **Simple**: Easy to retrofit, suitable for all wall or ceiling-mounted Truma gas pressure regulators.
- **User-friendly**: Filter pads are easy to replace.

→ **Page 61**

DuoControl CS

- **Light**: Lightweight.
- **User-friendly**: If the crash sensor is triggered, this can be seen on the yellow button; simple reset at the push of a button.
- **Convenient**: The status of the operating cylinder (empty / full) can be seen on the display; automatic changeover from the empty gas cylinder to the full one. Display of the operating cylinder (empty/full) in the interior and heating of the regulator with EisEx during spring/fall and in winter

→ **Page 58**

High-pressure hoses with hose rupture protection

- **Variable**: Six different types available—for reliable use throughout Europe.
- **Versatile**: Hoses are available in the lengths 450 and 750 mm (for pull-out devices).

→ **Page 62**

Truma LevelControl

- **Exact**: Accurately measures the fill level of your cylinder as a percentage and in kilograms
- **Convenient**: Easy to use and operate with the Truma LevelControl App
- **Practical**: Thanks to the integrated magnets, it can be easily attached to the bottom of the cylinder and removed when you replace the cylinder
- **Universal**: Works on all standard European steel and aluminum gas cylinders

→ **Page 69**

Truma LevelCheck

- **Easy to handle**: Light, robust measuring instrument with LED display, ready for immediate use.
- **Reliable**: Provides highly accurate measurements and displays the result in seconds.
- **Practical**: Integrated torch for checking the gas content in the dark.
- **Variable**: Suitable for all steel and aluminum LPG gas cylinders

→ **Page 69**

> ℹ Please inform your customers that Truma does not accept warranty claims for defective gas pressure regulators that have been used without a gas filter and Truma high-pressure hose!
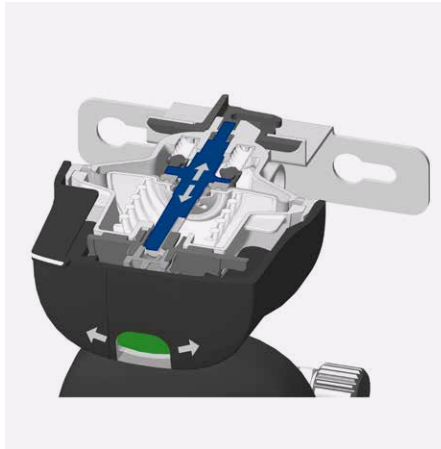
Impressive technical features

Quality in every detail.

Truma gas pressure regulators benefit both you and your customers: not only do you save time and money on installation or conversion, you can also enjoy having satisfied customers. Our safe, high-quality components are also extremely user-friendly.

The gas filter has an increased separation efficiency

The direct coupling of the diaphragm for the changeover display ensures consistently correct information about the cylinder status
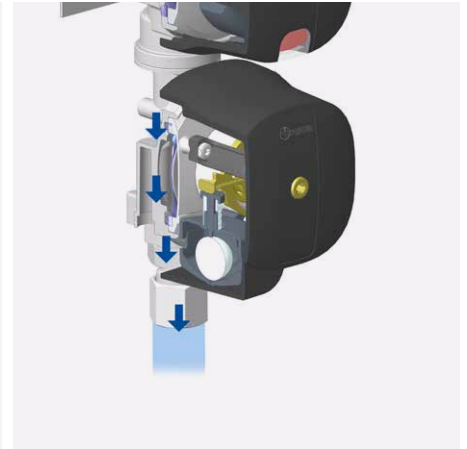
As the ball of the crash sensor is not in the gas flow, no additional pressure is lost to the gas pressure regulator

5 year manufacturer warranty from Truma

Truma gas supply—the best for you and your customers

Only from Truma: We now offer your customers a 5 year manufacturer warranty on our gas pressure regulators, gas filters, and gas hoses, if these three components have been installed at the same time. Provide your customers with a high level of service and build trust with premium-quality products.

Let your end customers know that they can register here: **truma.com/regulatorwarranty/**

5 year manufacturer warranty

For everyone who chooses Truma – valid only when used with our regulators, filters and hoses. Register now at **truma.com/regulatorwarranty**

Important information about registering for the warranty

Your end customer confirms that all three Truma components are installed in their vehicle:

- **Truma gas pressure regulator**
  (black MonoControl, DuoControl (CS), or MonoControl CS T)
- **Truma gas filter**
  (black or silver, regularly maintained)
- **Truma high-pressure hose**
  (black or green hose rupture protection)

The end customer does not need any supporting documents in order to register.

Important information in the event of a warranty claim

1. Process the warranty claim via Truma Assist.
2. Enter the end customer's registration number.
3. Proof of purchase needs to be presented for the defective component only.
4. The date of purchase is the deciding factor for the 5 year warranty
5. The warranty is non transferable; a new owner is welcome to re-register.
6. Installation and removal is part of the warranty.

Installation overview: Single-cylinder system
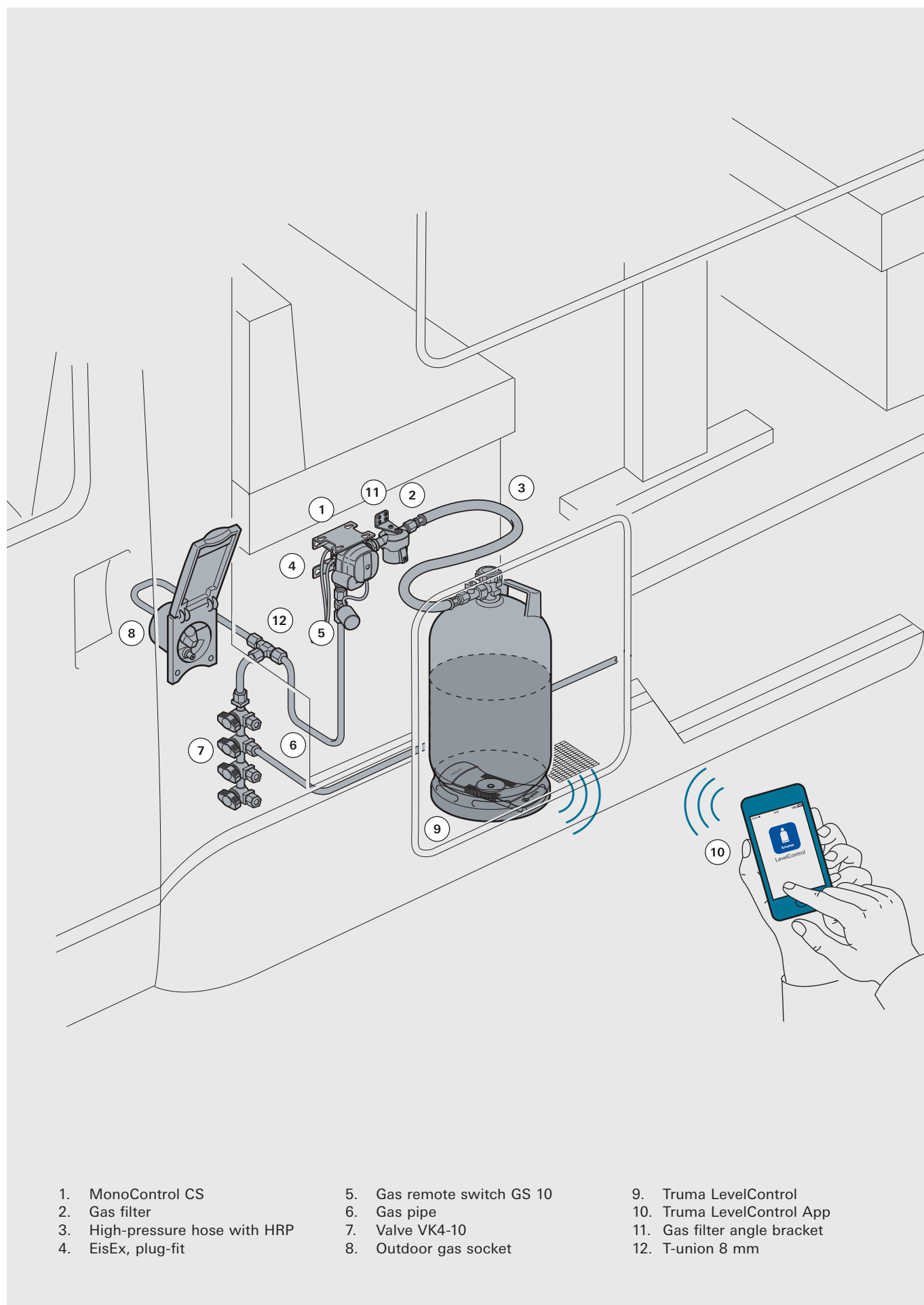
1. MonoControl CS	5. Gas remote switch GS 10	9. Truma LevelControl
2. Gas filter	6. Gas pipe	10. Truma LevelControl App
3. High-pressure hose with HRP	7. Valve VK4-10	11. Gas filter angle bracket
4. EisEx, plug-fit	8. Outdoor gas socket	12. T-union 8 mm
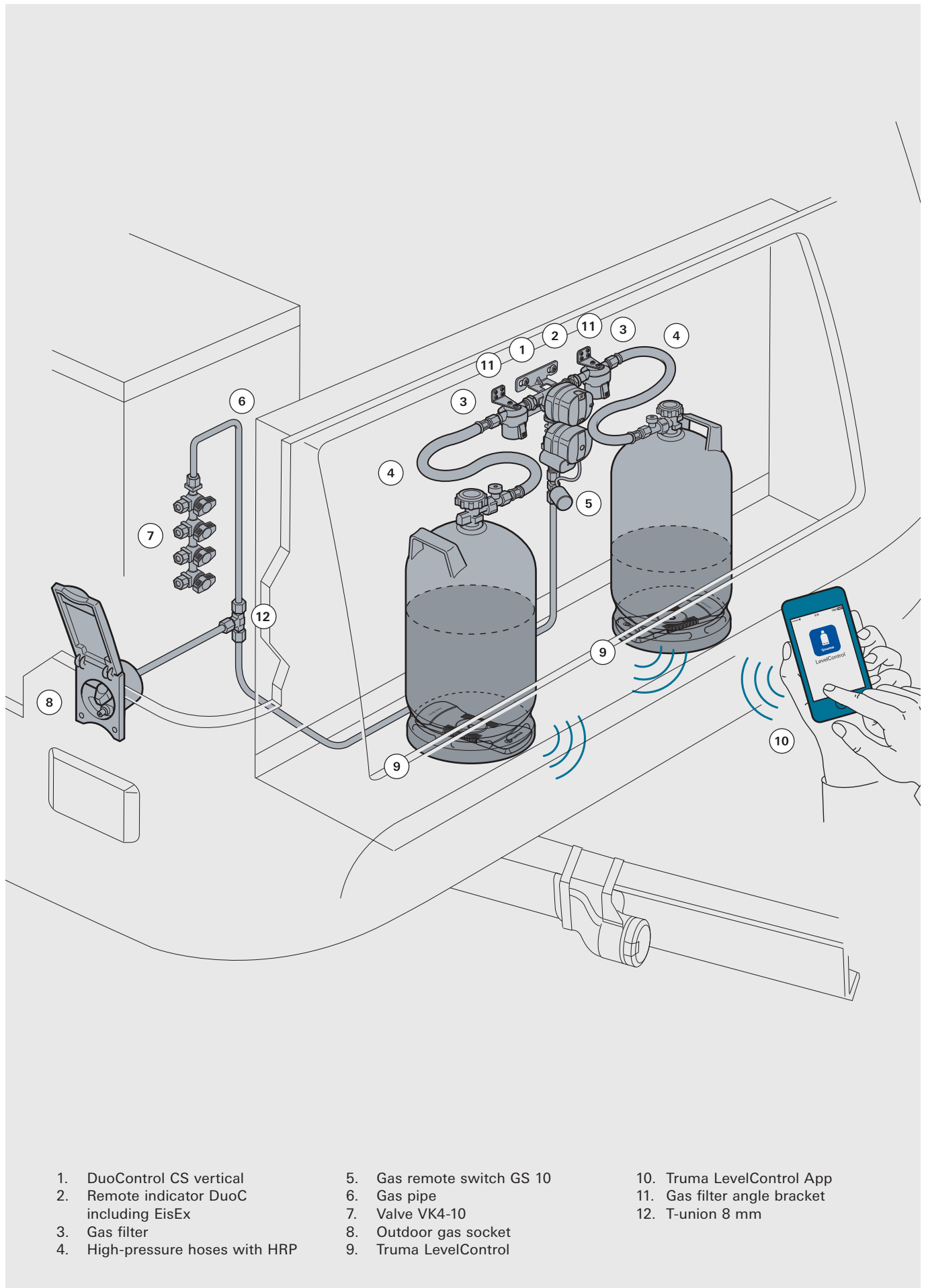
1. DuoControl CS vertical
2. Remote indicator DuoC including EisEx
3. Gas filter
4. High-pressure hoses with HRP
5. Gas remote switch GS 10
6. Gas pipe
7. Valve VK4-10
8. Outdoor gas socket
9. Truma LevelControl
10. Truma LevelControl App
11. Gas filter angle bracket
12. T-union 8 mm

Gas pressure regulator

Two-cylinder systems

Product	Part No.	Description

	51611-01	**DuoControl CS vertical**
		30 mbar, 10 / 8 mm
		Safety gas pressure regulator with integrated crash sensor (CS).
		for vertical mounting to a stable face of the gas cylinder box.
		
		Technical data:
		• **Gas type**: Propane / butane
		• **Regulator capacity**: max. 1.5 kg/h
		• **Regulator inlet**: Male thread M20 x 1.5 (G. 13)
		• **Regulator outlet**:
		  olive screw connection 10 or 8 mm (H. 9)
		• **Crash sensor triggering value**: 4.0 g +/- 1.0 g
		• **Inlet pressure**: 0.7 – 16 bar
		• **Outlet pressure**: 30 mbar
		• **Dimensions (vertical model)**:
		  184 x 95 x 103 mm (H x W x D)
		• **Weight**: 900 g
		
		Scope of delivery:
		Straight reducer union RST 10 x RVS 8 mm,
		screwing aid with release element, operating and installation instructions,
		yellow sticker

> ⓘ Please inform your customers that Truma does not accept warranty claims for defective gas pressure regulators that have been used without a Truma gas filter and Truma high-pressure hose!

Product	Part No.	Description

	51621-01	**DuoControl CS horizontal**
		30 mbar, 10 / 8 mm
		Safety gas pressure regulator with integrated crash sensor (CS),
		for horizontal mounting on top of the gas cylinder box.
		
		Technical data:
		• **Gas type**: Propane / butane
		• **Regulator capacity**: max. 1.5 kg/h
		• **Regulator inlet**: Male thread M20 x 1.5 (G. 13)
		• **Regulator outlet**:
		  olive screw connection 10 or 8 mm (H. 9)
		• **Crash sensor triggering value**: 4.0 g +/– 1.0 g
		• **Inlet pressure**: 0.7 – 16 bar
		• **Outlet pressure**: 30 mbar
		• **Dimensions (horizontal model)**:
		  104 x 158 x 116 mm (H x W x D)
		• **Weight**: 900 g
		
		Scope of delivery:
		Straight reducer union RST 10 x RVS 8 mm,
		screwing aid with release element, operating and installation instructions,
		yellow sticker

> ⓘ Please inform your customers that Truma does not accept warranty claims for defective gas pressure regulators that have been used without a Truma gas filter and Truma high-pressure hose!

Gas pressure regulator

Single-cylinder gas systems

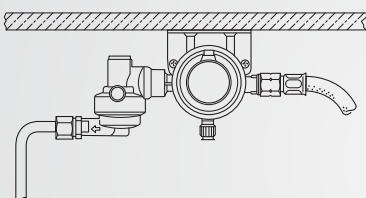| Product	Part No.	Description
	52412-01	**MonoControl CS** 30 mbar, 10 / 8 mm Safety gas pressure regulator with integrated crash sensor (CS). for wall or ceiling mounting in gas cylinder boxes. **Technical data:** • **Gas type**: Propane / butane • **Regulator capacity**: max. 1.5 kg/h • **Regulator inlet**: Male thread M20 x 1.5 (G. 13) • **Regulator outlet**: olive screw connection 10 or 8 mm (H. 9) • **Crash sensor triggering value**: 4.0 g +/– 1.0 g • **Inlet pressure**: 0.3 – 16 bar • **Outlet pressure**: 30 mbar • **Dimensions**: 106 x 101 x 102 mm (H x W x D) • **Weight**: 500 g **Scope of delivery:** Straight reducer union RST 10 x RVS 8 mm, screwing aid with release element, operating and installation instructions, yellow sticker

> ℹ️ Please inform your customers that Truma does not accept warranty claims for defective gas pressure regulators that have been used without a Truma gas filter and Truma high-pressure hose!

For gas tanks

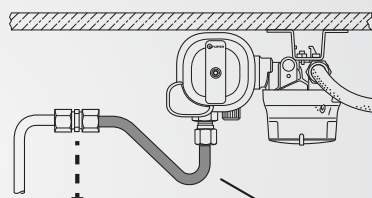| Product	Part No.	Description
	52412-05	**MonoControl CS T Kit** 30 mbar, 10 mm for attaching directly on the gas tank extraction valve **Technical data:** • **Inlet pressure**: 0.3 – 16 bar • **Outlet pressure**: 30 mbar • **Dimensions**: 90 x 219 x 99 mm (H x W x D) • **Weight**: 900 g **Scope of delivery:** MonoControl CS T, gas filter, screwing aid with release element, operating and installation instructions

MonoControl CS horizontal

DuoControl CS horizontal

→

10 10

8 10

Art. Nr. 50810-02

Conversion made easy. Detailed and easy-to-understand description on our dealer portal
portal.truma.com

Replacing the regulator "new for old"

Adapters, parts and information for quick and easy conversions

Replacing an old Truma regulator with a new one is simple. All you need are the right adapters, which you can obtain from your wholesaler at a special price.
The precise intended use is described on each package.

Quick & easy

Product	Part No.	Description
	50810-01	**MonoControl CS vertical adapters 10 pcs.** MonoControl CS vertical (silver) →MonoControl CS (black) With a wall distance of 52 mm, an adapter plate regulator/filter (part no. 50850-01) is also required.
	50810-02	**MonoControl CS horizontal adapters 10 pcs.** MonoControl CS horizontal (silver) → MonoControl CS (black) MonoControl CS horizontal (silver) → DuoControl CS horizontal (black)
	50810-03	**DuoControl CS horizontal adapters 10 pcs.** DuoControl CS horizontal (silver)→ DuoControl CS horizontal (black) The remote indicator DuoC sensor (part no. 50020-00586) is also required.
	50850-01	**Adapter plates regulator/filter 10 pcs.** MonoControl CS vertical (silver) → MonoControl CS (black) With a wall distance of 52 mm: The adapter MonoControl CS vertical part no. 50810-01 is also required. DuoControl (CS) vertical (silver) → DuoControl CS (black) The remote indicator DuoC sensor (part no. 50020-00586) is also required. MonoControl CS vertical (silver) → DuoControl CS vertical (black) with gas pipe to wall distance of 52 mm

ⓘ Please ask your wholesaler for the prices of these products.

Gas filter

Product	Part No.	Description
	50603-01	**Gas filter** Suitable for wall- and ceiling-mounted Truma gas pressure regulators with inlet screw joint M 20 x 1.5. Install upstream of the gas pressure regulator. Can also be used for fillable tank gas cylinders. Gas filter angle brackets optionally available. **Technical data:** • **Gas type**: Propane / butane • **Operating pressure**: 0.3 to 16 bar • **Filter inlet**: male thread M20 x 1.5 • **Filter outlet**: union nut M20 x 1.5 • **Dimensions**: approx. 67 x 81 x 54 mm (H x W x D) • **Weight (including filter pad)**: 370 g **Scope of delivery:** Gas filter, including filter pad
	50603-02	**Gas filter kit, 2 pcs.** For the two-cylinder system **Technical data:** see gas filters (50603-01) **Scope of delivery:** Twin pack: 2 gas filters, including filter pads

Be on the safe side with the new gas filter and save real money.

Compared with a gas filter with cartridge, purchasing a new gas filter with pads pays for itself after two years*. This is because replacement pads are much cheaper than replacing filter cartridges.

* Based on an average consumption of three gas cylinders per year

Accessories
for gas filters

Product	Part No.	Description
	50681-01	**Filter pads, 10 pcs.** for gas filters (black, 50603-01, 50603-02)
	50020-00379	**Angle bracket for gas filter** for additional wall mounting
	50680-02	**Gas filter replacement cartridge** for older gas filters (silver) 94 mm high. <u>Not</u> for gas filters (black, 50603-01, 50603-02) **Scope of delivery:** Replacement cartridge, protective glove

High-pressure hoses with hose rupture protection (HRP)

> ℹ The high-pressure hoses are available in different country-specific variations and **two lengths**. A country overview can be found on the respective packaging.

Product	Part No.	Description
		High-pressure hoses with hose rupture protection (HRP), length 450 mm
	50415-01	**HP hose HRP, 450 mm, G.12 DE**
	50415-02	**HP hose HRP, 450 mm, G.7 GB Propane**
	50415-03	**HP hose HRP, 450 mm, G.2 FR Shell**
	50415-04	**HP hose HRP, 450 mm, G.1 IT Liquid**
	50415-05	**HP hose HRP, 450 mm, G.10 SE Pol**
	50415-06	**HP hose HRP, 450 mm, G.8 EU Shell**

truma

Product	Part No.	Description
		High-pressure hoses with hose rupture protection (HRP), length 750 mm (only for use with liquid gas cylinders on a pull-out device)
	50425-01	**HP hose HRP, 750 mm, G.12 DE**
	50425-02	**HP hose HRP, 750 mm, G.7 GB Propane**
	50425-03	**HP hose HRP, 750 mm, G.2 FR Shell**
	50425-04	**HP hose HRP, 750 mm, G.1 IT Liquid**
	50425-05	**HP hose HRP, 750 mm, G.10 SE Pol**
	50425-06	**HP hose HRP, 750 mm, G.8 EU Shell**

Accessories
for high-pressure hoses

Product	Part No.	Description
	50020-00752	**Elbow union 90°** for installing e.g. between MonoControl CS or HP hose where space is limited, or for using a gas filter
	50020-00755	**Additional kit DuoC** for use with DuoControl CS or when the gas cylinder is more than 100 cm away or for offset installation of a gas filter. (A Ø 10 mm gas pipe—not included—is also required:)

Accessories

Gas remote switch

Product	Part No.	Description
	57024-01	**Gas remote switch GS 10** for single- and two-cylinder systems with optimized gas flow rate up to 2 kg/h. Installation on the gas pipe **Technical data:** • **Connection input**: Nozzle Ø 10 mm • **Connection output**: External thread cutting ring fitting Ø 10 mm • **LPG flow rate at 2.5 mbar pressure drop (20 °C / 30 mbar)**: max. 2 kg/h • **Max. pressure**: 150 mbar • **Nominal voltage**: 12 V • **Power consumption**: 40 mA • **Protection type**: IP 54 • **Valve class**: A **Scope of delivery:** Solenoid valve GS 10 complete, gas remote switch 12 V control panel, cutting ring 10L, union nut 10AL M16 x 1.5, operating and installation instructions
	57014-01	**Gas remote switch GS 8** for single- and two-cylinder gas systems with optimized gas flow rate up to 1.5 kg/h. Installation on the gas pipe **Technical data:** • **Connection input**: Nozzle Ø 8 mm • **Connection output**: External thread cutting ring fitting Ø 8 mm • **LPG flow rate at 2.5 mbar pressure drop (20 °C / 30 mbar)**: max. 1.5 kg/h • **Max. pressure**: 150 mbar • **Nominal voltage**: 12 V • **Power consumption**: 40 mA • **Protection type**: IP 54 • **Valve class**: A **Scope of delivery:** Solenoid valve GS 8 complete, gas remote switch 12 V control unit, cutting ring 8L, union nut 8AL M14 x 1.5, operating and installation instructions
	57004-01	**Gas remote switch GSE** for single-cylinder gas systems, with optimized gas flow rate up to 1 kg/h. Installation between cylinder-mounted gas pressure regulator and gas hose. **Technical data:** • **Connection input**: 1/4" left union nut • **Connection output**: 1/4" left male thread • **LPG flow rate at 2.5 mbar pressure drop (20 °C / 30 mbar)**: max. 1 kg/h • **Max. pressure**: 150 mbar • **Nominal voltage**: 12 V • **Power consumption**: 40 mA • **Protection type**: IP 54 • **Valve class**: A **Scope of delivery:** Solenoid valve GSE complete, gas remote switch 12 V control unit, operating and installation instructions

> ℹ️ **Attention:** The gas remote switches may be used only if it has been ensured that all gas appliances have a safety pilot! This is the case e.g. with all current Truma heating and hot water appliances.

Truma

Accessories

for gas pressure regulators

Product	Part No.	Description
	50212-01	**Remote indicator DuoC** **only** for DuoControl CS (51611-01 and 51621-01) **Scope of delivery:** Control panel DuoC, integrated plug-fit EisEx 12 V, plug-fit sensor remote indicator DuoC, fuse holder, fuse 1 AF, and control panel cable DuoC
	34300-01	**Extension cable for control panel, 5 m**
	53101-01	**Plug-fit EisEx 12 V** counters regulator icing (for plugging into the existing hole on the regulator) for MonoControl CS, DuoControl CS, SecuMotion, DuoComfort, and DuoControl
	50020-00586	**Plug-fit remote indicator DuoC sensor** for an existing remote indicator DuoC when converting from an existing DuoControl CS (silver) to a new DuoControl CS (black)

Accessories

Outdoor gas socket for gas extraction

Product	Part No.	Description
	23291-01 23291-03	**Outdoor gas socket, pure white** **Outdoor gas socket, black**
	23252-31	**Valve KV8** coupling quick-acting valve with plug-in coupling
	23471-31	**Valve AKV-8** branch coupling quick-acting valve with plug-in coupling

> **Note:** Only permitted for extraction. Feeding prohibited!

Product	Part No.	Description
	50615-08	**Gas hose W 100 with coupling nozzle** for coupling valves with coupling nozzles and union nuts R 1/4" LH, length: 1 m

Accessories

Gas installation

Product	Part No.	Description
	50615-01	**Gas hose W 40 – 8 mm** 1/4" LH, olive screw connection 8 mm (winter-proof 40 cm long)—not for France
	50655-01	**Gas hose W 40 – 10 mm** 1/4" LH, olive screw connection 10 mm (winter-proof 40 cm long)—not for France
	39010-28600	**Gas pipe Ø 8 x 1 mm, BPK 6 m** (EN 10305-3), plastic-coated (6 m coil)
	10160-00	**Straight union 8 mm** for gas pipe 8 mm
	10161-00	**Straight union 10 mm** for gas pipe 10 mm
	50040-11900	**Straight reducer union RVS 10 x RVS 8 mm** 10 mm / 8 mm
	10171-00	**Elbow union 10 mm** for gas pipe 10 mm
	50020-70500	**Elbow reducer union RVS 10 x 8 mm**
	50020-00750	**Straight reducer union RVS 10 x RST 8 mm** nozzle 8 mm, olive screw connection 10 mm
	50020-04000	**Straight reducer union RST 10 x RVS 8 mm** nozzle 10 mm, olive screw connection 8 mm
	10170-02	**Elbow union RVS 8 x RST 8 mm** nozzle 8 mm, olive screw connection 8 mm
	10180-00	**T-union 8 mm** for gas pipe 8 mm
	10111-00	**T-reducer union 10 x 8 x 10 mm** 10 mm x 8 mm x 10 mm

Accessories
Gas installation

Product	Part No.	Description
	10690-00	**Paste 400/25 g** heat-resistant sealing and sliding paste for threaded and olive screw connections

Accessories
Valves

Product	Part No.	Description
	23112-31	**Valve K8** quick-acting valve K, 8 mm on both sides
	23211-31	**Valve K10-8** quick-acting valve K inlet 10 mm, outlet 8 mm
	23113-31	**Valve K8 with flange** quick-acting valve K, 8 mm on both sides, with screw-on flange
	24115-31	**Valve VK2-8** Manifold valve, inlet 8 mm, with 2 outlets 8 mm
	24116-31	**Valve VK2-10** Manifold valve, inlet 10 mm, with 2 outlets 8 mm
	24135-31	**Valve VK3-8** Manifold valve, inlet 8 mm, with 3 outlets 8 mm
	24136-31	**Valve VK3-10** Manifold valve, inlet 10 mm, with 3 outlets 8 mm
	24155-31	**Valve VK4-8** Manifold valve, inlet 8 mm, with 4 outlets 8 mm
	24156-31	**Valve VK4-10** Manifold valve, inlet 10 mm, with 4 outlets 8 mm

Accessories

For valves

Product	Part No.	Description
	20000-19600	**Blanking plug 8 mm** to close off unused outlets
	20000-21700	**Blanking plugs 10 mm** to close off unused outlets
	20000-46900	**Connector 8 - 8 mm** for connecting two manifold valves
	20000-47000	**Connector 10 – 10 mm** for connecting two manifold valves
	20000-47100	**Connector 10 – 8 mm** for connecting two manifold valves
	20000-22900	**Bow strap 17 mm** for fixing the quick-acting valves
	20000-22700	**Spacer 2 mm** for bow strap 17 mm

truma

Gas level measurement

Product	Part No.	Description

50700-01

Truma LevelControl

Truma LevelControl uses ultrasound to calculate how much gas you have left in your cylinder and transmits this information via Bluetooth to your smartphone or tablet. Truma LevelControl is suitable for all standard European steel and aluminum cylinders (5 kg 33 kg). An additional clamping sheet is required for attaching aluminum cylinders!

Technical data:
- **Gas type**: Propane / butane
- **Dimensions**: 185 x 73 x 16 mm (L x W x H)
- **Power supply**: 3 V / 2 x 1.5 V batteries (alkaline, LR03, AAA)
- **Power consumption**: max. 70 mA
- **Quiescent current consumption**: 0.001 mA
- **Operating temperature**: -20 °C to +50 °C
- **Bluetooth**: Class 2
- **Weight (including battery)**: 120 g

Scope of delivery:
Truma LevelControl, 3 supporting feet, 2 1.5 V micro batteries, LevelControl magnetic foil for the gas cylinder, operating and installation instructions

50501-01

Truma LevelCheck

Truma LevelCheck is a mobile level indicator for all (propane / butane—LPG) steel or aluminum gas cylinders with a diameter of 200 to 350 mm. The appliance uses ultrasound to detect whether there is liquid gas present in the cylinder at the measuring point, and indicates this. Not for refillable tank gas cylinders.

Technical data:
- **Power supply**: E-block 9 V
- **Measurement in temperature range**: from -15 °C to +40 °C
- **Dimensions**: 138 x 35 x 30 mm (L x W x H)
- **Weight**: (including battery): approx. 100 g

Scope of delivery:
Truma LevelCheck, including 9 V battery

Accessories

50901-01

Clamping sheet
for aluminum gas cylinders for attaching the Truma LevelControl

Technical data:
- **Dimensions**: 229 x 63 x 26 mm (L x W x H)

All products at a glance

Partner

The ideal air conditioning system for every vehicle

Whether for the roof or storage box—Truma has high-quality air conditioning systems for both. All appliances are based on our many years of air conditioning experience and stand out due to their excellent cooling comfort. The air is cooled particularly efficiently and also reliably dehumidified. The required cooling performance—to ensure your customer chooses the right air conditioner—depends on the following factors:

- Size of the interior
- Temperature and humidity
- Vehicle shading
- The best way to cool very long vehicles is to use two Truma air conditioning systems. It is possible to combine roof-mounted and storage box air conditioning systems.

New

Aventa ◐ roof-mounted air conditioning system

To save space, install an Aventa air conditioning system on the roof of your caravan, motor home, or van, for example instead of a skylight. Choose between two generations of Aventa and the colors white or black.

→ **Page 74**

Saphir storage box air conditioning system

The Saphir air conditioning system can be installed in the storage compartment of the RV, for example in the seating box or under the bed.

→ **Page 85**

Aventa roof-mounted air conditioning system

| Aventa compact | Aventa compact plus | Aventa comfort |

Saphir storage box air conditioning system

| Saphir compact | Saphir comfort RC |

0   5.5 m   6 m   6.5 m   7 m   7.5 m

Overall vehicle length of motor home or caravan (approximate value)

Truma automatic climate control—cooling and heating

Automatic climate control keeps your vehicle at your individually set temperature. Especially in the spring and autumn, temperatures often fluctuate significantly.

Automatic climate control coordinates the air conditioning system and heater automatically to keep your vehicle at the perfect temperature. Combine the Aventa roof-mounted air conditioning system with our Combi heater or the Truma VarioHeat heater and your customer will receive a comprehensive hassle-free service package.

See all information about our operating systems and accessories from

Automatic

Truma 5 year parts warranty

Truma Partners provide a 5 year parts warranty on all Truma air conditioning systems.

5
years
parts
warranty

for Truma
air conditioning
systems
from your
Truma Partner

Important note

Truma air conditioning systems from transport to installation.

The symbol shown here, which is clearly represented on our device packaging, indicates the position to be assumed by the device throughout the entire transport process. The arrows shown must always point upwards.

Positioning the packaging in any other way will inevitably cause a defect in the device.

If an air conditioning system's components are stored in the bottom case of the product on vibration absorbers, and are just inserted and not screwed in place, an excessively inclined position will inevitably result in the components slipping out. The consequence is loud vibration noises and leaks resulting from components being dislodged.

It is essential that this clearly defined position is maintained during transport and storage process, handling at the retailer and during the installation procedure.

Aventa air distributor 2nd generation in detail

New

The new Aventa 2nd generation air distributor is designed to be particularly flat in order to keep to the passage height of the recreational vehicle as closely as possible. It comes in the colors cappuccino or stone. The air distributor is also available in basic and premium versions. The difference between the two is that the premium version has an integrated LED for a pleasant light ambience. In addition, the air outlets offer more adjustment options.

Design

The highly compact and timeless design means the air distributor suits any interior.

Operation

The air distributor's on/off switch can activate the air conditioning system with a preset target temperature of 22 °C.

The Premium air distributor's built-in ambient lighting can also be dimmed as well as switched on or off.

The pairing function is switched on using the pairing button.

Air distribution

The air distribution to the front or rear can be individually adjusted using the slide as required.

Ambient lighting

The Premium air distributor offers integrated, dimmable ambient LED lighting to ensure a very pleasant mood in the vehicle.

Fin operation

The fins regulate the air flow upwards or downwards. The Premium air distributor allows the blades to be adjusted to the right or left as well.

truma

1. Aventa compact plus / compact 2nd generation
2. Truma iNet X App
3. Control panel Truma iNet X Panel
4. Remote control
5. Saphir IR receiver
6. Saphir comfort RC / Saphir compact

7. Duct KR 65
8. Sound muffler
9. Swivel air outlet SCW
10. End outlet nut EM / end outlet EN
11. Connector piece ANH / rectangular air outlet

Aventa comfort

2nd generation

Product	Item no.	Description

44092-01

New   **Aventa comfort 2nd generation external unit, white**

- **incl.**: Truma iNet X Interface AC
- **Color**: white

Technical data:
- **Cooling power**: 2500 W
- **Heating power**: 2000 W
- **Power consumption in cooling mode**: 4.9 A / 1130 W (230 V)
- **Power consumption in heating mode**: 1.55 A / 360 W (230 V)
- **External unit dimensions**:
  1008 x 665 x 243 mm (L x W x H)*
- **Dimensions of roof cut-out**:
  380 x 350 mm/400 x 400 mm (L x W)
- **Weight**: 28.7 kg (including air distributor)

Scope of delivery:
External unit, Truma iNet X Interface AC, installation template,
installation and operating instructions

44092-02

New   **Aventa comfort 2nd generation external unit, black**

- **incl.**: Truma iNet X Interface AC
- **Color**: black

Technical data:
see above

Scope of delivery:
see above

Note: The Aventa air distributor Premium and Aventa air distributor are suitable for all 2nd generation Aventa air conditioning systems if required. The air distributors are not included in the scope of delivery of the external unit.

truma

Aventa compact plus

2nd generation

Product	Item no.	Description

44301-01

New   **Aventa compact plus 2nd generation external unit, white**

- **incl.**: Truma iNet X Interface AC
- **Color**: white

Technical data:
- **Cooling power**: 2200 W
- **Heating power**: 1500 W
- **Power consumption in cooling mode**: 4.9 A / 1140 W (230 V)
- **Power consumption in heating mode**: 2.1 A / 490 W (230 V)
- **External unit dimensions**:
  786 x 577 x 245 mm (L x W x H)*
- **Dimensions of roof cut-out**:
  380 x 350 mm/400 x 400 mm (L x W)
- **Weight**: 24.2 kg (including air distributor)

Scope of delivery:
External unit, Truma iNet X Interface AC, installation template, installation and operating instructions

---

44301-02

New   **Aventa compact plus 2nd generation external unit, black**

- **incl.**: Truma iNet X Interface AC
- **Color**: black

Technical data:
see above

Scope of delivery:
see above

Aventa compact

2nd generation

44201-01

New   **Aventa compact 2nd generation external unit, white**

- **incl.**: Truma iNet X Interface AC
- **Color**: white

Technical data:
- **Cooling power**: 1700 W
- **Heating power**: 1200 W
- **Power consumption in cooling mode**: 3.3 A / 770 W (230 V)
- **Power consumption in heating mode**: 4.2 A / 970 W (230 V)
- **External unit dimensions**:
  786 x 577 x 245 mm (L x W x H)*
- **Dimensions of roof cut-out**:
  380 x 350 mm/400 x 400 mm (L x W)
- **Weight**: 23.2 kg (including air distributor)

Scope of delivery:
External unit, Truma iNet X Interface AC, installation template, installation and operating instructions

---

44201-02

New   **Aventa compact 2nd generation external unit, black**

- **incl.**: Truma iNet X Interface AC
- **Color**: black

Technical data:
see above

Scope of delivery:
see above

Aventa air distributor

2nd generation

Product	Item no.	Description

40802-06

`New` **Aventa air distributor Premium, cappuccino**

Includes full adjustability and integrated LED ambient lighting

Technical data:
- **Color**: cappuccino
- **Dimensions**: 550 x 497 x 45 mm (L x W x H)*
- **Weight**: 2.7 kg

Scope of delivery:
Air distributor, mounting frame, remote control including wall bracket, mounting material (screws, clamps)

40802-07

`New` **Aventa air distributor Premium, stone**

Includes full adjustability and integrated LED ambient lighting

Technical data:
- **Color**: stone
- **Dimensions**: 550 x 497 x 45 mm (L x W x H)*
- **Weight**: 2.7 kg

Scope of delivery:
see above

40802-01

`New` **Aventa air distributor, cappuccino**

Technical data:
- **Color**: cappuccino
- **Dimensions**: 550 x 497 x 45 mm (L x W x H)*
- **Weight**: 2.7 kg

Scope of delivery:
Air distributor, mounting frame, remote control including wall bracket, mounting material (screws, clamps)

40802-02

`New` **Aventa air distributor, stone**

Technical data:
- **Color**: stone
- **Dimensions**: 550 x 497 x 45 mm (L x W x H)*
- **Weight**: 2.7 kg

Scope of delivery:
see above

> **Note:** The Aventa air distributor Premium and Aventa air distributor are suitable for all 2nd generation Aventa air conditioning systems if required. The air distributors are not included in the scope of delivery of the external unit.

Aventa product overview

2nd generation

	Aventa comfort	Aventa compact plus	Aventa compact
Cooling power	2500 W	2200 W	1700 W
Power consumption in cooling mode (230 V)	4.9 A	5 A	3.3 A
Heating power (heat pump)	2000 W	1500 W	1200 W
Heating mode power consumption[1] (230 V)	4.2 A	2.1 A	1.55 A
Operating voltage	230 – 240 V, 50 Hz		
For vehicle length	from 7 m	up to 7 m	up to 6 m
Weight incl. air distributor	28.7 kg	24.2 kg	23.2 kg
Aventa air distributor 2G	✓	✓	✓
Aventa air distributor Premium 2G	✓	✓	✓
Truma Partners	Truma Partner	Truma Partner	Truma Partner
5 year parts warranty	✓	✓	✓
Color variations of the external unit	◖●	◖●	◖●

[1]   Heating mode is possible if the outside temperature is above approx. 4 °C.

Installation dimensions
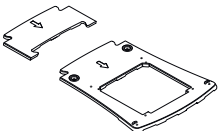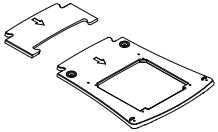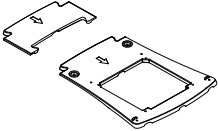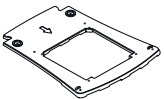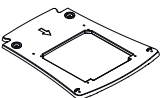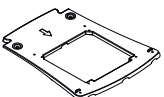
External unit and air distributor

786
245
25 -110
550
45

577
497

1008
243
25 -110
550
45

665
497
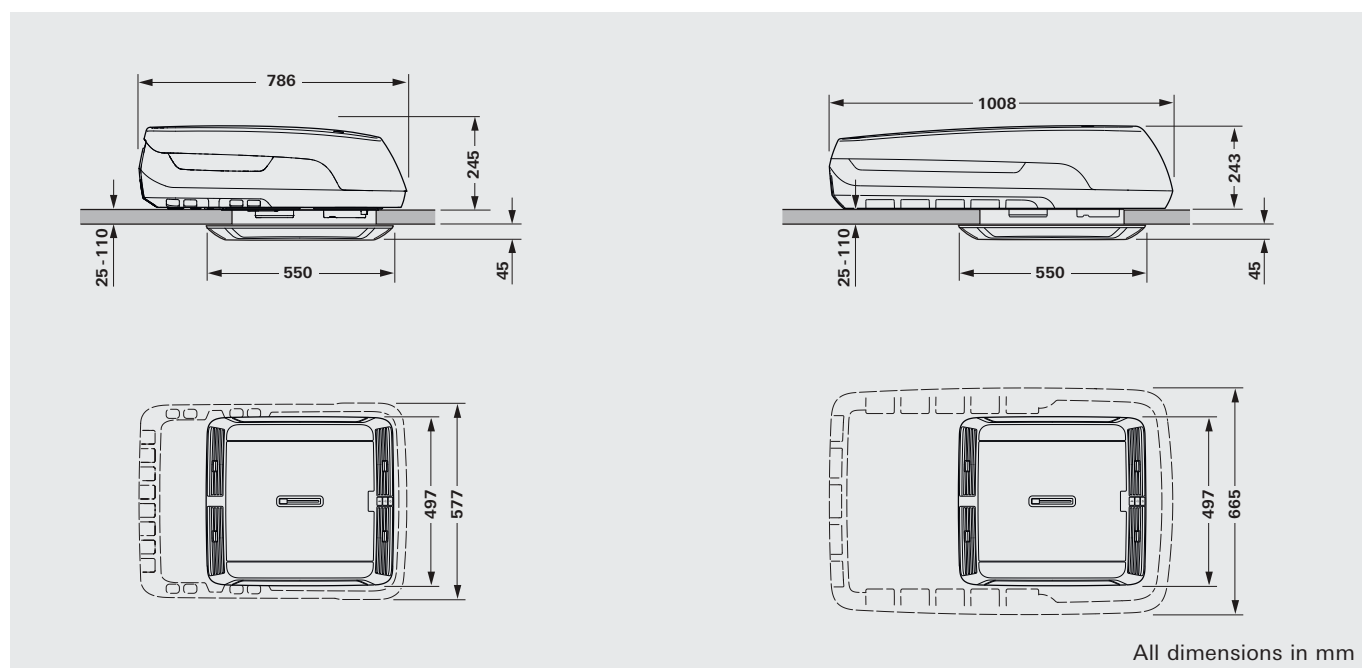
All dimensions in mm

Aventa accessories

2nd generation

Product	Part No.	Description

Note:
More information about our Truma iNet X Panel, Truma CP plus operating systems and other accessories can be found from **Page 7 onward**

40900-08

Adapter frame comfort 2nd generation PSA/PMA
only for use with Aventa comfort 2nd generation
as a seal for vans with PSA roof

Technical data:
· **Dimensions of roof cut-out**:
  380 x 350 mm / 400 x 400 mm (L x W)

40900-09

Adapter frame comfort 2.G Ford Transit
can only be used with Aventa comfort 2nd generation

Technical data:
· **Dimensions of roof cut-out**:
  380 x 350 mm / 400 x 400 mm (L x W)

40900-10

Adapter frame comfort 2.G MB Sprinter
can only be used with Aventa comfort 2nd generation

Technical data:
· **Dimensions of roof cut-out**:
  380 x 350 mm / 400 x 400 mm (L x W)

40900-05

Adapter frame comp. (plus) 2.G PSA/PMA
only Aventa compact / compact plus 2nd generation
as a seal for vans with PSA roof

Technical data:
· **Dimensions of roof cut-out**:
  380 x 350 mm / 400 x 400 mm (L x W)

40900-06

Adapter frame comp. (plus) 2.G Transit
only Aventa compact / compact plus 2nd generation

Technical data:
· **Dimensions of roof cut-out**:
  380 x 350 mm / 400 x 400 mm (L x W)

40900-07

Adapter frame comp. (plus) 2.G Sprinter
only Aventa compact / compact plus 2nd generation

Technical data:
· **Dimensions of roof cut-out**:
  380 x 350 mm / 400 x 400 mm (L x W)

Aventa operating overview
2nd generation

Operation **without** Truma iNet X Panel

The Aventa 2nd generation can be operated without the Truma iNet X (Pro) Panel. To do this, the Truma iNet X Interface AC control module, which is included in the packaging, must be installed in the designated cutout of the air distributor. The control module enables the air conditioning system to be controlled via remote control, via the Truma iNet X App using Bluetooth, and via integration into the manufacturer's built-in control panel.

It is also possible to control the Aventa 2nd generation via a Truma CP plus. This must have software version C 04.05.02 / F 04.05.02 or later; if a Truma VarioHeat is installed, the software version must be P 05.02.00 / L 05.02.00 or later.
The Truma CP plus will also be connected to the Truma iNet X Interface AC control module.

Operation **with** Truma iNet X Panel

The Aventa 2nd generation roof-mounted air conditioning systems can also be operated via the Truma iNet X (Pro) Panel. The operation of the air conditioning system via remote control and app is then controlled from the Truma iNet X Panel. Therefore, the Truma iNet X Interface AC control module must not be installed in the air distributor in this case. Instead, the air conditioning system will be

connected directly to the installed Truma iNet X (Pro) Panel. If a Truma iNet X Panel has to be retrofitted, it must be checked whether the Truma iNet X Interface AC control module is already connected. This may need to be removed because the air conditioning system must be connected directly to the Truma iNet X (Pro) Panel.
A CAN cable (Page 10) is required to do this.

Aventa comfort

1st generation

Product	Part No.	Description

44091-01

Aventa comfort external unit
- **Color**: white

Technical data:
- **Cooling power**: 2400 W
- **Heating power**: 1700 W
- **Power consumption in cooling mode (230 V)**: 4.2 A
- **Power consumption in heating mode (230 V)**: 3.7 A
- **External unit dimensions**:
  1008 x 660 x 248 mm (L x W x H)
- **Dimensions of roof cut-out**:
  380 x 350 mm / 400 x 400 mm (L x W)
- **Weight**: 33 kg

Scope of delivery:
External unit, remote control including support, 3 m cable, installation template, 2 roof thickness adapters 10 mm, mounting plates, operating and installation instructions

44091-05

Aventa comfort external unit, black
- **Color**: black

Technical data:
see above

Scope of delivery:
see above

Note: The Aventa air distributor and small air distributor are available for the 1st generation Aventa air conditioning systems if required. These are not included in the scope of delivery of the external unit.

Aventa compact plus

1st generation

Product	Part No.	Description

44300-01 — **Aventa compact plus external unit**
- **Color**: white

Technical data:
- **Cooling power**: 2200 W
- **Power consumption (230 V)**: 4.4 A
- **External unit dimensions**:
  785 x 560 x 265 mm (L x W x H)
- **Dimensions of roof cut-out**:
  380 x 350 mm / 400 x 400 mm (L x W)
- **Weight**: approx. 29.5 kg

Scope of delivery:
External unit, remote control including support, 3 m cable, installation template, 2 roof thickness adapters 10 mm, mounting plates, operating and installation instructions

---

44300-03 — **Aventa compact plus external unit, black**
- **Color**: black

Technical data:
see above

Scope of delivery:
see above

Aventa compact

Aventa 1st generation

44200-01 — **Aventa compact external unit**
- **Color**: white

Technical data:
- **Cooling power**: 1700 W
- **Power consumption (230 V)**: 2.8 A
- **External unit dimensions**:
  785 x 560 x 265 mm (L x W x H)
- **Dimensions of roof cut-out**:
  380 x 350 mm / 400 x 400 mm (L x W)
- **Weight**: approx. 27.5 kg

Scope of delivery:
External unit, remote control including support, 3 m cable, installation template, 2 roof thickness adapters 10 mm, mounting plates, operating and installation instructions

---

44200-02 — **Aventa compact external unit, black**
- **Color**: black

Technical data:
see above

Scope of delivery:
see above

Aventa air distributor

1st generation

Product	Part No.	Description
	40801-01	**Aventa air distributor, cream/brown** with dimmable LED ambient lighting and replaceable filter **Technical data:** • **Color**: cream/brown • **Dimensions**: 670 x 523 x 46 mm (L x W x H)
	40801-02	**Aventa air distributor, tele/basalt grey** with dimmable LED ambient lighting and replaceable filter. **Technical data:** • **Color**: tele/basalt grey • **Dimensions**: 670 x 523 x 46 mm (L x W x H)
	40801-05	**Air distributor small, cream/brown** Especially small and compact **Technical data:** • **Color**: cream/brown • **Dimensions of air distributor small**: 556 x 496 x 46 mm (L x W x H)
	40801-04	**Air distributor small, tele/basalt grey** Especially small and compact **Technical data:** • **Color**: tele/basalt grey • **Dimensions of air distributor small**: 556 x 496 x 46 mm (L x W x H)

Note: The Aventa air distributor and small air distributor are available for the 1st generation Aventa air conditioning systems if required. These are not included in the scope of delivery of the external unit.

truma

Aventa product overview
1st generation

	Aventa comfort	Aventa compact plus	Aventa compact
Cooling power	2400 W	2200 W	1700 W
Power consumption in cooling mode (230 V)	4.2 A	4.4 A	2.8 A
Heating power (heat pump)	1700 W*	–	–
Heating mode power consumption[1] (230 V)	3.7 A	–	–
For vehicle length	from 7 m	up to 7 m	up to 6 m
Operating voltage	230 V – 240 V, 50 Hz	230 V – 240 V, 50 Hz	230 V – 240 V, 50 Hz
Weight (plus installation material)	33 kg	29.5 kg	27.5 kg
Initial current	28 A (150 ms)	28 A (150 ms)	20 A (150 ms)
Small air distributor	✓	✓	✓
Aventa air distributor	✓	✓	✓
Truma Partners	Truma Partner	Truma Partner	Truma Partner
5 year parts warranty	✓	✓	✓
Color variations of the external unit	◗●	◗●	◗●

[1] Heating mode is possible above an outside temperature of approx. 4 °C.

Aventa comfort

1008
248
670
46
660
523
400
400
192

Aventa compact / Aventa compact plus

785
265
556
46
496
560
400
400
106
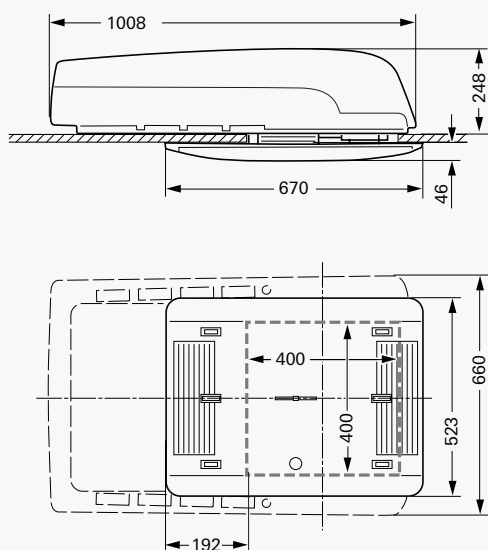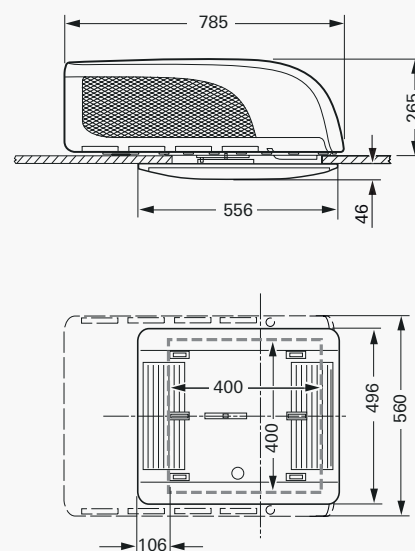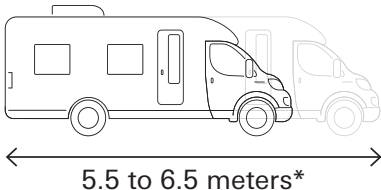
Aventa accessories

1st generation

Product	Part No.	Description
	(i)	**Note:** More information about our Truma iNet X Panel, Truma CP plus operating systems and other accessories can be found from **Page 7 onward**
	40091-19500	**Aventa sealing frame** offering optimum sealing for a retrofit in a motor home (cut-out 400 x 400 mm)
	40091-00183	**Leveling frame kit** to complement the sealing frame Aventa (40091-19500) for installation in a van
	40900-01	**PSA adapter frame kit** can only be used with Aventa compact / compact plus for sealing for vans with PSA roof (cutout 400 x 400 mm)
	40091-33000	**Adapter 12 V** for incorporating the ambient lighting into the 12-volt on-board power supply
	40091-16900	**Roof thickness adapter 10 mm** for adapting to roof thicknesses of over 50 mm to maximum 110 mm (1 piece, order the appropriate number according to the roof thickness)
		Covering tape for Aventa air distributor small, self-adhesive, for leveling out unevenness in the roof, 2.36 m long, leveling height up to 5 mm
	40091-31200 40091-31300	**Covering tape, cream, 2.36 m** **Covering tape, grey, 2.36 m**
	40091-16800	**Aventa air filter kit, 2 pcs.** for Aventa air filter, not suitable for air filter small

truma
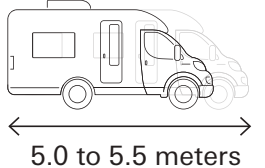
Saphir comfort RC

Product	Part No.	Description
	44035-01	**Saphir comfort RC** Suitable for installation in the storage compartment, for vehicles up to approx. 6.5 m long. **Technical data:** · **Cooling power**: 2400 W · **Heating power**: 1700 W · **Power consumption in cooling mode (230 V)**: 4.2 A · **Power consumption in heating mode (230 V)**: 3.7 A · **Dimensions**: 628 x 400 x 290 mm (L x W x H) · **Weight**: 23.5 kg · **Operating systems**: iNet X iNet ready Truma CP plus **Scope of delivery:** Remote control including holder, IR receiver with cover frame, fastening bracket with screws, 1.5 m clamping strap, 2 floor intake grilles, installation instructions and operating instructions, particle filter, fluff filter, and installation template

5.5 to 6.5 meters*

*For lengths of 6.5 m and over, we recommend installing two Saphir air conditioning systems or the Aventa roof-mounted air conditioning system.

> ⓘ The Saphir can also be operated via Truma iNet X Panel/Truma CP plus. A full compatibility list can be found in the dealer portal. In combination with a Combi heater, a "control panel cable coupling" (part no. 39050-00175—**Page 11**) is required between the air conditioning system and the heater.

Saphir compact

Product	Part No.	Description
	44081-02	**Saphir compact** Suitable for installation in the storage compartment, for vehicles up to approx. 5.5 m long. **Technical data:** · **Cooling power**: 1800 W · **Power consumption (230 V)**: 2.8 A · **Dimensions**: 560 x 400 x 290 mm (L x W x H) · **Weight**: 20 kg · **Operating systems**: iNet X iNet ready Truma CP plus **Scope of delivery:** Remote control including holder, including 1.5 V battery Micro, IR receiver with cover frame, fastening bracket with screws, 1.5 m clamping strap, condensate trap, 2 floor intake grilles and installation template, particle filter, fluff filter

5.0 to 5.5 meters

Product overview: Saphir

	Saphir compact	Saphir comfort RC
Cooling power	1800 W	2400 W
Power consumption in cooling mode (230 V)	2.8 A (35 °C)	4.2 A (35 °C)
Heating power (heat pump)	–	1700 W[1]
Power consumption in heating mode (230 V)	–	3.7 A
Operating voltage	230 V – 240 V, 50 Hz	230 V – 240 V, 50 Hz
Weight (plus installation material)	20 kg	23.5 kg
Initial current	15 A (150 ms)	20 A (150 ms)
Truma Partners		

[1]   Heating mode is possible above an outside temperature of approx. 4 °C.

Saphir compact

560 mm   400 mm   290 mm

Saphir comfort RC

628 mm   400 mm   290 mm
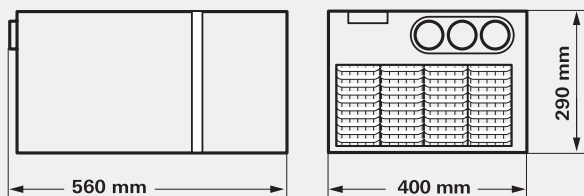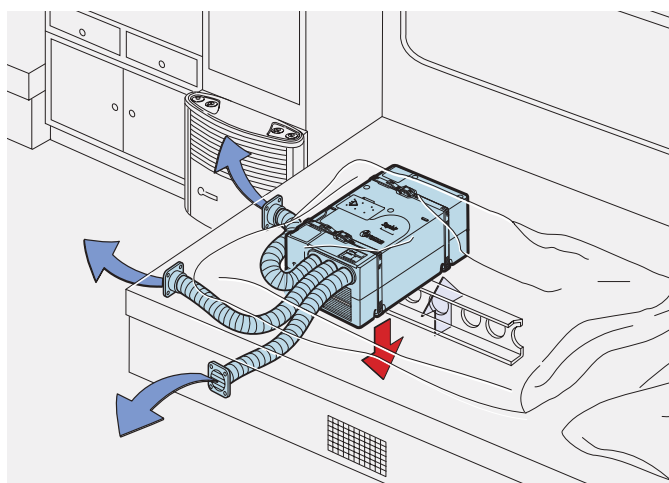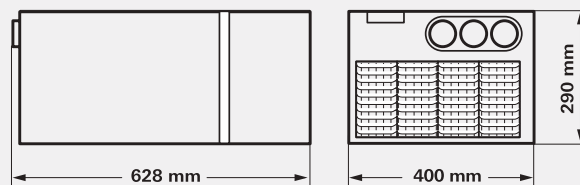
Eco solution

For pre-cooling the vehicle. Simple, economical, and quick to install with the **Saphir EasySet** →**Page 88**
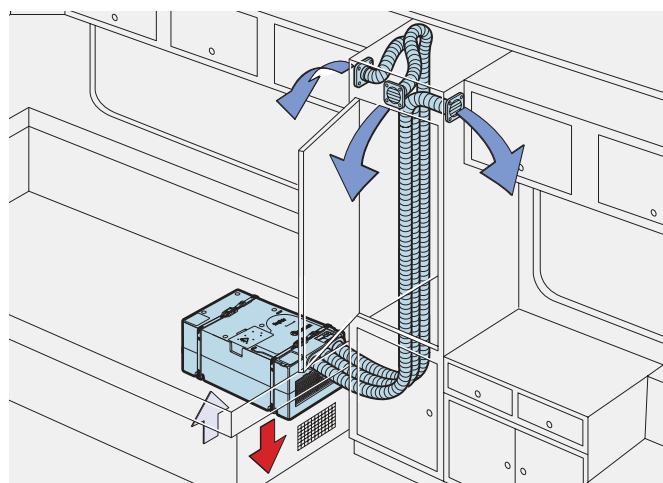
Comfort solution

For even air distribution inside the vehicle. The air is routed upwards and comfortably with no draughts.
Up to 15 meters of cold air duct can be connected.

Saphir accessories

Product	Part No.	Description
	(i)	**Note:** More information about our Truma iNet X Panel and Truma CP plus operating systems plus and other accessories can be found from **Page 7 onward**
	40090-89100	**Extension cable for IR receiver, 3 m** for IR receiver Saphir compact, Saphir comfort RC
	40040-29200	**Intake grille circulation air, rectangular** air flow cross section 315 cm^2
	40040-20400	**Intake grille circulation air, round** air flow cross section 135 cm^2, 3 pcs required
	40090-59100	**Flexible air conditioning intake, 2 m** only required if a direct air conditioning intake is not possible due to the installation situation, suitable for all Saphir air conditioning systems, hose length 2 m
	40090-57100	**Flexible air conditioning intake, 3 m** only required if a direct air conditioning intake is not possible due to the installation situation, suitable for all Saphir air conditioning systems, hose length 3 m
	40090-64600	**Saphir fluff filter, blue**
	40090-58100	**Saphir particle filter** suitable for all Saphir air conditioning systems

Accessories

Saphir air distribution

Product	Part No.	Description
	40090-44100 40090-44400	**Saphir EasySet, beige** **Saphir EasySet, agate grey** **for eco solution** Accessories for quick and simple installation of the air distribution for Saphir compact and Saphir comfort RC, consisting of: 3 m cold air duct KR 65, Ø 65 mm 3 end outlet nuts EM, 3 end outlets EN-O, 3 lamellar inserts LA, beige or agate grey
	40200-00	**Duct KR 65, Ø 65 mm** Cold air duct (per meter)
	40241-01	**Clamp ÜS, grey, Ø 65 mm** for fixing the cold air ducts, e.g. to the wall
	40090-00038	**Sound muffler** for installation in the cold air line for additional noise reduction within the living area
	40040-32200	**Cold air channel** without connector
	40040-24100	**Connector** for connecting the duct KR 65 to the cold air channel
	34092-01	**Elbow BGC, black** for connecting the duct KR 65 to the connector
	40152-02	**T-pipe LT, agate grey** for ducts Ø 65 or 72 mm
	40353-01	**Blank cover VD, agate grey** for closing shaped parts
	40181-01	**End outlet nut EM, agate grey**
	40171-01	**End outlet EN, agate grey** with air throttle, suitable for T-pipe LT, end outlet nut EM, and ducts Ø 65 mm (for other colors, see **Page 42**)

Product	Part No.	Description
	40171-07	**End outlet EN-O, agate grey** without air throttle, for lamellar insert LA (other colors see **Page 42**)
	40721-01	**Lamellar insert LA, agate grey** for attaching onto end outlet EN-O, air flow direction adjustable by rotating (other colors see **Page 42**)
		Swivel air outlet SCW 2 as a non-closable air outlet for connecting to the duct KR 65
	39971-01 39971-02 39971-03	**Swivel air outlet SCW 2, black** **Swivel air outlet SCW 2, beige** **Swivel air outlet SCW 2, basalt grey**
	40290-02	**Connector piece ANH, black** required for connecting duct KR 65 to the rectangular air outlet
	40280-01	**Rectangular air outlet, black** (RL)
	40152-01	**T-piece TS, agate grey**
	40192-01	**Y-piece, agate grey**
	40730-01	**Insulating elbow, black** for ducts Ø 65 mm, insulated elbow for leading air beneath the floor and back again (2 of these are required)
	34020-24000	**Clips 4 pcs.** for T-piece TS, T-pipe LT, insulating elbow for improved holding of various air ducts

All products at a glance

Partner

Mover XT

- **Light**: 20 kg lighter than the competition.
- **Exact**: Smoothly maneuver your caravan with ultimate precision, thanks to brushless high-tech motors.
- **Stable**: 100 % directional stability, as if it's on rails, thanks to Truma Dynamic Move Technology.
- **Keeps the caravan on track**: even with obstacles on one side

→ **Page 92**

Mover smart A

- **Universal**: Fits on all common frames.
- **Controlled**: Starts off gently, stops with precision.
- **Intuitive**: With the handy remote control maneuvering is easy.
- **Powerful**: Handles inclines of 13 %
- **Convenient**: Automatic engagement & disengagement at the touch of a button.

→ **Page 93**

Mover smart A4

- **Superior**: Confident maneuvering for twin-axle caravans up to 2800 kg & automatic engagement and disengagement at the touch of a button.
- **Powerful**: Handles inclines of 10 %

→ **Page 93**

Mover smart M

- **Controlled**: Starts off gently, stops with precision.
- **Intuitive**: With the handy remote control, maneuvering single-axle caravans up to 2000 kg is easy.
- **Powerful**: Handles inclines of 13 %
- **Simple**: Manual engagement and disengagement with lever movement from one side—no cranking required.

→ **Page 93**

Premium

Partner

XT

smart A

smart M

Go2

Standard

premium quality

Service and warranty processing all handled by the dealer

price-conscious
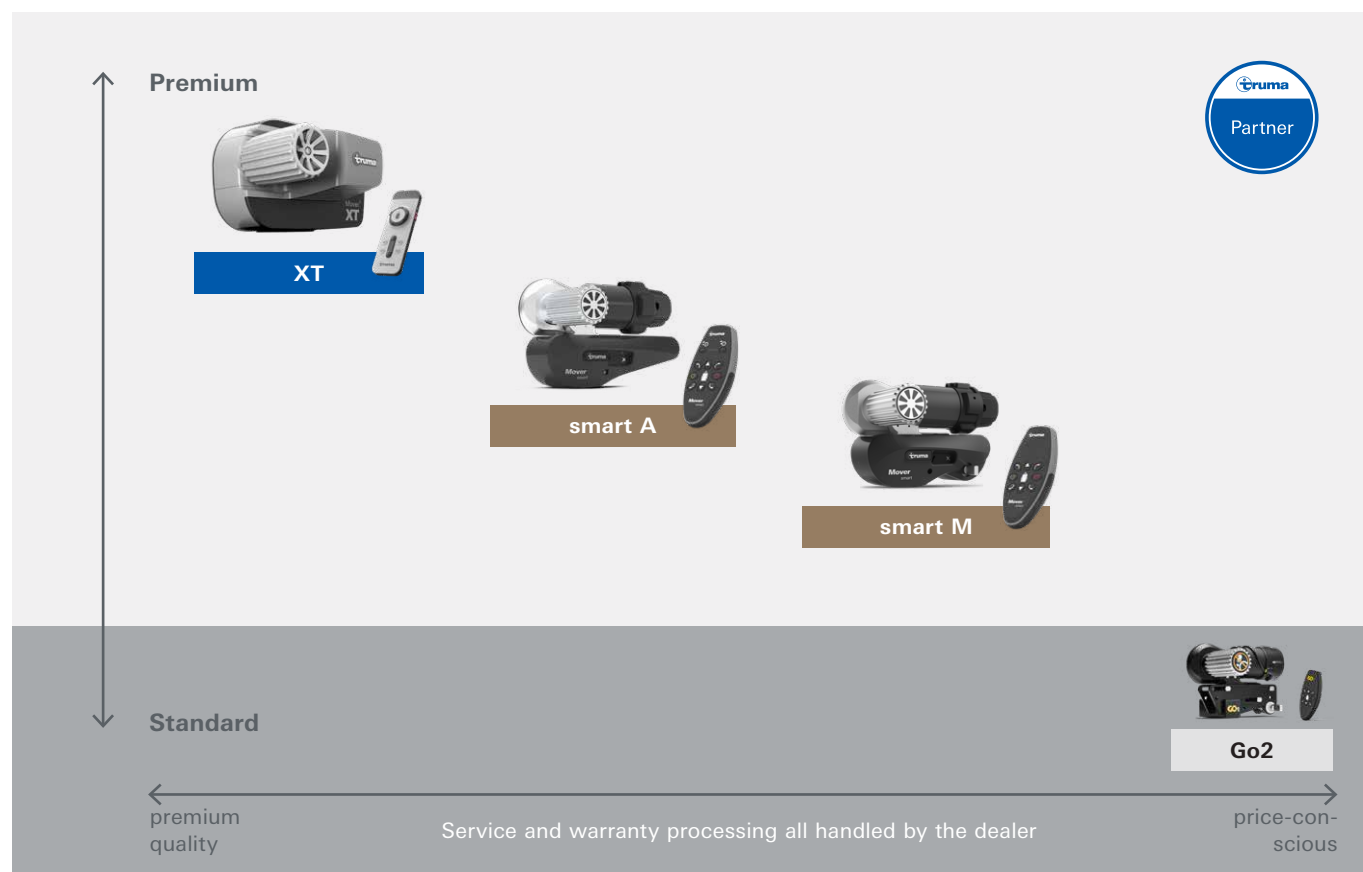
The ideal maneuvering system for every caravan

	Mover smart M	Mover smart A	Mover XT L	Mover XT	Mover smart A4	Mover XT2	Mover XT4
Axles	Single-axle caravans				Twin-axle caravans		
For a permissible total weight up to	**2000 kg**	**2000 kg**	**1500 kg**	**2300 kg**	**2800 kg**	**2400 kg**	**3100 kg**
Engagement & dis-engagement	Manual	**Automatic**					
Control accuracy	★★★★☆	★★★★☆	★★★★★	★★★★★	★★★★☆	★★★★★	★★★★★
Maximum climbing capability*	13 %	13 %	20 %	13 %	10 %	10 %	10 %
Power supply	12 V						
Average / maximum power consumption*	35 A / 125 A	35 A / 125 A	28 A / 150 A	28 A / 150 A	60 A / 150 A	28 A / 150 A	37 A / 150 A
Maximum speed	9 m/min	9 m/min	11.5 m/min	11.5 m/min	9 m/min	11.5 m/min	11.5 m/min
Weight	33 kg	32 kg	28 kg	28 kg	64 kg	28 kg	60 kg
5 year warranty	✓	✓	✓	✓	✓	✓	✓
Truma Service	✓	✓	✓	✓	✓	✓	✓
Recommended PowerSet	PowerSet	PowerSet	PowerSet light	PowerSet light	PowerSet plus	PowerSet light	PowerSet
Recommended battery size (round cells, AGM/gel, lead-acid)	55 / 70 / 80 Ah	55 / 70 / 80 Ah	36 / 55 / 70 Ah	36 / 55 / 70 Ah	75 / 90 / 100 Ah	55 / 70 / 80 Ah	55 / 70 / 80 Ah

*in relation to the permissible total weight

Product characteristics	Mover XT	Mover smart A	Mover smart M	Go2
100 % directional stability	★★★	–	–	–
Weight advantage (Mover and battery)	★★★	–	–	–
Smooth steering and acceleration	★★★	–	–	–
Drive off smoothly and stop with precision	★★★	★★☆	★★☆	★★☆
5 year parts warranty	★★★	★★★	★★★	–
Engage/disengage	★★★	★★★	★★☆	★★☆
Truma Service for end customer	★★★	★★★	★★★	–
Quick-mounting system	★★★	★★★	★★★	★★★
Truma Partners	✓	✓	✓	–

Mover XT

Maneuvering system with electrical engaging and disengaging for <u>single-axle</u> caravans

Product	Part No.	Description

61110-01

Mover XT
for <u>single-axle</u> caravans up to 2300 kg

Technical data:
• **Power supply**: 12 V
• **Maximum power consumption**: 150 A
• **Average power consumption**: 28 A
• **Weight**: 28 kg

Scope of delivery:
2 drive units Mover XT (left, right), remote control,
Mover control unit, safety socket, connector cable, fixing parts

---

61110-02

Mover XT L
Only for AL-KO lightweight chassis up to 1500 kg and 5° angle

See: → **Page 95**

Technical data:
• **Power supply**: 12 V
• **Maximum power consumption**: 150 A
• **Average power consumption**: 28 A
• **Weight**: 28 kg

The only difference between the Mover XT L and the
Mover XT is the fixing. This was developed specially
for the AL-KO lightweight chassis and enables
installation on frames with a 5° angle.

Scope of delivery:
2 control units Mover XT L (left, right), remote control,
Mover control unit, safety socket, connector cable, fixing parts

Maneuvering systems with electrical engaging and disengaging for <u>twin-axle</u> caravans

61310-01

Mover XT4
for <u>twin-axle</u> caravans up to 3100 kg

Technical data:
• **Power supply**: 12 V
• **Maximum power consumption**: 150 A
• **Average power consumption**: 37 A
• **Weight**: 60 kg

Scope of delivery:
4 drive units Mover XT 4 (left, right), remote control,
Mover control unit, safety socket, connector cable, fixing parts

---

61210-01

Mover XT2
for <u>twin-axle</u> caravans up to 2400 kg

Technical data:
• **Power supply**: 12 V
• **Maximum power consumption**: 150 A
• **Average power consumption**: 28 A
• **Weight**: 28 kg

Scope of delivery:
2 drive units Mover XT2 (left, right), remote control,
Mover control unit, safety socket, connector cable, fixing parts

truma

Mover smart

Maneuvering systems **with electrical engaging and disengaging for twin-axle caravans**

Product	Part No.	Description
CE	61740-01	**Mover smart A4** for twin-axle caravans up to total weight of 2800 kg **Technical data:** • **Maximum climbing capability (at maximum weight)**: 10 % • **Power supply**: 12 V • **Maximum power consumption**: 150 A • **Average power consumption**: 60 A • **Max. speed**: 0.15 m/s = 9 m/min • **Weight**: 64 kg **Scope of delivery:** 4 drive units Mover smart A (left, right, front, rear), remote control, Mover control unit, connector cable,fixing parts

Maneuvering system **with electrical engaging and disengaging for single-axle caravans**

Product	Part No.	Description
CE	61731-01	**Mover smart A** for single-axle caravans up to total weight of 2000 kg **Technical data:** • **Maximum climbing capability (at maximum weight)**: 13 % • **Power supply**: 12 V • **Maximum power consumption**: 125 A • **Average power consumption**: 35 A • **Max. speed**: 0.15 m/s = 9 m/min • **Weight**: 32 kg **Scope of delivery:** 2 drive units Mover smart A (left, right), remote control, Mover control unit, connector cable, fixing parts

Maneuvering system **with manual engaging and disengaging for single-axle caravans**

Product	Part No.	Description
CE	61721-01	**Mover smart M** for single-axle caravans up to total weight of 2000 kg **Technical data:** • **Maximum climbing capability (at maximum weight)**: 13 % • **Power supply**: 12 V • **Maximum power consumption**: 125 A • **Average power consumption**: 35 A • **Max. speed**: 0.15 m/s = 9 m/min • **Weight**: 33 kg **Scope of delivery:** 2 drive units Mover smart M (left, right), remote control, Mover control unit, connector cable, fixing parts, engagement lever

5 years parts warranty

for Mover from your Truma Partner

Installation overview
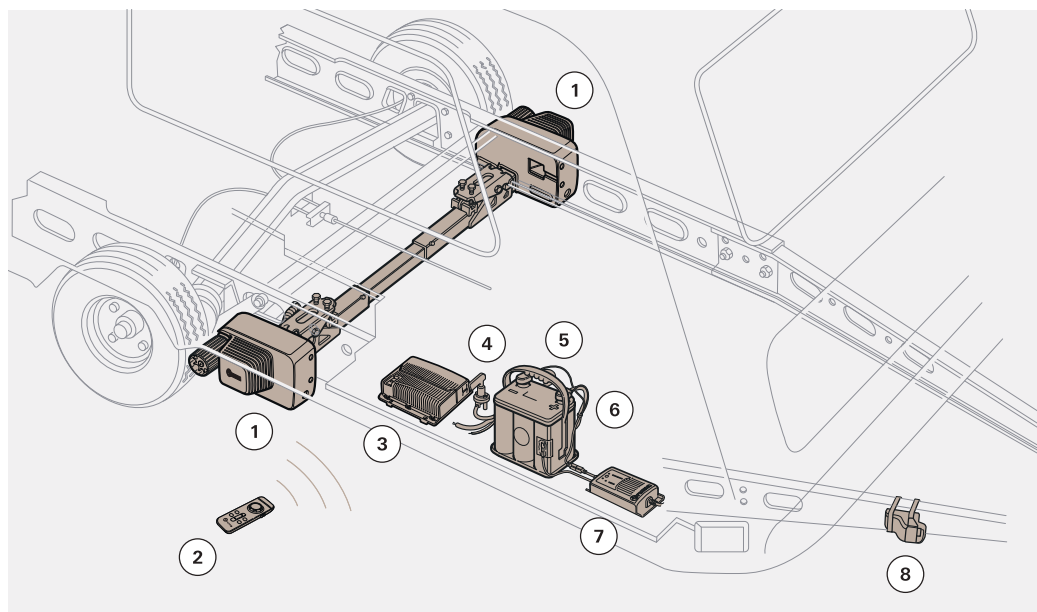
Single-axle caravan

1. Mover XT
2. Radio remote control
3. Mover control unit
4. Battery cut-off switch (PowerSet)
5. Easy clicK® terminal clamps (PowerSet)
6. Temperature sensor (PowerSet)
7. BC 10 charger (PowerSet)
8. Safety socket
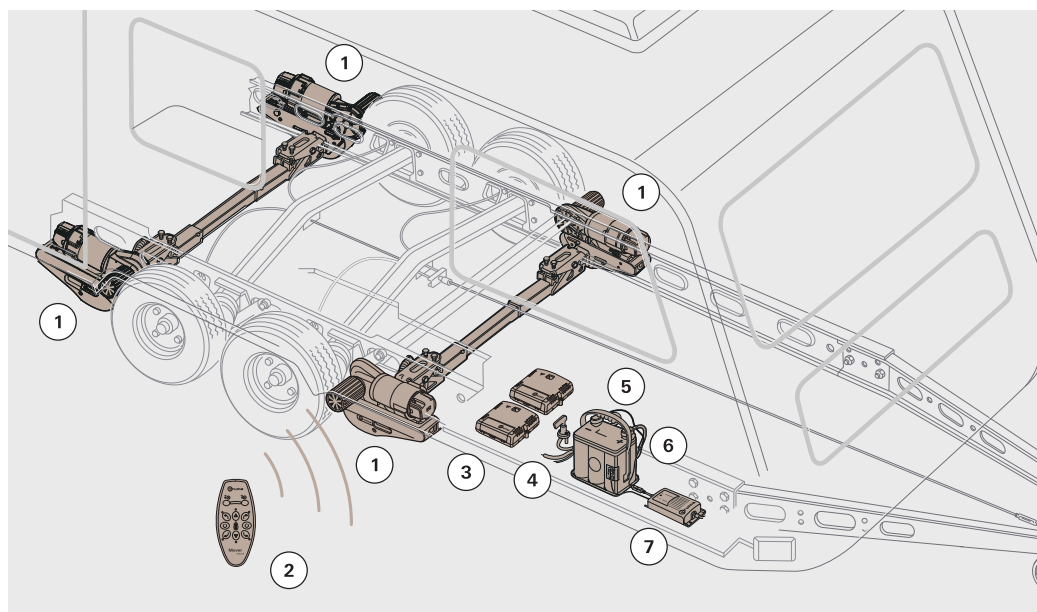
Twin-axle caravan
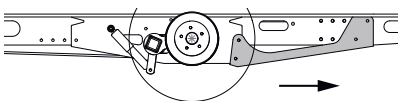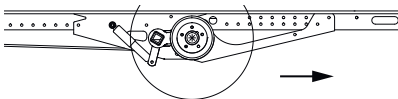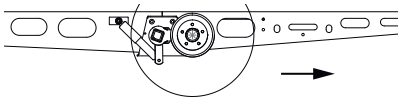
1. Mover smart A4
2. Radio remote control
3. 2x Mover smart A control unit
4. Battery cut-off switch (PowerSet)
5. Easy clicK® terminal clamps (PowerSet)
6. Temperature sensor (PowerSet)
7. BC 10 charger (PowerSet)

Mover XT
Caravan floor

min. 140
max. 20
min. 25
min. 170
min. 35
min. 80 / max. 180
min. 1350 / max. 2000

Mover smart
Caravan floor

min. 2,8
min. 170
max. 20
min. 25
min. 170
min. 35
min. 50 / max. 180
min. 1200 / max. 2000

All dimensions in mm

truma
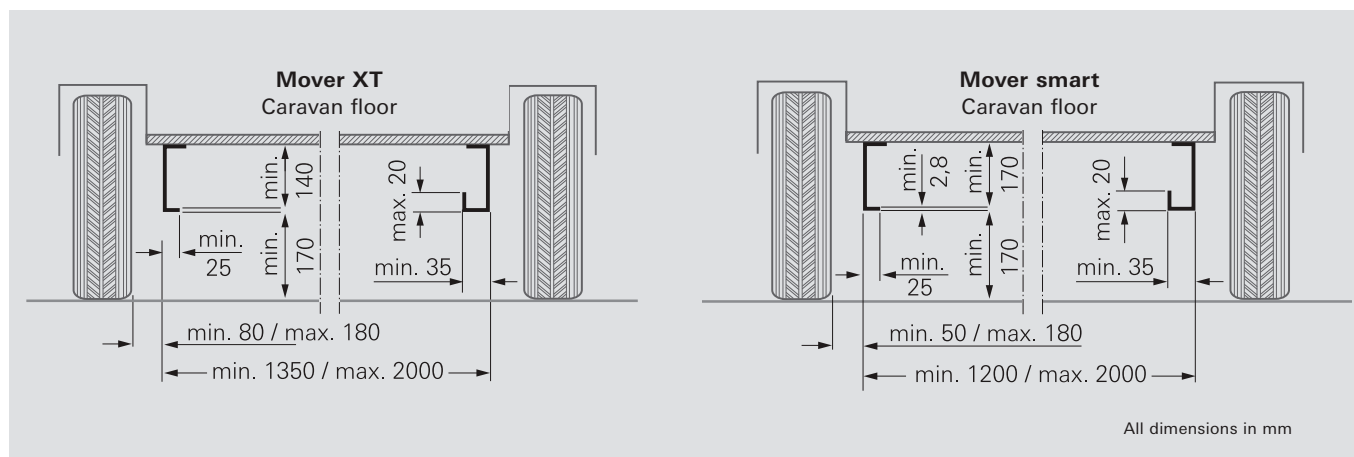
Installation accessories and mounting on the chassis

Chassis	Possible installation location	Installation accessories
AL-KO Vario IV	In front of the axle	60030-38600 AL-KO M adapter kit **or** 60031-00132 AL-KO M short adapter kit
	Behind the axle	No accessories required *
AL- KO lightweight chassis, up to 1500 kg	Behind the axle	No accessories required
AL-KO Vario III/AV 1700 kg to 1800 kg, frame thicknesses below 2.8 mm	Behind the axle	60010-21500 AL-KO Vario III/AV adapter kit
AL-KO Vario III/AV 1700 kg to 1800 kg, frame thicknesses below 2.8 mm with entrance step	Behind the axle, below the entrance step	60010-21500 AL-KO Vario III/AV adapter kit **and** 60030-95000 spacer kit 30 mm **or** 60030-95100 spacer kit 60 mm
AL-KO Vario IV and M with axle shift	In front of the axle	60031-00132 AL-KO M adapter kit up to 1800 kg
	Behind the axle	No accessories required */**
AL-KO Vario IV and M short, up to 1800 kg with completely pushed together frame	In front of the axle	60031-00132 AL-KO M short up to 1800 kg adapter kit
	Behind the axle	No accessories required */**
AL-KO M, 1900 - 2000 kg with continuous frame	In front of the axle	60031-02000 AL-KO M 1900 - 2000 kg adapter kit
	Behind the axle	No accessories required */**
BPW Vario IV reinforced, 1500 - 1800 kg	In front of axle, installation on the reinforcement brace	No accessories required
BPW Vario IV, 1500 - 1800 kg	In front of the axle	60010-64900 low chassis kit
BPW Vario IV one piece, up to 1300 kg	In front of or behind the axle	No accessories required *
BPW Vario III one piece	In front of or behind the axle	60010-64900 low chassis kit **or** 60030-37600 low chassis kit, short
BPW Vario III two piece	In front of or behind the axle	60010-64900 low chassis kit **or** 60030-37600 low chassis kit, short
Hymer Eriba Touring	In front of or behind the axle	60030-09000 Eriba Touring adapter kit
Hymer Eriba Touring Troll	Behind the axle	60031-03000 Eriba Touring Troll adapter kit
Knaus Tabbert/Dyonic AB3 1500 kg	In front of or behind the axle	60031-00290 Knaus Tabbert Dyonic 1500 kg adapter kit**and** poss. 60030-95000 30 mm spacer kit
Knaus Tabbert/Dyonic AB3 2000 kg	In front of or behind the axle	60031-00291 Knaus Tabbert Dyonic 2000 kg adapter kit
Knaus Tabbert/Dyonic AB4 2000 kg	In front of or behind the axle	60031-00291 Knaus Tabbert Dyonic 2000 kg adapter kit

*   If **required, use 60030-95000 spacer kit 30 mm** or **60030-95100 spacer kit 60 mm**.
** In the case of substructures or interfering edges, use **60030-37600 mounting kit short**.

Installation accessories

Product	Part No.	Description
	60010-64900	**Low chassis kit** consisting of mounting plates (each 240 mm high), including nuts and bolts*, for insufficient height, to compensate for a frame height of less than 80 mm for XT/XT2/XT4 and to compensate for a frame height of less than 110 mm for SE (R), TE (R)(4), SR, SX, smart and/or for bridging struts. TÜV approval required in Germany.
	60030-37600	**Low chassis kit, short** consisting of mounting plates (each 170 mm high), including nuts and bolts*, for insufficient height, for greater ground clearance and to compensate for a frame height of less than 80 mm for XT, XT2 and XT4 and to compensate for a frame height of less than 110 mm for SE (R), TE (R)(4), SR, SX, smart TÜV approval required in Germany.
	60030-38600	**AL-KO M adapter kit up to 1800 kg** for AL-KO frames with axle shift up to 1800 kg permissible total weight. To compensate for frame edges, including 10 bolts (M12 x 40) and 10 nuts XT, SE (R), SR, SX, smart
	60010-21500	**AL-KO Vario III/AV adapter kit** absolutely essential **for reinforcing a frame metal plate thickness of less than 2.8 mm!** XT, SE (R), SR, SX, smart
	60031-02000	**AL-KO M 1900 – 2000 kg adapter kit** for continuous AL-KO frames with 1900 - 2000 kg permissible total weight. To compensate for frame edges, including 10 bolts (M12 x 30) and 10 nuts XT, SE (R), SR, SX, smart
	60031-00132	**AL-KO M short up to 1800 kg adapter kit** for AL-KO frames with axle shift up to 1800 kg permissible total weight. For frame edge compensation when the frame is pushed together as far as possible, including 8 bolts (M12 x 30) and 8 nuts XT, SE (R), SR, SX, smart
	60030-09000	**Eriba Touring adapter kit** for installing a Mover on a chassis with a rectangular profile, incl. 4 bolts (M10 x 70) and 4 nuts XT, SE (R), SR, SX, smart
	60031-03000	**Eriba Touring Troll adapter kit** for installing a Mover behind the axle including 4 bolts (M19 x 30) XT, SE (R), SR, SX,smart

ℹ️ * When installing the low chassis kit and low chassis kit short, the hole pattern of the frame is to be transferred to the low chassis kit. The vehicle frame must under no circumstances be drilled into.

Truma

Product	Part No.	Description
	60031-00290	**Knaus Tabbert Dyonic 1500 kg adapter kit** Frame reinforcement for caravans with Knaus Tabbert/Dyonic chassis AB3 up to 1500 kg. The 30 mm or 60 mm spacer kit can also be used.
	60031-00291	**Knaus Tabbert Dyonic 2000 kg adapter kit** Frame reinforcement for caravans with Knaus Tabbert/Dyonic Chassis AB3 up to 2000 kg and AB4 up to 2000 kg. The 30 mm or 60 mm spacer kit can also be used.
	60030-95000	**Spacer kit 30 mm, 2 pcs.** to level out the height of 30 mm at a frame height of < 170 mm to 140 mm XT, XT2, XT4, SE R, TE R, TE R4, SR, SX, smart
	60030-95100	**Spacer kit 60 mm, 2 pcs.** to level out the height of 60 mm at a frame height of < 140 mm to 110 mm XT, XT2, XT4, SE R, TE R, TE R4, SR, SX, smart
	60031-20000	**Short mounting system** Including 4 spacer blocks each measuring 30 mm and 60 mm Alternative fixing if installation is not possible due to substructures / interfering edges XT, XT2, XT4, SR[1], SE R[1], SX, TE R[1], TE R4[1], smart 2 short mounting systems are required for the Mover TE R4. [1] TÜV approval required in Germany
	60031-08200	**Mudflap kit** Universal mudflaps for your Mover (if the existing mudflaps on the vehicle cannot be used) 1 pair, including fixing

Key:

XT	= Mover XT	SE (R)	= Mover SE and SE R	smart	= Mover smart M, Mover smart A and Mover smart A4
XT2	= Mover XT2	S(R)	= Mover S and SR		
XT4	= Mover XT4	SX	= Mover SX		
XT L	= Mover XT L	TE (R)	= Mover TE and TE R		

PowerSet

A system weight saving of up to 20 kg

The PowerSet, together with the recommended battery, provides the power for the Mover. It is coordinated perfectly to the Mover and consists of the BC 10 charger, a cut-off switch, terminal clamps (for fixed installation), a second charging cable and a temperature sensor. Truma recommends high-performance Optima® batteries* for which a specially adapted charging curve is available with the BC 10.

- **Compact**: The BC 10 charger is small and very light.
- **Practical**: Remove the BC 10 in just one easy step, thanks to the plug-and-play connection.
- **Versatile**: Charge many different battery types quickly and reliably even outside the caravan.
- **Complete control**: Information about the current charge status is shown on the LED display.

Technical data

- **Charger**: BC 10
- **Charging current**: max. 10 A
- **Input voltage**: 220 – 240 VAC, 50 – 60 Hz
- **Battery capacity**: 20 – 200 Ah
- **Battery type**: all types of 12 V lead-acid batteries (wet, maintenance-free, Ca/Ca, AGM, and gel), please use the recommended AGM batteries in conjunction with the maneuvering systems.
- **Dimensions**: 230 x 95 x 50 mm (L x W x H)
- **Weight**: 750 g

PowerSet light

For the **Mover XT** and **Mover XT2**, we recommend using the **Optima® YT S 2.7*** (38 Ah) battery with the **PowerSet**:

- **Battery weight**: 11.6 kg
- **Mover XT / XT2 / XT L**: 28 kg
- **System weight**: 39.6 kg

PowerSet

For the **Mover XT4**, **Mover SX**, and **Mover smart**, we recommend using the **Optima® YT S 4.2*** (55 Ah) battery with the **PowerSet**:

- **Battery weight**: 19.5 kg
- **Mover XT4**: 60 kg
- **Mover SX**: 35 kg
- **Mover smart M**: 33 kg
- **Mover smart A**: 32 kg
- **System weight with Mover XT4**: 79.5 kg
- **System weight with Mover SX**: 54.5 kg
- **System weight with Mover smart M**: 52.5 kg
- **System weight with Mover smart A**: 51.5 kg

PowerSet plus

For more **self-sufficiency**, we recommend using the **Optima® YT S 5.5*** (75 Ah) battery for the **PowerSet**:

- **Battery weight**: 26.5 kg
- **Mover smart A4**: 64 kg
- **System weight with Mover smart A4**: 90.5 kg

*) PowerSet batteries are not included with the Truma products and can be purchased from your wholesaler/importer. For the price and part number of PowerSet, including battery, please refer to your wholesaler's/importer's catalog. Please contact your wholesaler/importer if you have any questions about batteries.

PowerSet

Product	Part No.	Description
	47202-02	**PowerSet BC** The charger is used exclusively to charge 12 V lead accumulators, consisting of 6 individual parts (e.g. car battery), with a capacity of 20 – 200 Ah. It can be used universally and is intended for continuous operation and parallel operation. The preferred application of the charger is batteries with gel, AGM or liquid electrolyte. The device is designed for installation in caravans. **Scope of delivery:** BC 10 charger, battery cut-off switch, Comfort Connect ring eyelet, Comfort Connect terminal, Easy ClicK® terminal clamps, temperature sensor for battery (1.6 m cable length), charging cable for fixed and mobile connection
	47000-00800	**Battery holder** 4 screw-on angle brackets with 2 securing belts

Accessories

Product	Part No.	Description
	60040-00430	**Battery cut-off switch**
	47000-06200	**Easy clicK® terminal clamps** die-cast • **Capable of withstanding loads**: 150 A constant load, 800 A short-term load • **Cable cross-section**: Up to 35 mm² • **Resistance**: Approx. 0.12 mΩ at 10 A • **Layout**: Positive terminal = red, negative terminal = blue

ⓘ Easy clicK® terminal clamps guarantee quick, easy and clean release and attachment of battery connections without tools. Suitable for all DIN and SAE connections.

All products at a glance

Truma Cooler

- **Powerful**: Chill / freeze to as low as -22 °C, even at high outside temperatures.
- **Quiet**: Barely audible operating noise.
- **Efficient**: Cool for longer thanks to high-quality insulation and low power consumption.
- **Ideal temperature distribution**: A large-scale evaporator ensures uniform temperatures in the portable fridge/freezer.
- **Excellent cooling**: If there's a risk of overheating, the portable fridge/freezer automatically down-regulates instead of switching off directly.

Insulating cover

- **Packed and protected:** Your customers can purchase a precision-fit insulating cover for their Truma Cooler. This accessory improves the energy efficiency of the Truma Cooler and reduces power consumption. What's more, it helps the Truma Cooler to stay cool for longer if the power supply is interrupted. The robust nylon exterior protects the portable fridge/freezer from scratches, dirt, and spray water.

Truma Cooler App

Your customers can control their Truma Cooler with ease from their smartphone. All they need to do is download the free Truma Cooler App to control the coolbox using Bluetooth:

- Switch device on and off
- Set and control the temperature
- Switch turbo function on and off
- Change battery discharge protection
- Check battery voltage
- Display error messages

Download on the **App Store**
GET IT ON **Google Play**

Additional benefits for your customers

- Turbo function for faster cooling
- Charge electronic devices such as tablets or smartphones with the USB connection
- Integrated bottle opener on both sides
- All portable fridge/freezers provide enough space to stand bottles upright
- The basket can be removed and divided in line with your requirements
- Energy-saving LED interior lighting
- The compressor automatically lowers the temperature if there is a risk of overheating
- Easy cleaning due to drain in the base

- **On the safe side—with the integrated Battery Monitor**: The three-stage battery discharge protection prevents the vehicle battery from being discharged. If the battery charge drops below a certain level, the power supply to the portable fridge/freezer is automatically cut off. Your customers can choose one of the pre-set levels (low, medium, high) on the control panel or in the app.

truma

Product overview: Truma Cooler

Truma Cooler	Single Zone						Dual Zone	
	C30	C36	C44	C60	C73	C105	C69 DZ	C96 DZ
Power supply	12 / 24 V DC, 100 – 240 V AC ~ 50 – 60 Hz							
Power consumption (A)								
12 V	3.40	3.40	3.80	5.60	5.90	5.50	5.30	5.80
24 V	1.70	1.70	1.90	2.90	3.00	2.80	2.80	2.90
120 V	0.73	0.79	0.72	0.68	0.62	0.77	0.62	0.80
240 V	0.44	0.44	0.50	0.30	0.30	0.32	0.31	0.34
Cooling range	+10 °C down to −22 °C							
Coolant R134a (kg)	0.037	0.043	0.045	0.065	0.070	0.100	0.075	0.096
GWP value	1430							
Airborne sound emission (dB)	42	42	42	43	43	48	48	48
Climate class	N / T							
CO_2 equivalent	0.053 t	0.061 t	0.064 t	0.093 t	0.100 t	0.143 t	0.107 t	0.137 t
Energy efficiency class	C	C	C	D	D	E	D	D
Energy consumption (kWh/annum)	46	42	42	53	53	66	60	60
Gross volume (liters)	30	35	43	59	72	104	69	96
Weight (kg)	17.5	21.8	23.4	25.6	28.2	33.2	29.4	34.9

Power supply

Cool autonomously and sustainably in solar mode

Truma Coolers are ideal for battery and solar module operation. How much power do your customers need for this mode?

Power supply from vehicle battery

The Truma Cooler is compatible with all common batteries with a nominal voltage of 12 V / 24 V.

230 V operation

Your customers can connect the appliance to the power supply at their campsite to gain an additional fridge/freezer compartment.

Truma Cooler	Minimum solar module power [W]	Minimum battery capacity [Ah]
C30	50	30
C36	50	30
C44	60	35
C60	65	40
C73	65	40
C105	105	65
C69 DZ	145	85
C96 DZ	175	105

These times are measured at an ambient temperature of 25 °C and a set cooling temperature of 4 °C.

Truma Cooler Single Zone

Product	Part No.	Description
	45001-01	**Truma Cooler C30** Portable fridge/freezer for cooling or freezing **Technical data:** • **Usable volume**: 30 liters • **Cooling range**: +10 °C to -18 °C • **Energy efficiency**: C • **Power consumption**: 12 V: 3.4 A and 240 V: 0.44 A • **Weight**: 17.5 kg • **Dimensions**: 610 x 340 x 422 mm (L x W x H) **Scope of delivery:** Truma Cooler C30, 12/24 V connector cable, power cord 230 V
	45001-02	**Truma Cooler C36** Portable fridge/freezer for cooling or freezing **Technical data:** • **Usable volume**: 35 liters • **Cooling range**: +10 °C to -22 °C • **Energy efficiency**: C • **Power consumption**: 12 V: 3.4 A and 240 V: 0.44 A • **Weight**: 21.8 kg • **Dimensions**: 652 x 412 x 428 mm (L x W x H) **Scope of delivery:** Truma Cooler C36, 12/24 V connector cable, power cord 230 V
	45001-03	**Truma Cooler C44** Portable fridge/freezer for cooling or freezing **Technical data:** • **Usable volume**: 43 liters • **Cooling range**: +10 °C to -22 °C • **Energy efficiency**: C • **Power consumption**: 12 V: 3.8 A and 240 V: 0.5 A • **Weight**: 23.4 kg • **Dimensions**: 652 x 412 x 488 mm (L x W x H) **Scope of delivery:** Truma Cooler C44, 12/24 V connector cable, power cord 230 V
	45001-04	**Truma Cooler C60** Portable fridge/freezer for cooling or freezing **Technical data:** • **Usable volume**: 59 liters • **Cooling range**: +10 °C to -22 °C • **Energy efficiency**: D • **Power consumption**: 12 V: 5.6 A and 240 V: 0.3 A • **Weight**: 25.6 kg • **Dimensions**: 732 x 456 x 488 mm (L x W x H) **Scope of delivery:** Truma Cooler C60, 12/24 V connector cable, power cord 230 V
	45001-05	**Truma Cooler C73** Portable fridge/freezer for cooling or freezing **Technical data:** • **Usable volume**: 72 liters • **Cooling range**: +10 °C to -22 °C • **Energy efficiency**: D • **Power consumption**: 12 V: 5.9 A and 240 V: 0.3 A • **Weight**: 28.2 kg • **Dimensions**: 732 x 456 x 555 mm (L x W x H) **Scope of delivery:** Truma Cooler C73, 12/24 V connector cable, power cord 230 V

truma

Truma Cooler Single Zone / Dual Zone

Product	Part No.	Description

45001-06

Truma Cooler C105
Portable fridge/freezer for cooling or freezing

Technical data:
- **Usable volume**: 104 liters
- **Cooling range**: +10 °C to -22 °C
- **Energy efficiency**: E
- **Power consumption**: 12 V: 5.5 A and 240 V: 0.32 A
- **Weight**: 33.2 kg
- **Dimensions**: 912 x 536 x 500 mm (L x W x H)

Scope of delivery:
Truma Cooler C105, 12/24 V connector cable,
power cord 230 V

45101-01

Truma Cooler C69 DZ
Portable dual zone fridge/freezer for cooling and freezing

Technical data:
- **Usable volume**: 69 liters (24 l + 45 l)
- **Cooling range**: +10 °C to -22 °C
- **Energy efficiency**: D
- **Power consumption**: 12 V: 5.3 A and 240 V: 0.31 A
- **Weight**: 29.4 kg
- **Dimensions**: 732 x 456 x 555 mm (L x W x H)

Scope of delivery:
Truma Cooler C69 DZ, 12/24 V connector cable,
power cord 230 V

45101-02

Truma Cooler C96 DZ
Portable dual zone fridge/freezer for cooling and freezing

Technical data:
- **Usable volume**: 96 liters (40 l + 55 l)
- **Cooling range**: +10 °C to −22 °C
- **Energy efficiency**: D
- **Power consumption**: 12 V: 5.8 A and 240 V: 0.34 A
- **Weight**: 34.9 kg
- **Dimensions**: 912 x 536 x 500 mm (L x W x H)

Scope of delivery:
Truma Cooler C96 DZ, 12/24 V connector cable,
power cord 230 V

Accessories

Product	Part No.	Description
	40950-01	**Insulating cover C30** for Truma Cooler C30 **Technical data:** • **Color**: grey / black • **Material**: sturdy nylon with rubber coating • **Dimensions**: 630 x 360 x 442 mm (L x W x H) • **Weight**: 2 kg
	40950-02	**Insulating cover C36** for Truma Cooler C36 **Technical data:** • **Color**: grey / black • **Material**: sturdy nylon with rubber coating • **Dimensions**: 672 x 422 x 448 mm (L x W x H) • **Weight**: 2.2 kg
	40950-03	**Insulating cover C44** for Truma Cooler C44 **Technical data:** • **Color**: grey / black • **Material**: sturdy nylon with rubber coating • **Dimensions**: 672 x 432 x 508 mm (L x W x H) • **Weight**: 2.5 kg
	40950-04	**Insulating cover C60** for Truma Cooler C60 **Technical data:** • **Color**: grey / black • **Material**: sturdy nylon with rubber coating • **Dimensions**: 752 x 476 x 508 mm (L x W x H) • **Weight**: 2.7 kg
	40950-05	**Insulating cover C73 / C69 DZ** for Truma Cooler C73 and C69 DZ **Technical data:** • **Color**: grey / black • **Material**: sturdy nylon with rubber coating • **Dimensions**: 752 x 476 x 575 mm (L x W x H) • **Weight**: 2.8 kg
	40951-02	**Insulating cover C96 DZ** for Truma Cooler C96 DZ **Technical data:** • **Color**: grey / black • **Material**: sturdy nylon with rubber coating • **Dimensions**: 932 x 556 x 520 mm (L x W x H) • **Weight**: 3.3 kg
	40950-06	**Insulating cover C105** for Truma Cooler C105 **Technical data:** • **Color**: grey / black • **Material**: sturdy nylon with rubber coating • **Dimensions**: 932 x 556 x 520 mm (L x W x H) • **Weight**: 3.3 kg

Truma testing kits

Product	Part No.	Description

	50950-01	**New** **Diagnostic Tool TC**
		for reading out the error and statistics memory of TIN and CAN bus-compatible Truma devices. Errors are clearly identified in the Error Explorer and the corresponding troubleshooting measures are displayed directly. The live display function allows statuses and data to be displayed, analyzed, and controlled in real time.
		Scope of delivery: Supplied in the case: Diagnostic Tool TC adapter; 3 m cable for the TIN bus connection; cable CAN bus for extension and CAN bus connection; 0.3 m cable, USB-C m USB-C m for the USB connection; USB adapter USB-A to USB-C; coupling for extension of the control unit cable, operating instructions
		System requirement for software: Windows 11, Internet connection, download the software via your access to the dealer portal. **portal.truma.com**
		Supported languages: German, English, French, Italian, Dutch, Swedish, Spanish, Danish
	50020-62000	**Test hose 750 mm** for all standard test pumps and for the integrated test connection of the Truma gas pressure regulator

Truma special tools

| | 34020-01282 | **Lock washer tool, 35 mm** for mounting the lock washer, for shortening the Combi D next generation duct kit |

The Truma Dealer Portal
Everything you need in one place

Register now!

As a registered user, you will always be kept up to date and **benefit from a wide variety of tools to make your day-to-day work even easier**, such as:

Warranty processing made easy with Truma Assist quickly and simply online. Data checked in real time, quick processing and reimbursement of your claim included.

Swift and easy access to your Truma original parts
Truma Parts enables you to find products and spare parts easily in no time at all. Exploded diagrams and images of systems and assemblies make searching for specific parts a piece of cake.

Support during repair work and fault analyses
The **Truma error catalog** is available 24 hours a day and in a matter of clicks is able to offer a suitable measure for the user or technician.

Latest software updates for your Diagnostic Tool TC
If you have a Diagnostic Tool TC, you can read out the fault memory for TIN and CAN bus-compatible Truma devices. You will receive the latest software updates in the dealer portal.

All the key files and documents close at hand
Regardless of whether you are looking for operating instructions, service info or a product data sheet, you'll find it all in one place at our central download center with extensive filter and search function.

Exclusive benefits for Truma dealers/partners
In addition to various media such as product images, videos, and logos, in our marketing download center you will also find templates, for example, for use on your social media channels.

Contact your Truma sales representative to find out about further exclusive benefits as an official Truma partner.

Register now and subscribe to our newsletter. Always remain up-to-date and receive all the latest product and service information from the professionals.
truma.com/portal-registration

The Truma Academy
Expertise from the professionals

truma
Academy

Welcome to the Truma Academy

The greatest joy is the joy of understanding

Learning means much more than the classic notions. If you enjoy learning, you undoubtedly develop your skills more easily, faster, and with greater success. This is exactly the reason why we are working day in, day out, to provide you with exciting and informative content. Why not join the learning journey, we've got plenty of ideas developed with the future in mind!

You'll find further information in your portal, we look forward to welcoming you on board.

Your Truma Academy team

Register now:
portal.truma.com

Terms and conditions of sale and delivery of Truma Gerätetechnik GmbH & Co. KG

1. General remarks; applicability

(1) Our deliveries and other services vis-a-vis entrepreneurs, corporate bodies under public law as well as special funds under public law, take place exclusively to the following conditions. These terms and conditions also apply to our future deliveries and other services provided in the future to the afore mentioned customers, even if we do not at that point once again expressly refer to the validity of these terms and conditions.

(2) Any deviating or supplementary general terms and conditions of business of the customer are herewith objected to. This also applies if we, fully aware of deviating or supplementary terms and conditions of business of the customer, carry out an order or other performance without reservation. Deviating or supplementary terms and conditions of business of the customer shall apply only if we expressly confirm these in writing, and then only to the contract in question.

2. Offers; conclusion of contract

(1) Descriptions of goods in our (online and offline) sales material do not constitute offers in the legal sense of the term and are without obligation unless we expressly confirm otherwise in writing.

(2) A contract is formed, and amendments, additional agreements and other agreements take effect only after we have confirmed your order in text form ("order confirmation").

(3) We are entitled to refuse to accept and/or to not confirm orders, without having to cite any reason for this.

(4) We reserve the right to check the creditworthiness of any customer prior to confirmation of the order; should invoices for deliveries that have already been made still be payable by the customer, we reserve the right to confirm additional orders only after payment has been made of the outstanding invoices. Paragraph (3) shall remain unaffected.

3. Delivery

(1) Unless otherwise agreed, the delivery of the goods shall be made FCA Putzbrunn or from an alternative warehouse in Germany (Incoterms 2020).

(2) The minimum order value per order is EUR 150.00. In the case of an order for less than EUR 150.00, we reserve the right to apply a reduced value surcharge of EUR 25.00.

(3) We endeavour to provide binding delivery dates for orders confirmed by us. In individual cases however, in particular, whenever relevant factors beyond our control are a decisive factor in establishing a definite delivery date, it is not possible for us to provide a reliable, binding delivery date. We are to this extent entitled in principle to provide merely non-binding, estimated delivery dates, without having to provide the customer with a detailed account of the reasons for this. We would in particular point to the fact that, in some cases, we are not permitted to disclose the precise reasons owing to contractual non-disclosure obligations towards our sub-suppliers which preclude this.

(4) Delivery dates are wherever necessary delayed for the period of time in which the customer is late in the fulfilment of his duties or obligations. The customer may rescind the contract under statutory provisions only if we are responsible for the delivery delay.

(5) We are entitled to make partial deliveries and provide services in part within the agreed delivery deadlines if this is reasonable for the customer and is notified at least three working days beforehand. This is notably the case whenever we are only able to provide deliveries and services in part because of delivery difficulties experienced by our sup-pliers and sub-suppliers. Where customers do not consider partial deliveries and/or the provision of services in part to be reasonable, they may object to these within three working days of the notification.

(6) Returns require our prior consent in text form. Otherwise, we are not required to accept a return consignment. Any incidental processing fees will be levied individually at cost.

4. Delivery disturbances

(1) Unless we ourselves are responsible for any delivery delays, any delivery dates provided, whether binding or not, are subject to the reservation that we ourselves are properly supplied on time by our suppliers (reservation as to obtaining supplies from third parties).

(2) If we are unable to deliver the goods ordered on the binding delivery date provided by us for practical reasons that are beyond our control (notably where we for our part duly and properly ordered the goods or products from the sub-supplier, but these were not delivered or not delivered on time to us, so-called matching, covering transactions), we shall inform the customer of this without delay and at the same time advise the estimated, new delivery date. The due date of the service to be provided by us shall be extended accordingly.

(3) If we provide in the order confirmation a non-binding, estimated delivery date, we shall make every effort to deliver the goods ordered to the customer on this delivery date. We shall inform the customer without delay if the goods cannot be delivered on the estimated delivery date, and shall provide a new, binding or non-binding estimated delivery date.

(4) If the service to be provided is also not available within the new delivery deadline for reasons beyond our control, we shall be entitled to rescind the contract in full or in part; if the customer has already paid a consideration, we shall refund this without delay. Customers' statutory rights of rescission shall not be affected by this.

(5) In the event of the occurrence of a force majeure event leading to disruptions at our end or to our sub-suppliers, then we shall be entitled to extend the delivery deadline by the duration of the impediment. We shall inform the customer without delay in text form (as a rule, via email) of the start and end dates of such circumstances. If the service to be provided is permanently not available on account of such an event, i.e. even within the time afforded by a reasonable extension of the delivery deadline, paragraph (4) shall apply accordingly, including the refund of any considerations already paid.

(6) An event within the meaning of paragraph (5) may include but shall not be limited to:
   a) War (whether war is declared or not), hostilities, aggression, acts of foreign enemies, comprehensive military mobilisation;
   b) Civil war, riots, rebellion and revolution, military or other seizure of power, uprising, acts of terrorism, sabotage or piracy;
   c) Currency and trade restrictions, embargo, sanctions;
   d) Lawful or unlawful official acts, observance of legislation or government orders, expropriation, confiscation of works, requisition, nationalisation;
   e) Plague, epidemics, pandemics, natural disasters or an extreme natural event;
   f) Explosion, fire, destruction of equipment, non-availability for a longer period of time of means of transport, telecommunications, information systems or energy;
   g) General industrial disputes such as boycott, strike and lockout, work-to-rule, occupation of factories and buildings.

(7) We shall assume no liability for disruptions to deliveries which are beyond our control.

5. Warranty

(1) The customer must inspect the goods without delay upon delivery and, for an incomplete or incorrect delivery, as well as any recognisable defects, must object without delay following receipt of the goods, and for other defects, without delay following discovery, in both cases in text form. If such an objection is not made or not made without delay, the delivered goods are deemed to have been approved by the customer.

(2) Customers may not refuse to take delivery of goods on account of insignificant defects.

(3) Insofar as the delivered goods are defective, we will remedy the defects or deliver defect-free deliverables, at our discretion. If any defect cannot be remedied through reasonable expenditure, customers shall where applicable have a right of rescission under the law; customers shall then owe a reasonable amount for the period in which they were able to make use of the respective service. Customers shall not have any right to choose.

(4) Above and beyond what is stated above, customers have no further claims to any warranty. This does not apply to defects which we have fraudulently concealed or where we have guaranteed the condition of the goods. Clause 6 shall prevail with respect to any claims for damages.

(5) Defects arising as the result of the goods not being used as intended are expressly excluded from the scope of the warranty. This applies in particular to defects caused by a failure to follow the instructions and directions for use, maintenance or installation up-to-date and valid as of the date of the order, inappropriate, non-conforming, improper, incorrect or negligent use, natural wear and tear, changes made to the product by the customer or third parties, or by the use or fitting of accessories that do not belong to the respective product.

(6) Any use of the delivered goods in countries for which there is no approval in accordance with the requirements for product approval in that specific country does not fall within the scope of the warranty and shall be at the customer's risk.

(7) With regard to the warranty, we would expressly point out as follows:
   a) Our goods are products that are designed, intended, manufactured and tested, respectively approved for a specific use and a precise intended purpose. This intended purpose is clear from the materials provided by us, and notably from the instructions and directions for use, maintenance or installation up-to-date and valid as of the date of the order. We assume no liability or warranty for any use of our goods above and beyond this specific use and for any resultant defects.
   b) Some of our products may, if they are used improperly (including improper installation), give rise to hazards (fires, short circuits, carbon monoxide poisoning and the like). We assume no warranty or liability for fires and consequential loss or damage arising as the result of the misuse/improper use and/or improper installation of our products by customers or third parties.
   c) All our products require professional installation. If our products are not professionally installed, and in particular not in accordance with the respectively up-to-date and valid installation instructions and not by competent personnel, we assume no warranty for defects arising as the result of this non-professional installation, nor any liability arising from the consequences of such an improper installation.
   d) We can only guarantee the usability free of defects and the safety of our products if the products are used solely with the original accessories available from us, since our products are tested for compatibility and safety with these original accessories only. Only if the original accessories are used, therefore, can we offer a corresponding warranty against defects for the goods. We shall on the other hand assume no liability and warranty for defects arising as a result of the use of our goods with accessories other than the original accessories available from us, including notably their use with self-made or printed improvised accessory parts. We would however, as a precaution, point to the fact that the use of unsuitable accessory parts in connection with our products might not just lead to damage being caused to the products but may also, in the worst-case scenario, endanger the life of the user.

(8) With regards to the use of our products to control devices from third-party providers, the following applies:
   a) We maintain no contractual relations with third-party providers who warrant that our products can be used to control devices from these third-party providers. Such a control option is therefore only offered in those cases in which the third-party provider discloses and makes available for use a specification of the interfaces required for this. Such control functions are therefore offered only as additional functions, without obligation, that go beyond the scope of the function owed. There is no entitlement to future support for these control functions and they are subject at all times to the reservation that there is technical facilitation and legal acquiescence on the part of the third-party provider.
   b) If our products are used to control devices from third-party providers, we shall be liable only for the correct implementation of the API interface which the respective third-party provider makes available in our products. Our area of responsibility ends at the point at which our product correctly sends the third-party provider's device an instruction that matches the third-party provider's API specification as notified to us.
   c) We assume no liability for compatibility issues or errors caused by any subsequent change to the API used by a third-party provider. If the third-party provider subsequently changes its API specification, thereby making the product no longer compatible with our products, this does not come under our area of responsibility.

(9) The warranty period is two years from delivery to the customer.

6. Limitation of liability

(1) We shall accept unlimited liability for damages in the event of intent and gross negligence only. Where material contractual obligations are breached, we shall also be liable in the event of ordinary negligence. Material contractual obligations, also known as primary obligations, are understood to be obligations without which the proper performance of the contract is not even possible and on the fulfilment of which the contracting party may rely.

(2) Our liability to pay damages, should material contractual obligations be breached, is in each case limited to the loss or damage that is foreseeable and typical for that type of contract.

(3) We rule out any liability above and beyond this.

(4) The above exclusions and/or limitations of liability apply also to the liability of our salaried employees, employees, members of staff, agents and subcontractors, and operate in particular to the benefit of shareholders, members of staff, agents, executive bodies and their members in terms of their personal liability.

(5) The above limitations of liability shall not apply to liability in case of injury to life, body and health, the fraudulent concealment of any defect or the assumption by us of a guarantee, or liability pursuant to the Products Liability Act.

(6) Customers are obliged to notify us without delay in text form, or to allow us to record, loss or damage for which we are obliged to assume liability.

(7) Customers will inform us without delay as soon as they receive claims from third parties that are related or may be related to goods supplied by us. The same applies to administrative rulings. Customers will keep us informed on an ongoing basis in such matters and will coordinate with us to decide on a further course of action.

VK 09/2024

Terms and conditions of sale and delivery of Truma Gerätetechnik GmbH & Co. KG

7. Payment

(1) We are entitled to issue invoices immediately for partial deliveries and services provided in part (cf. clause 3.).

(2) Our invoices are due as of the invoice date, but no earlier than upon receipt of the invoice and to be paid without deductions. For new customers and for deliveries outside of Germany – unless otherwise agreed on – payment is due on delivery or in advance.

(3) Customers may not withhold payments based on counterclaims, respectively offset them against counterclaims, unless the customer's counterclaims (i) are undisputed, (ii) have been legally established or (iii) are contractual counterclaims from the customer arising from the legal transaction forming the basis for our claims for payment.

(4) In the event of any delayed payment by customers, we are entitled to charge interest for a delayed payment at the statutory amount. Additional statutory claims, such as for example rescission and damages, shall remain unaffected by this.

(5) All prices are net, plus any applicable value added tax.

8. Retention of Title

(1) Until the complete payment of all our current and future claims arising from the business relationship with the customer, we retain the retention of title to all merchandise delivered by us ("Goods subject to retention of title"). For open accounts, the retention of title also serves as a security for the claim to the outstanding balance.

(2) The goods subject to retention of title may not be pledged to third parties nor pledged or assigned as security before complete payment of the secured claims. The customer is to notify us without delay if an application for the opening of insolvency proceedings has been filed or if and when third parties have seized the goods subject to retention of title.

(3) If the goods subject to retention of title are mixed, combined or processed, we become co-owners correspondent to the respective value percentage of the respective acquisition prices. The customer shall further assign to us, here and now, his (joint) rights of ownership and possession to the new total entity by way of security. Customers shall keep our (joint) property in safekeeping at no charge and according to the principles of sound stewardship.

(4) For the event that customers sell goods subject to retention of title (including goods processed or treated, mixed or combined, either alone or with other goods), or use them in third-party items, they hereby assign to us in advance, by way of security, all claims that have accrued against their customers by way of a consideration for this, even if such claims are valuable consideration for work performed, third-party goods and the like, together with all securities (including rights of ownership and possession). We accept the assignment. Customers are only authorised to sell the goods subject to retention of title, or use them in other items, pursuant to sentence 1, in the ordinary course of business provided they are not in breach of their payment obligations towards us. They are revocably authorised to collect the claims assigned to us themselves, provided they are not in default of payment as stated above. On our request, the customer will disclose the assignment and provide us with the necessary information and documentation for enforcing the claims vis-a-vis his customers.

(5) The customer hereby assigns to us, by way of security, all future claims on account of loss or damage to goods subject to retention of title within his area of responsibility (e.g. insurance claims or tort claims). We accept the assignment.

(6) Should the customer act in breach of contract, we are entitled to request return of the goods subject to retention of title. We are entitled to collect the goods subject to retention of title and for this purpose enter the place where the said goods are stored or used if the customer does not comply with the request for a return or if this is required in order to prevent the definitive destruction or loss of the goods.

(7) The purchaser waives the rights to which he would be entitled based on unlawful interference with possession.

(8) We shall release the securities provided their value is more than 10 percent higher than the value of the secured claims and, in so doing, we have the right to choose which security to release.

(9) If the applicable law of the country in which the goods are located does not permit a retention of title pursuant to clause 8 but permits a seller to hold other comparable security interests in the goods, we may enforce such other security interests. The customer shall take all measures at his own expense which are necessary to confirm and safeguard the retention of title or other security rights.

9. Export Control

(1) When passing on the goods delivered by us to third parties, the customer must comply with the applicable provisions of national and international (re-) export control law, including any embargoes, sanctions or other restrictions on the movement of goods. In any case, when passing on our goods delivered to him to third parties, he must observe the relevant (re-) export control regulations of the Federal Republic of Germany, the European Union, the United States of America and the United Nations. Insofar as these conflict with the fulfilment of the contract, we shall be released from our obligation to perform.

(2) Before passing on the goods delivered by us to third parties, the customer shall, in particular, check and take appropriate measures to ensure that

a) he does not violate a relevant embargo of the Federal Republic of Germany, the European Union, the United States of America and the United Nations – also taking into account any restrictions on domestic business and any prohibitions on circumvention – by passing on such goods to third parties, by brokering contracts for such goods, work and services or by providing other economic resources in connection with such goods;

b) such goods are no further exported or re-exported to Russia/Belarus and exports for use on Russian/Belarusian territory are also prohibited;

c) such goods are not intended for a prohibited or nuclear or weapons-related use requiring authorisation, unless any necessary authorisations have been obtained;

d) the regulations of all relevant sanctions lists of the Federal Republic of Germany, the European Union, the United States of America and the United Nations regarding business transactions with companies, persons or organisations named therein are complied with.

(3) If necessary for the performance of export control checks by authorities or by us, the customer shall, upon request, immediately provide us with all information about the final recipient, the final destination and the intended use of the goods delivered by us as well as any export control restrictions applicable in this respect.

(4) The customer shall indemnify us in full against all claims asserted against us by authorities or other third parties due to the customer's failure to comply with the above export control obligations. In the event of a breach of the provisions of this clause 9, we reserve the right to appropriate legal remedies as provided for by the provisions of national and international (re-) export control law.

10. Data privacy statement

We process and use customers' personal data, notably contact details, to process the order. Details can be found in the privacy policy at https://www.truma.com/uk/en/home/privacy-policy.

11. Jurisdiction; applicable law; final provisions

(1) Place of performance for our deliveries and performances and for the obligations of the customer is Putzbrunn.

(2) The law of the Federal Republic of Germany shall apply, with the exclusion of the conflict of laws rules, Private International Law and the UN Convention on Contracts for the International Sale of Goods (CISG).

(3) Exclusive place of jurisdiction for all disputes from and in connection with the delivery relationship is, if the customer is a registered trader, corporate body under public law or special fund under public law, as well as in case the customer does not have a place of jurisdiction domestically, Munich. We are, however, also entitled to take legal action at the customer's place of business. Unaffected remain the legal place of jurisdiction for the enforcement proceedings as well as other legal places of jurisdiction, which cannot be deviated from by means of agreements between the parties.

(4) § 312i Par. 1 Sent. 1 No.1, 2 and 3 as well as § 312i Par. 1 Sent. 2 German Civil Code, which provide for certain obligations on part of the entrepreneur for contracts in electronic commerce, are waived.

(5) If a provision is or becomes ineffective, the validity of the remaining provisions shall remain unaffected.

(6) In case of such invalidity, the invalid term or condition must be replaced by a valid term or condition that comes closest to the economic objective pursued by the invalid provision.

Rev. 8; September 2024

Truma Partners

Truma Partners benefit from numerous advantages. They regularly receive product training, can borrow demonstration models for their in-house exhibitions, and can order displays for their retail premises. They make excellent sales.

5 year parts warranty

They sell Movers and air conditioning systems with a 5 year parts warranty.

Exclusive products

Truma authorized dealers offer their customers the entire Truma product range.

Expert advice

Thanks to regular training, Truma Partners are always well informed about Truma products. This enables them to clearly explain technical details and how the appliances work to their customers.

Truma Service Center

Truma's own customer service team with expert service advisors

is unique on the caravan and motor home market. Speak with our contact partners in Putzbrunn or with our field sales representatives in your area.

For dealers:

Phone:	+49 (0)89 4617-2020
E-mail:	retail@truma.com
Web:	portal.truma.com

For your customers:

Phone:	+49 (0)89 4617-2020
Web:	truma.com/service

FSC
www.fsc.org
MIX
Paper | Supporting responsible forestry
FSC® C095329