



# TRADE CATALOGUE 01963 824792

www.grassroutesleisure.co.uk

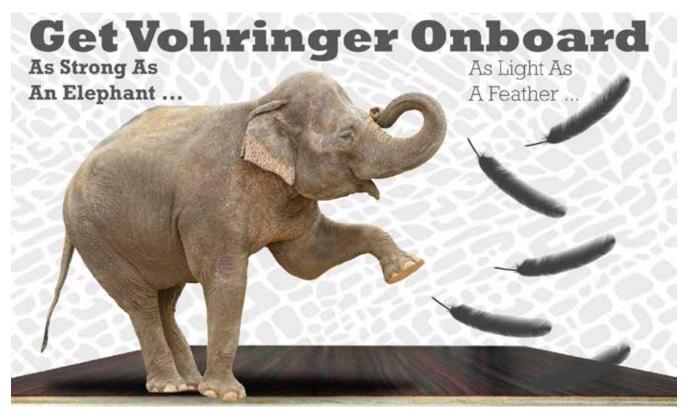
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# ABOUT VÖHRINGER FURNITURE BOARD





# **Light-weight Vohringer Ply**

# About

- Manufactured in Germany
- Proven manufacturing process established over 50 years
- Garnica poplar ply is the core base sourced from Spain
- Meets Forest Stewardship Council environmental standards
- Meets UK Environmental standards
- Scratch resistant using only CPL & HPL coverings
- Board Size approx. 2420 x 1215 mm available in 3 mm & 15 mm thicknesses (other thicknesses can be supplied)
- In excess of 43 colours available from stock
- From 19 kg dependant on covering lighter than other brands
- Used by market leaders in the UK caravan, motorhome & campervan manufacturing industry



The **15 mm board** is supplied with the **same colour** covering **both sides**. The **3 mm board** is supplied with covering on **one side**. SOLE IN GERMANY EST. 1971 Hote IN GERMIN

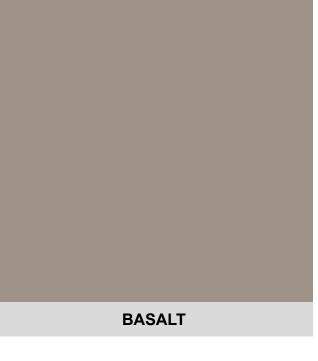
> FROM **19 kg** PER BOARD

99903 Garnier Ply Available

# Samples available

	ALUMINIUM	NEW		AMERICAN CHE	RRY
99081	15 mm veneered both sides		99005	15 mm veneered both side	s
99281	3 mm veneered on one side		99205	3 mm veneered on one sid	e



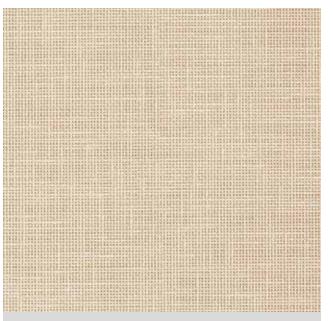


99041	15 mm veneered both sides	99073	15 mm veneered both sides
99241	3 mm veneered on one side	99273	3 mm veneered on one side

# INTERNAL FIXTURES/FITTINGS

# Samples available





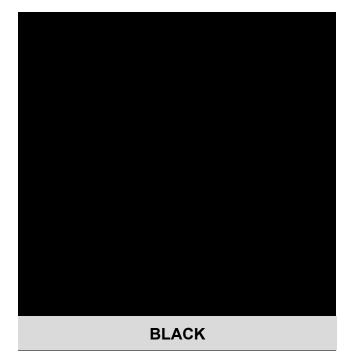
### **BEIGE LINEN**

99070	15 mm veneered both sides
99270	3 mm veneered on one side

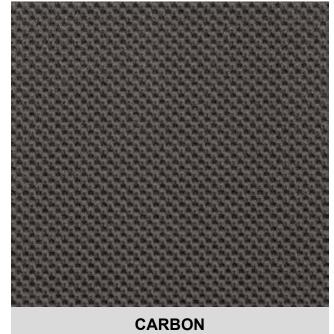


# **BRUSHED STEEL**

99072	15 mm veneered both sides
99272	3 mm veneered on one side



9901



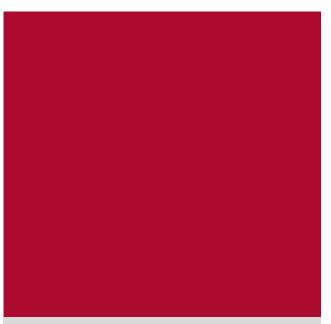
18	15 mm veneered both sides	99008	15 mm veneered both sides
18	3 mm veneered on one side	99208	3 mm veneered on one side

# INTERNAL FIXTURES/FITTINGS

Vöhringer

NEW

# Samples available



**COCHA WHITE** 

# **CHILLI RED**

99061	15 mm veneered both sides
99261	3 mm veneered on one side

99075	15 mm veneered both sides
99275	3 mm veneered on one side



# **CREAM WHITE**

99060	15 mm veneered both sides	99071	15 mm veneered both sides
99260	3 mm veneered on one side	99271	3 mm veneered on one side

# INTERNAL FIXTURES/FITTINGS

Vöhringer

# Samples available



99276 3 mm veneered on one side

99219	3 mm veneered on one side



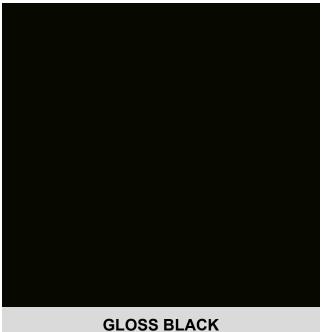
# INTERNAL FIXTURES/FITTINGS

Vöhringer

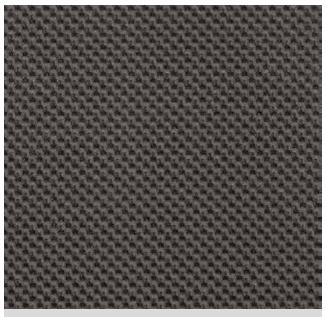
Samples available



99036	15 mm veneered both sides
99236	3 mm veneered on one side



99017	15 mm veneered both sides
99217	3 mm veneered on one side



**GLOSS CARBON** 



**GLOSS DARK CHERRY** 

99039	99039 15 mm veneered both sides		15 mm veneered both sides
99239	3 mm veneered on one side	99267	3 mm veneered on one side

# INTERNAL FIXTURES/FITTINGS

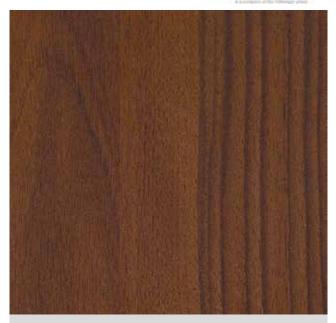
Vöhringer

# Samples available



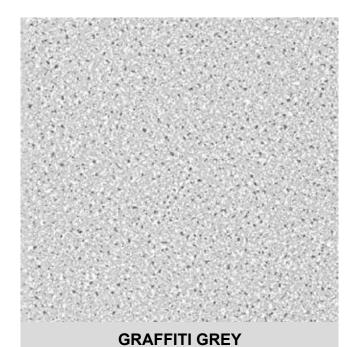
# **GLOSS RED CHERRY**

99068	15 mm veneered both sides
99268	3 mm veneered on one side



### **GLOSS WALNUT**

99035	15 mm veneered both sides
99235	3 mm veneered on one side



# **GLOSS WHITE**

99020	15 mm veneered both sides	99003	15 mm veneered both sides
99220	3 mm veneered on one side	99203	3 mm veneered on one side

# INTERNAL FIXTURES/FITTINGS

# Samples available







### HAVANA PINE BLACK

99069	15 mm veneered both sides
99269	3 mm veneered on one side

99038	15 mm veneered both sides
99238	3 mm veneered on one side



15 mm veneered both sides

3 mm veneered on one side

99032	15 mm veneered both sides
99232	3 mm veneered on one side

LIGHT GREY

99037

# INTERNAL FIXTURES/FITTINGS

Vöhringer

# Samples available



### **KENDAL OAK**

99042	15 mm veneered both sides
99242	3 mm veneered on one side

LIME

99063	15 mm veneered both sides
99263	3 mm veneered on one side



# INTERNAL FIXTURES/FITTINGS

# Samples available



	ORANGE		PEARL GREY	
99064	15 mm veneered both sides	99040	15 mm veneered both sides	
99264	3 mm veneered on one side	 99240	3 mm veneered on one side	

# PISTACHIO

99033	15 mm veneered both sides	99004	15 mm veneered both sides
99233	3 mm veneered on one side	99204	3 mm veneered on one side

**PUNTINELLA** 

# INTERNAL FIXTURES/FITTINGS

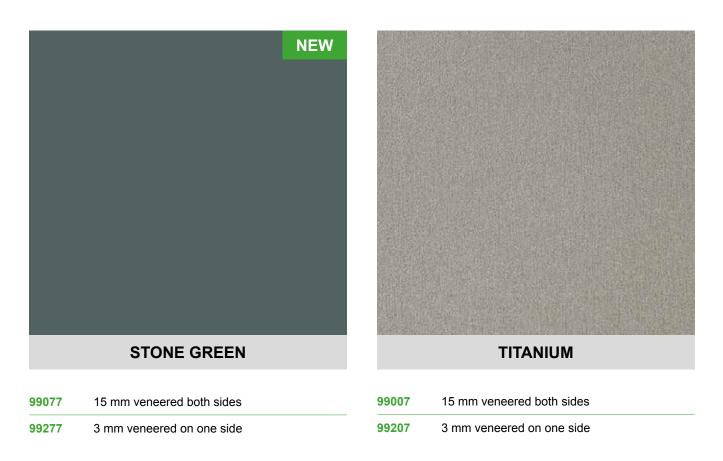
Vöhringer

# Samples available

	SAND BEIGE	
	SAND BEIGE	SAND ZEBRANU
99082	15 mm veneered both sides	99021 15 mm veneered both sides

99282	3 mm veneered on one side

99021	15 mm veneered both sides
99221	3 mm veneered on one side



# INTERNAL FIXTURES/FITTINGS

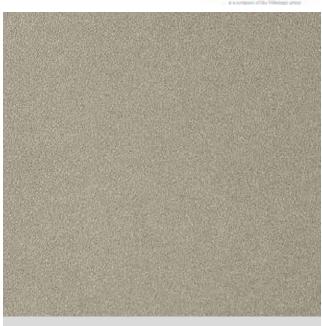
Vöhringer

# Samples available

 NEW

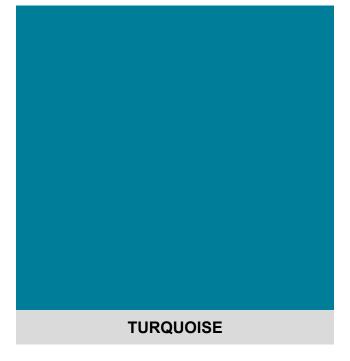
# **TRUFFLE BROWN**

99079	15 mm veneered both sides
99279	3 mm veneered on one side



# **QUARTZ GREY**

99074	15 mm veneered both sides
99074	3 mm veneered on one side



<b>99065</b> 15 mm veneered both sides
--

99265 3 mm veneered on one side

# CONTACT US FOR A SAMPLE PACK



As colours may differ from the colour charts, we can supply sample packs or individual samples for exact colour match.

Please contact our sales team on 01963 824792



→ a company of the Vöhringer group









# INTERNAL FIXTURES/FITTINGS

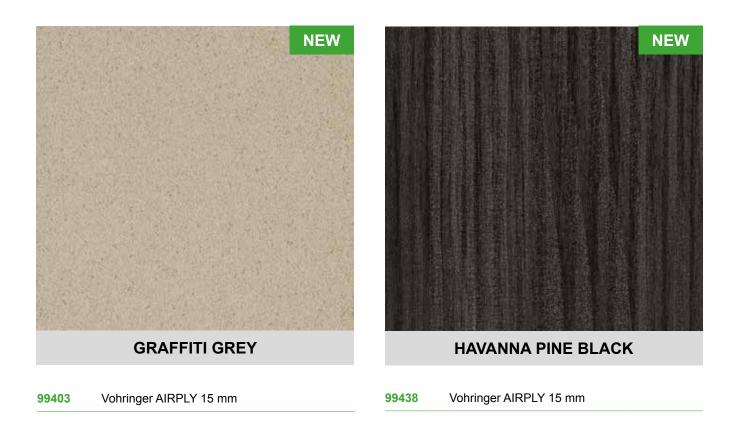


# INTERNAL FIXTURES/FITTINGS

Vöhringer

# Samples available

NEW	
CREAM WHITE	DRIFTWOOD
99460 Vohringer AIRPLY 15 mm	99419 Vohringer AIRPLY 15 mm



# **VÖHRINGER AIRPLY**

# **INTERNAL FIXTURES/FITTINGS**

Vöhringer

Samples available



**HAVANNA PINE WHITE** 

		NEW
LIGHT G	REY	

99437 Vohringer AIRPLY 15 mm 99432 Vohringer AIRPLY 15 mm



# INTERNAL FIXTURES/FITTINGS

# NEW NEW PEARL GREY PISTACHIO 9940 Vohringer AIRPLY 15 mm



# VÖHRINGER V-FLEX

# INTERNAL FIXTURES/FITTINGS



VOHRINGER V-FLEX





Please note : Not suitable for floors



NEW

DARK GREY/LIGHT OAK

V-Flex these flexible panels are made from compacted raw/coated on one side PES/CoPES fleece material. They are breathable, absorbant and release moisture as well as have a sound-absorbing effect.

Normal Overall Size : 2400 x 605 x 9 mm

Made up of V-Flex which is 3 mm thick, strips are made from poplar plywood strips with covering (6 mm thick). Total thickness 9 mm.

Panels can be joined together so that they can be extended to fit the ceiling surface of vehicle.

Please note : Not suitable for floors.

- 97000 Dark Grey Panel/Light Oak Strips
- 97100 Dark Grey Panel/Bamboo Strips



### TREND BEARING

Trend B260 bearing 26 mm Ø  $\frac{1}{4}$ " bore. Bearings are shielded to prevent penetration of dust and grease packed for life. To suit Trend router cutters.

60025





### TREND ARBOR

Trend 33/60X1/4 arbor 33/60 for  $\frac{1}{4}$ " bore tools. Standard duty arbor with  $\frac{1}{4}$ " spindle and spacers. Enables mounting of  $\frac{1}{4}$ " bore slotters with and without bearings in a variety of positions.

60024





### TREND SLOTTER

Trend SL/E slotter 2.0 mm kerf <sup>1</sup>/<sub>4</sub>" bore. Requires an arbor (60024) and bearing (60025). All slotters are precision made in TCT grade for long life when cutting the most abrasive materials. For Estorfer trim.

60023





### TREND CUTTER



Trend C004X1/4TC two flute cutter 5 mm Ø. Suitable for a wide range of applications, such as engraving, grooving, rebating and shallow mortising.

60021



### QUICK RATCHET CLAMP

Quick ratchet clamp to 300 mm.

# **EDGING & TRIM**

Black

Silver

# INTERNAL FIXTURES/FITTINGS

EDGE BANDING

100 m roll

60410

60411

NEW

### ALUMINIUM CORNER PROFILES

Aluminium corner profiles for 15 mm board. 2.05 m Length.

ALUM	24.3 mm radius	ACK			
60120	24.3 mm radius	Dark Grey			
60118	24.3 mm radius	Black			
60119	10 mm radius	Aluminium	24.3 mm radius		10 mm radius
		END CAPS			
		Diantia and cor	an designed to fit on the end of the	60510	End cap for 60110
			os designed to fit on the end of the ner profiles. Pack of 10.	60519	End cap for 60119

### **OVVO CONNECTORS**

Award winning connectors that make furniture assembly easy. Cleverly engineered connectors are installed during the manufacturing process of your units so that the end-user (or manufacturer) can click-togehter furniture without tools, glue or screws. The result is more accessible, sustainable product that saves on effort, time, money and wastage for both consmer and manufacturers. Ideal for use with Vohringer Ply & Vohringer AirPly. Simple : Push \*\*\* Click \*\*\* Connect.

Supplied as follows:-

 Starter kit : 200 x plastic connectors plus 1 x manual inserter.

 or

 Bag of 1000 plastic connectors.

 60602
 Starter Kit

 60604
 Bag of 1000 Connectors

 60601
 Solo Cutter

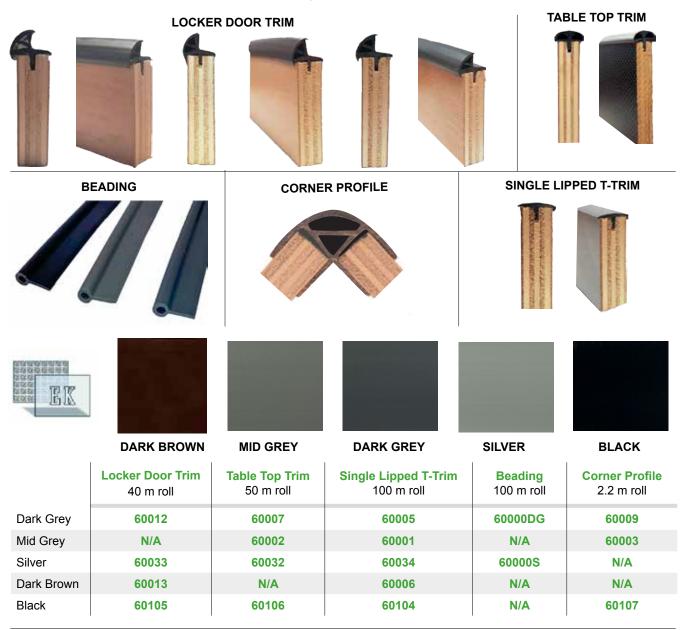
 60603
 Manual Inserter



**NEW** 

### **EDGING & TRIMS**

Estorfer edging and trims are flexible, robust and durable. We stock a large choice of trims, including single lipped T-trim, locker door trim, table top trim, beading and corner profiles. All available in a choice of colours. Sold by the roll with the exception of the corner profile, which is sold in 2.2 m lengths.



### **VOHRINGER AIRPLY CONNECTOR**

This connector has been designed by Vohringer to be used when manufacturing furniture from Vohringer AirPly. Material : Plastic Colour : Black Bag of 10 Connectors

60130





**NEW** 

# TABLE HARDWARE

# FIAMMA







### TABLE LEG CLIP

Black powder coated metal clip for holding table legs securely when table not in use.

### 30061

### FOLDING TRIPOD

Strong black plastic Fiamma tripod designed for use with Fiamma Tube Pro table leg, enabling the table to be used outside of the vehicle.

30070

Table Leg 700 mm
Recessed Table Leg Connector
Conic Table Connector
Cap for Recessed Table Leg

### **BUDGET TABLE LEG SET**



Budget table leg set includes: Base connector Table top connector Table leg (700 mm length) Supplied packed.

90065S



Ribbed aluminium cranked table leg kit. Comes with 1 x table leg and 2 x clamps. Leg Height: 710 mm. Leg height with bracket: 715 mm. Leg arm length: 400-405 mm. Bracket size:  $130 \times 95 \times 45 \text{ mm}$  (L x W x H).

Table leg with 2 clamps.

Spare/extra clamp

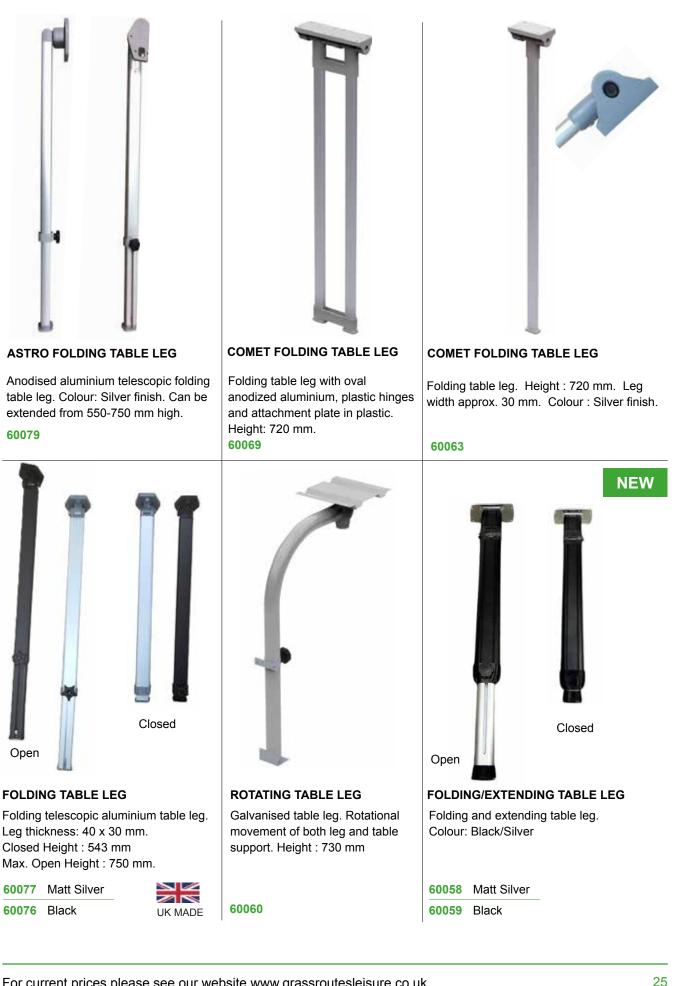


30064 30060 UNIAL SOURCE SUBJECT OF SUBJECT

60045	Conic End
60046	Base
60048	Table Leg Ø 55 mm x 700 mm
60047	Cap for base

# **TABLE HARDWARE**

# **INTERNAL FIXTURES/FITTINGS**



# **TABLE HARDWARE**

# **INTERNAL FIXTURES/FITTINGS**

NEW	
FOLDING TABLE LEG	TABLE RAIL
Folding table leg available in two finishes. Length : 720 mm.	Table rail including connectors. Additional brackets available to make bed frame.
	60026 Rail Matt Silver - Bed Bracket 60036
60020 Anodised 60022 Black	60027 Rail : Black - Bed Bracket 60037
PIN SLIDING TABLE RAIL SYSTEM	MITO WALL MOUNTED TABLE RAIL
Sliding table rail system for demountable table. Stainless steel rail length: 900 mm – can be cut to size. Colour: Matt Silver with grey plastic ends/fittings. For use with folding table legs.	Mito wall mounted sliding table rail. Sliding connection kit for tables in anodized aluminium and plastic components. Length: 1000 mm including cap ends.
60030	60096

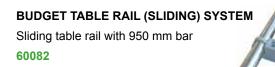
### 60030



**PIN SLIDING TABLE RAIL SYSTEM** & COMET TABLE LEG SET

Make savings when buying this set. Set comprises of 1 x 60063 folding table leg and 1 x 60030 sliding table rail system with premium stainless steel rail.

60030S



### **BUDGET TABLE RAIL SYSTEM &** TABLE LEG SET

Includes 1 x 60082 and 1 x 60063

60082S

### TABLE TOP STORAGE SOLUTION

Bracket set for storing table tops when not in use or in transit.





# FURNITURE HARDWARE

# **INTERNAL FIXTURES/FITTINGS**



### ACCURIDE RUNNER

Heavy duty, general purpose runner (pair). Hold-in feature holds the closed drawer in. 32 mm drilling pattern. Bright zinc plated steel. Sold in pairs.

90015	500 mm closed/524 mm open	to 140 kg	
90010	700 mm closed/733 mm open	to 90 kg	



### **BUTT HINGE : 50 MM**

Zinc plated steel butt hinge with fixed pin. Sold individually. For inset doors. Size: 50 x 23 mm. Available in six powder coated colours or unpainted.

60004	Mid Grey
60014	Dark Grey
60071	Matt Black
60015	Dark Brown
60019	Beige
60065	Silver
60066	Gloss Black
60062	Unpainted



Stainless steel effect. Ideal as vertical cupboard and kitchen door handles. Length:168 mm. Hole Spacing: 128 mm.

90080

TAVISTOCK BOW HANDLE

Aluminium polish chrome effect. Length: 174 mm. Hole Spacing: 160 mm. 90082



### DRAWER RUNNER

**CRANKED HINGE** 

duty applications. Size: 50 mm. Sold individually. Excludes screws.

Base mounting. Single extension. Roller action - both profiles have one plastic roller. 30 kg capacity. Sold in pairs. 32 mm drilling pattern. Epoxy coat steel. Colour: Cream/White finish.

### 90004



60057





### **CRANKED HINGE REIMO TYPE** Powder coated cranked hinge.



Sold in pairs (1 x RH; 1 x LH) Size: 50 x 40 mm.

60016	Mid Grey
60017	Dark Grey
60018	Dark Brown

HARRINGTON D PULL HANDLE Zinc alloy stainless steel effect. Length: 179 mm.

Hole Spacing: 160 mm.

FURNITURF HARDWARF

# **INTERNAL FIXTURES/FITTINGS**

Metal cupboard door stay. Spring loaded.

Opening Size : 140 mm Closed Size 100 mm.

CUPBOARD DOOR STAY



GAS SPRUNG DOOR STRUT Gas sprung door strut and bracket to aid opening and closing of locker doors. Colour: Silver. 227 x 15 mm (L x W)

60085

RH or LH).

90070





**CUPBOARD DOOR STAY** 

loaded cupboard door stay.

Length: 244 mm.

90051

Metal automatic opening spring

**CORNER BRACE** 38 mm zinc plated corner brace.



W4 packed

60070



DOOR STOPS Self-adhesive cupboard door stops. Pack of 12. W4





CUPBOARD DOOR STAY

Automatic Opening Lid Stay (Fits

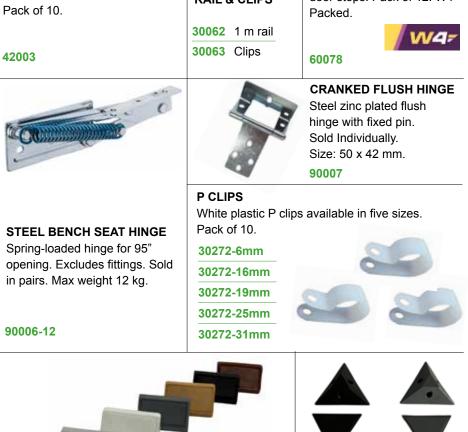
PLASTIC STRUT COVER Size: 150 mm wide x 110 mm high. 35 mm internal depth; 55 mm external lip depth.

60183	Mid Grey
60184	Black

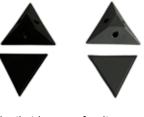


**MODESTY BLOCK** One piece robust plastic modesty knock down block. Available in three colours. Pack of 50.

60074W White 60074B Beiae 60074BL Black



60072W White 60072B Beige **CORNER CONNECTORS** 60072D Dark Brown Robust plastic two piece 60072LG Light Grey corner connector available 60072DG Dark Grey in six colours. Size: 44 mm. Pack of 50. 60072BL Black



Plastic tri-corner furniture joint with lid. **NEW** Pack of 25. 60083 Black

60084 Dark Grev

# **INTERNAL FIXTURES/FITTINGS**



### MINI LOCKING PUSH BUTTON DOOR KNOB SETS

Locking push button door knob set with either Brown or Grey lock. Ideal for cabinets. Size : 15 mm.

The set consists of:- lock, rosette, push button and striking plate.

### **Round Rosette**

90001	Nickel with Brown Lock	C
90001N	Nickel with Grey Lock	
90001CB	Chrome with Brown Lock	
90001CS	Chrome with Grey Lock	
	-	



NEW

90001PK	Nickel with Brown Lock. Box of 10
90001NPK	Nickel with Grey Lock. Box of 10



### MINI LOCKING PUSH BUTTON DOOR KNOB SETS

Black plastic push button locking door knob with grey lock. Ideal for cabinets. Size : 15 mm. Includes: grey lock, Nickel rosette, button & striking plate. Material : Plastic. Colour: Black

90002N Black with Grey Lock

90002NPK Black with Grey Lock : Box of 10

### **BALDACCI LOCKING PUSH BUTTON KNOB SETS**

90020	Rectangular Rosette with Brown Lock
90020N	Rectangular Rosette with Grey Lock





### LOCKING PUSH BUTTON DOOR KNOB SETS

Locking push button door knob set with either Brown or Grey lock. Ideal for cabinets. Size : 22 mm.

The set consists of:- lock, rosette, push button and striking plate.

### Round Rosette

90003	Nickel Rosette with Brown Lock
90003N	Nickel Rosette with Grey Lock
90003PK	Nickel with Brown Lock. Box of 10
90003NPK	Nickel with Grey Lock. Box of 10
Square Ros	sette The setter set
90026	Square Rosette with Brown Lock
90026N	Square Rosette with Grey Lock



Black plastic push button locking door knob set is Black plastic push button locking door knob with grey lock. Ideal for cabinets. Size : 22 mm. Includes: grey lock, nickel rosette, button & striking plate. Material : Plastic. Colour: Black

90005N Black with Grey Lock

90005NPK Black with Grey Lock : Box of 10



NEW

# **INTERNAL FIXTURES/FITTINGS**



### ROUND PUSH BUTTON LOCK

Evolution Round Rosette/Lock Complete consists of:- 1 x Grey Lock; 1 x Grey Lock cover; 1 x Plastic Striking Plate; 1 x Round Push Button Rosette.



### SQUARE PUSH BUTTON LOCK

90036

Evolution Square Rosette/Lock Complete consists of:- 1 x Grey Lock; 1 x Grey Lock cover; 1 x Plastic Striking Plate; 1 x Square Push **Button Rosette** 



### **RECTANGULAR PUSH BUTTON** LOCK

Evolution Rectangular Rosette/Lock Complete consists of:-1 x Grey Lock; 1 x Grey Lock cover; 1 x Plastic Striking Plate; 1 x Rectangular Push Button Rosette

# 90035

### **PRINCESS CATCH**

This durable plastic door catch is ideal for unit doors in the motorhome, horsebox, caravan or camper.

Tolerance of panel thickness 12 mm - 18 mm. Dimensions : Lock Front: 63 x 35 mm

Rear Lock Housing : 62 x 39 mm

Use 3 mm Plas-Tech screw, length determined by board thickness (Screws not supplied)

90040	Gun Metal
90041	Silver
90042	Black
90043	Mid Grey
90044	Satin



90037

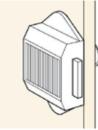
90042



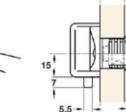
### PUSH BUTTON TOILET DOOR LOCK KIT

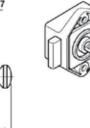
This lock is ideal for toilets or other openings that need to be opened from both sides.

- The kit comprises of:
- 1 x double sided brown lock
- 2 x 1 metre Ø : 0.6 mm profile rods
- 2 x locking bolts; 1 x round nickel rosette 22 mm
- 2 x nickel push buttons; 1 x striking plate











# INTERNAL FIXTURES/FITTINGS



### **BALDACCI PULL LOCK (V1149)**

Baldacci Pull Lock V1149 with Standard Lock. Colour : Painted Aluminium. Ideal for cabinets. Lock Colour : Grey/ Silver. Includes:- Lock, Pin and Screws. 57 x 54 x 21 (W x H x D).

### 90028



### HEAVY DUTY BRASS CATCH

Heavy duty brass catches in various sizes;-

90085	43 mm
90086	49 mm
90087	60 mm
90088	70 mm



**DOOR LOCK: BRASS** Key operated from outside. SNIB from inside. Door thickness: 35-45 mm. Fittings supplied.



**BALDACCI PULL OPEN HANDLE (V269)** Baldacci ABS Locking Pull Open Handle (V269). Colour : Painted Aluminium. Ideal for cabinets. Includes grey lock.

90027



### REPLACEMENT COMPRESSION LOCK

W4 metal replacement compression lock 19 mm.

90068





**DOOR LOCK: SATIN CHROME** Key operated from outside. SNIB from inside. Door thickness: 35-45 mm. Fittings supplied.

90084

# INTERNAL FIXTURES/FITTINGS



METAL TURN-BUCKLE Black. Hole centre: 35 mm. Approx. size: 15 x 60 mm (H x W).W4 Packed.





INTERNAL DOOR CATCH Plastic door catch ideal for internal cupboard doors. Black. Size :100 x 31 mm (W x D).

### 60152



**DOUBLE ROLLER CATCH** Steel roller catch including screws. Size: 28 x 32 x 8 mm (W x H x D). W4 Packed.

90061



MAGNETIC CATCH Brown magnetic catch 45 mm. Retains 6 kg. Pack of 5

42019



VENETA DOOR RETAINER White veneta door retainer. Approx. Size: 40 x 57 mm. W4 Packed.

### 90056



THUMB CATCH Thumb Catch 56 x 40 mm. Chrome. Pack of 2.

# 42015



NYLON DOOR RETAINER W4 white nylond door retainer. W4 packed.

### 90067



**DOUBLE COAT HOOK** Metal coat hook. Approx. Size: 45 x 74 mm. Colour: Matt Silver.

90075



**DOUBLE ROLLER CATCH** Plastic. Pack of two. Colour: Brown. Size: 30 x 30 mm. W4 Packed.

### 90057



19 mm Bales Catch. Brass finish. Pack of 5.

### 42018



Off white plastic pegaline catch. Approx. Size: 12 x 45 mm. W4 Packed.Packed. 90060



# INTERNAL FIXTURES/FITTINGS



ROCKER CATCH Rocker catch : 27 mm. Pack of 20.

### 42022



TWIN ROLLER CATCH Metal roller catch. Pack of 10.

42020



CASE CLIP 40 MM Nickel plated 40 mm case clip. Pack of 5.

42016



CASE CLIP 60 MM Nickel plated 60 mm case clip. Pack of 5.

### 42017



**PEG CATCH** Nylon peg catch. 32 mm. Pack of 10.



### TAMBOUR DOORS

These tambour doors are available in Black, Smoke and Silver. The doors are easy to fit and are supplied with a magnetic catch. They can be mounted vertically or horizontally. Supplied boxed with:

- Made up door with magnetic catch.
- Track & Spirals.
- Durable Adhesive Tape.
- Fitting Instructions.

Colour	Size (W x H)	Product Code
Silver	350 x 650 mm	96000S
Gloss Black	500 x 650 mm	96001BL
Smoke/Bronze	500 x 650 mm	96001M
Silver	500 x 650 mm	96001S
Gloss Black	650 x 650 mm	96002BL
Silver	650 x 650 mm	96002S





SMOKE/BRONZE



SILVER



BLACK





# INTERNAL FIXTURES/FITTINGS

### **CAMPERVAN BED FRAME**

These rear beds should be used in the rear of the base vehicle - placed opposite each other. The top of the beds are fitted with bamboo slats and are hinged, opening up on gas struts to gain access to storage areas. Both are fitted with sliders.



Suitable for vehicles including Ducato, Crafter, Sprinter, Boxer and Relay.

Two sizes available:

Small: Bed size is approx. 120 cm x 184 cm when pulled out.

Large: Bed size is approx. 180 cm x 184 cm when pulled out.

25002	Small
25003	Large

SPORTSCRAF







Make	Model	Year	Safebox	Approved	Made by	Part No	Side	Part No	Side
Mercedes	Sprinter	To 2006	No	TUV	Sportscraft	60124D	Driver	60124P	Passenger
Mercedes	Vito	To 2002	No	TUV	Sportscraft	60133D	Driver	60133P	Passenger
VW	LT35	To 2006	No	TUV	Sportscraft	60124D	Driver	60124P	Passenger
VW	Т5	All	No	TUV	Sportscraft	60127D	Driver	60127P	Passenger
VW	Т6	All	No	TUV	Sportscraft	60127D	Driver	60127P	Passenger



### **ROOF BED MATTRESS**

Removable flame retardant cover with zip down one side for easy removal. Conforms to BS7177:2008 for domestic use : Low Hazard. Compatible for a Reimo roof bed : T5/ T6. Size :  $1800 \times 1110 \times 25 \text{ mm}$  (L x W x D).

### LUTON SAFETY NET

Ideal to secure Luton beds in motorhomes or horseboxes.

Size : 1500 x 580 mm.

30647

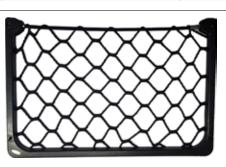
### INTERNAL THERMAL BLINDS

Seven layer thermal blind sets, designed to be installed on the inside of the vehicle. Blinds are secured using supplied suction pads. Includes storage bag.

;

NEW

Product Code	Colour	Pieces
60301	VW T4	3
60302	VW T5/T6	3
60303	VW Caddy	3
60304	Mercedes Sprinter/VW Crafter	3
60305	Mercedes Vito	3
60306	Ducato/Relay/Boxer	3
60307	Ford Custom to 2024	3
60308	Renault Trafic 2004 - 2013	3
60309	Renault Trafic 2014 +	3
60310	VW Crafter 2017+	3
60311	VW T7	3
60312	For Custom 2024+	3



### STORAGE NET

Elasticated storage net. Colour: Black. Size: 300 x 170 mm (W x H).

### 60100



60251	Ford Custom single seat - pair (2018 - 2023)
60253	Auto Custom/T7 2024+ with double passenger seat

60254 Manual Custom/T7 2024+ with double passenger seat



### TITTA LADDER

Internal aluminium ladder with five steps for use inside motorhomes, caravans or horseboxes with bunks or luton.

Size: 1500 x 280 mm (L x W).



SPARE SUCTION PADS

Sold individually. 60142

Extended TITTA FOLDING

Internal aluminium ladder with 5 steps for use inside motor homes, caravans or horseboxes with bunks or luton. Extended Size: 1500 x 280 mm (L x W). Folds down to 750 mm. **30649** 

30645

NEW

### **ADHESIVES**

### **INTERNAL FIXTURES/FITTINGS**

#### WEB TACK

High quality industrial grade adhesive perfectly suited to carpet and thick fabric bonding.

It's super high tack makes it ideal for applying in overhead and vertical operations.

50620	500 ml can
50621	17 kg canister

### See grassroutesleisure.co.uk for data sheets



WEB TACK GUN/HOSE KIT A kit that contains a spray gun and hose kit to

be used for applying web tack canister adhesive

50622



ADHESIVE SEALER

Polyurethane high bond adhesive sealer. Can be painted over.

SPRAY CLEANER

500 ml can.

50625

Solvent based spray cleaner

Size: 310 ml.

30604G Mid Grey 30604B Black







DOUBLE SIDED ADHESIVE TAPE Strong adhesive double sided tape. Size: 5 metre roll.

60102	12 mm
60103	25 mm



### MASTIC SEALING STRIPS

W4 mastic sealing strips are available in three thicknesses 19, 32 or 45 mm and a choice of two colours grey or white. Roll length : 5 metres. Size

19 x 5 mm

32 x 5 mm

45 x 5 mm





Grey

60113

60114

60112 60115

White

60116

60117



AMI

Cascamite powdered resin wood glue only needs mixing with water to make it ready for use. Can be used for many wood working applications including veneering, laminating and assembly.

NEW
-----

50630	125 g
50631	250 g
50632	500 g
50633	1.5 kg

### LINING CARPET

### **INTERNAL FIXTURES/FITTINGS**



Superflex is a high quality super flexible non-woven product suitable to fit any shapes and surfaces. Due to the unique 4-way stretch formula Superflex is quick and easy to install. Superflex is a safe solution which meets the highest possible flamability rating Bfl-s1.

- **O SUPER FLEXIBLE 4 WAY STRETCH**
- ULTRA STRONG
- SUITABLE FOR ALL SURFACES
- SOUND ABSORBING
- EASY TO MOULD
- MADE WITH RECYCLED MATERIAL
- ROLL WIDTH 2.06 METRES
- **40 METRE LENGTH ROLLS AS STANDARD** - other lengths are often available

- SAFE SOLUTION
- HIGH QUALITY MADE IN EUROPE
- ANTI-STATIC
- EASY TO CLEAN
- COLOURFAST
- FIRE RESISTANT Bfl-s1
- COMPETITIVELY PRICED - bulk discounts available



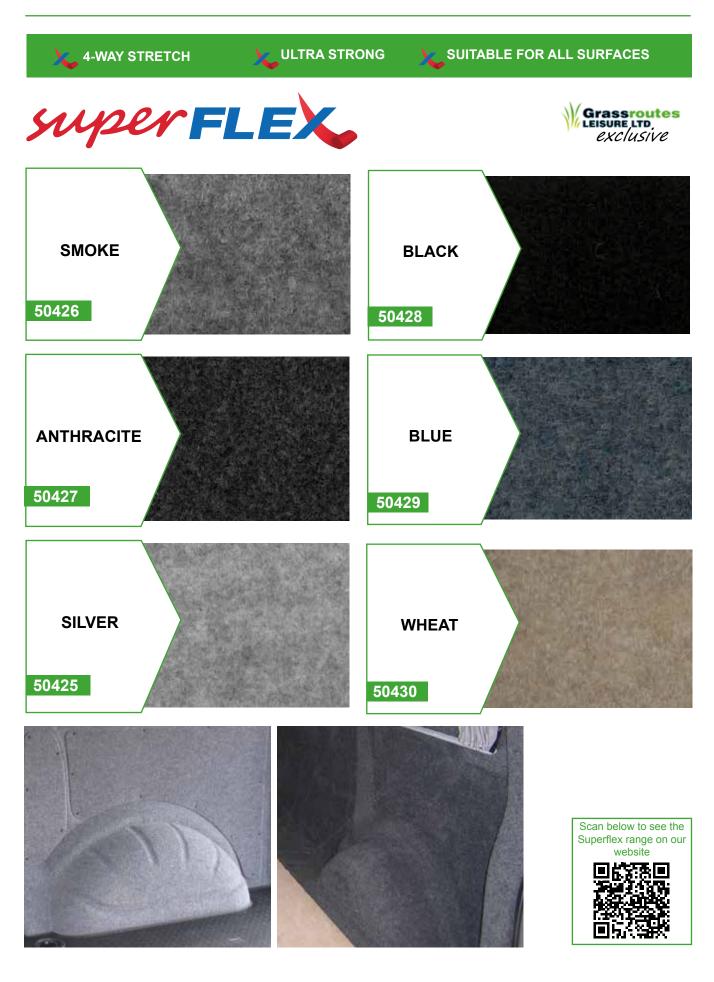


J CONSTRAINT
COLONN TAST

Manufacturing process	Needlefelt
Surface Aspect	Dilour
Width	206 cm, 137 cm
Backing	XX
Fibre Composition	100% PES
Total fibre weight of use surface	300 gr/m <sup>2</sup>
Total Weight	300 gr/m <sup>2</sup>
Total Height	4.4 mm
Colour Fastness to Light	≥ 5
Colour Fastness to Rubbing, wet &Dry	≥ 4
Colour Fastness to Water	≥ 4
Electrostatic Charging	< 2kV
Impact Sound Protection ▲LW	10 dB
Acoustical Sound Absorption αS	Hz 125 250 500 1000
	αW 0.01 0.04 0.08 0.14
Evaluated Sound Absorptions Grade $\alpha W$	0.15
Flammability	Bfl-s1

### LINING CARPET

### INTERNAL FIXTURES/FITTINGS



### **CURTAINS**

### **INTERNAL FIXTURES/FITTINGS**



Ready made blackout curtains suitable for a variety of leisure vehicles.



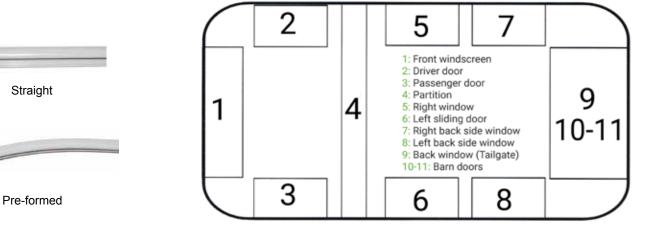


Blackout curtain features include:-

- Curtains are made from flexible jersey material.
- Curtain colour: black one side and grey the other side, with the exception of the cab partition 60215 which is Grey/Grey.
- Curtains can be fitted either way around.
- Track is made from powder coated aluminium.
- Available with straight (unformed) or pre-formed track.

Track colour: Matt Silver.

All curtains are supplied with poppers, tie backs, end stops and fitting screws.



### SPARE POPPERS

Spare poppers for curtains. Bag of 5. W4 Packed.





POPPER CLOSING TOOL

60230

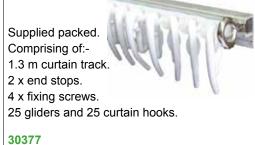
### **CURTAIN CLIPS**

Curtain/table cloth clips. Pack of 4. W4 Packed.



90066

### SILENT GLISS CURTAIN TRACK SET



60231

### CURTAINS

### INTERNAL FIXTURES/FITTINGS

To Fit Vehicle	WB	Curtain Information	Colour	Fit Windows	Part No
VW T4/T5/T6/Mercedes Vito		Individual curtain set unformed side windows	Black/grey	5/6/7 & 8	60203
VW T4/T5/T6/Mercedes Vito		Individual curtain unformed for tailgate	Black/grey	9	60204
VW T5/T6	SWB	Curtain set with preformed track	Black/grey	5/6/7/8 & 9	60205
VW T5/T6	LWB	Curtain set with preformed track	Black/grey	5/6/7/8 & 9	60206
VW T4	LWB	5 curtain set with preformed track	Black/grey	5/6/7/8 & 9	60207
Mercedes Vito 2004 - 2015	MWB	5 curtain set with preformed track	Black/grey	5/6/7/8 & 9	60208
Renault Trafic/Vauxhall Vivaro	LWB	5 curtain set with preformed track (tailgate)	Black/grey	5/6/7/8 & 9	60209
Renault Trafic/Vauxhall Vivaro	SWB	5 curtain set with preformed track (tailgate)	Black/grey	5/6/7/8 & 9	60210
VW T5/T6	SWB	6 curtain set with preformed track (barn doors)	Black/grey	5/6/7/8/10 & 11	60211
VW T5/T6	LWB	6 curtain set with preformed track (barn doors)	Black/grey	5/6/7/8/10 & 11	60212
VW T5/T6		2 curtain set with preformed track for barn doors	Black/grey	10 & 11	60214
VW T5/T6		1 curtain set with straight rail for cab partition	Grey/grey	4	60215
VW T5/T6		4 curtain set with preformed track for barn doors	Black/grey	5/6/10 & 11	60216
VW T5/T6		3 curtain set with preformed track with tailgate	Black/grey	5/6 & 9	60217
VW T5/T6		1 curtain set with preformed track for tailgate	Black/grey	9	60218
VW Caddy		1 curtain set with preformed track for LH sliding door	Black/grey	6	60219
VW Caddy		1 curtain set with preformed track for RH front side	Black/grey	5	60220
VW Caddy	SWB	1 curtain set with preformed track for RH rear side	Black/grey	7	60221
VW Caddy	SWB	1 curtain set with preformed track for LH rear side	Black/grey	8	60222
VW Caddy		1 curtain set with preformed track for tailgate	Black/grey	9	60223
VW Caddy		2 curtain set with preformed track for barn doors	Black/grey	10 & 11	60224
Mercedes Sprinter		1 curtain set with preformed track for LH sliding door	Black/grey	6	60225
Mercedes Sprinter		1 curtain set with preformed track for RH front	Black/grey	5	60226
Mercedes Sprinter	LWB	1 curtain set with preformed track for RH rear side	Black/grey	7	60227
Mercedes Sprinter		1 curtain set with preformed track for LH rear side	Black/grey	8	60228
Mercedes Sprinter		2 curtain set with preformed track for barn doors	Black/grey	10 & 11	60229
Renault Trafic/Vauxhall Vivaro	SWB	5 curtain set with preformed track (barn doors)	Black/grey	5/6/7/8/10 & 11	60232
Ford Tourneo	SWB	4 curtain set with preformed track & n/s & o/s sliding doors	Black/grey	5/6/7 & 8	60235
Ford Tourneo	LWB	4 curtain set with preformed track & n/s & o/s sliding doors	Black/grey	5/6/7 & 8	60235L
Ford Custom	SWB	4 curtain set with preformed track with LH sliding door	Black/grey	5/6/7 & 8	60236
Ford Custom/Tourneo	SWB	1 curtain set with preformed track for tailgate	Black/grey	9	60237
Ford Custom/Tourneo	SWB	2 curtain set with preformed track for barn doors	Black/grey	10 & 11 (barn doors)	60238
Renault Traffic 2014 onwards	SWB	Curtain set with preformed curtain track, fixings & tie backs	Black/grey	5/6/7/8/9 (tailgate)	60239
Renault Traffic 2014 onwards	SWB	Curtain set with preformed curtain track, fixings & tie backs	Black/grey	5/6/7/8/10 & 11	60240
VW T7	SWB	5 curtain set with preformed track (tailgate) backs	Black/grey	5/6/7/8 & 9	60261
VW T7	SWB	6 curtain set with preformed track (barn doors) backs	Black/grey	5/6/7/8/10& 11	60262
VW T7	LWB	5 curtain set with preformed track (tailgate) backs	Black/grey	5/6/7/8 & 9	60263
VW T7	LWB	6 curtain set with preformed track (barn doors) backs	Black/grey	5/6/7/8/10 & 11	60264
Ford Tourneo (with trim) 2024+	SWB	5 curtain set with preformed track (tailgate) backs	Black/grey	5/6/7/8 & 9	60265
Ford Tourneo (with trim) 2024+	SWB	6 curtain set with preformed track (barn doors) backs	Black/grey	5/6/7/8/10 & 11	60266
Ford Custom (with trim) 2024+	LWB	5 curtain set with preformed track (tailgate) backs	Black/grey	5/6/7/8 & 9	60267
Ford Custom (with trim) 2024+	LWB	6 curtain set with preformed track (barn doors) backs	Black/grey	5/6/7/8/10 & 11	60268
Ford Custom (w/o trim) 2024+	SWB	5 curtain set with preformed track (tailgate) backs	Black/grey	5/6/7/8 & 9	60269
Ford Custom (w/o trim) 2024+	SWB	6 curtain set with preformed track (barn doors) backs	Black/grey	5/6/7/8/10 & 11	60270
Ford Custom (w/o trim) 2024+	LWB	5 curtain set with preformed track (tailgate) backs	Black/grey	5/6/7/8 & 9	60271
Ford Custom (w/o trim) 2024+	LWB	6 curtain set with preformed track (barn doors) backs	Black/grey	5/6/7/8/10 & 11	60272

### TACK LOCKER FITTINGS

### **INTERNAL FIXTURES/FITTINGS**





### STUBBS DETACHABLE SADDLE RACKS

Detachable metal saddle racks. Plastic coated in Black. Available in the following configurations:

50003	Stubbs 2 tier saddle rack
50004	Stubbs 3 tier saddle rack
50005	Stubbs 4 tier saddle rack







UK MADE

### STUBBS BRIDLE RACK

A metal plastic coated bridle rack. Colour: Black.

50001





### **TIE RING**

50006

High impact plastic surround with steel zinc plated ring. Pull strength: 650 kg.

50201



# Depth: 70 mm.





Metal luggage rack plastic coated in Black. Size: 370 x 60 x 300 mm (W x H x D).

50014

Weight: 3.35 kg.



**STUBBS HOOKS** 

Metal hooks. Plastic coated in Black. Pack of 5.

50019



UK MADE



#### KIDDE SMOKE/CO ALARM

The Kidde 10SCO is a battery operated combination alarm offering protection from the dangers of both smoke and carbon monoxide in a single unit for added convenience.

30662 10SCO





### **KIDDE CO ALARM**

The Kidde 7CO alarm protects against the dangers of deadly carbon monoxide levels and provides continuous monitor of CO levels.

30663 K7CO



10 YEAR

WARRANTY

10 YEAR WARRANTY





#### **FIRE EXTINGUISHER 600 G**

The Jactone 600 g BC powder aerosol extinguisher is Kite mark certified to BS6165. The stored pressure aerosol extinguisher is suitable for use on class B and C fires, meaning that it's ideally suited for domestic and leisure use. Mounting bracket included.

30627



### FIRE EXTINGUISHER 950 G

The Jactone 950 g BC powder aerosol extinguisher is Kite mark certified to BS6165. The stored pressure powder aerosol extinguisher is suitable for use on class B and C fires, meaning that it's ideal for domestic & leisure use. Mounting bracket included.

30628 Red

30636 Silver

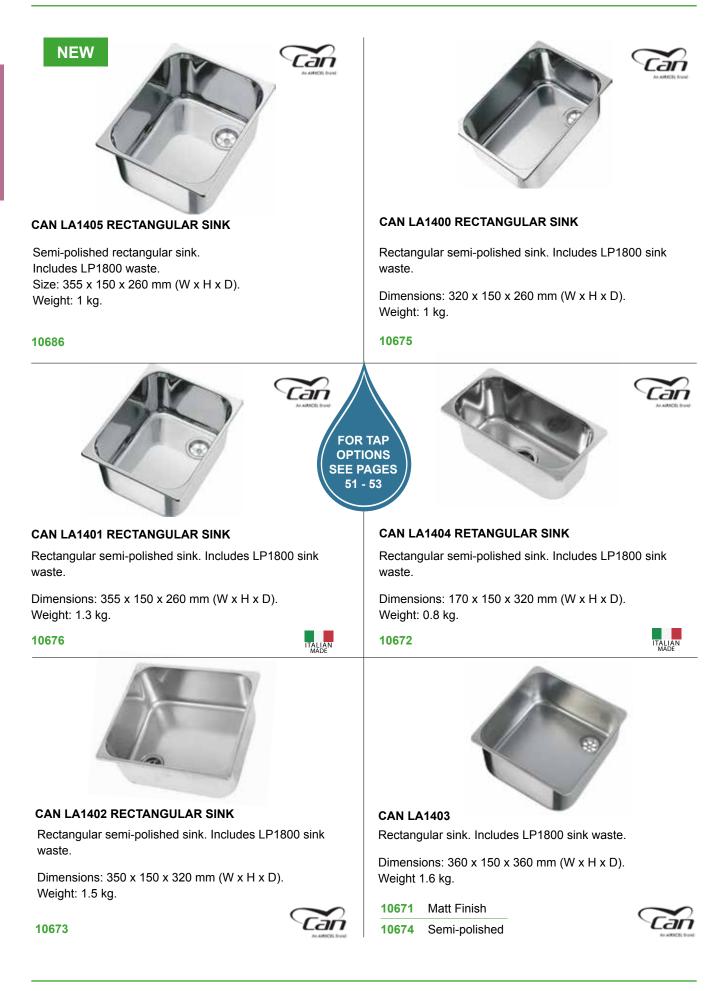


### **FIRE EXTINGUISHER 1 KG**

This high-performance 1 kg fire extinguisher has a built-in content gauge. It is suitable for all types of fire. Light for its capacity with high corrosion resistance. Includes mounting bracket.

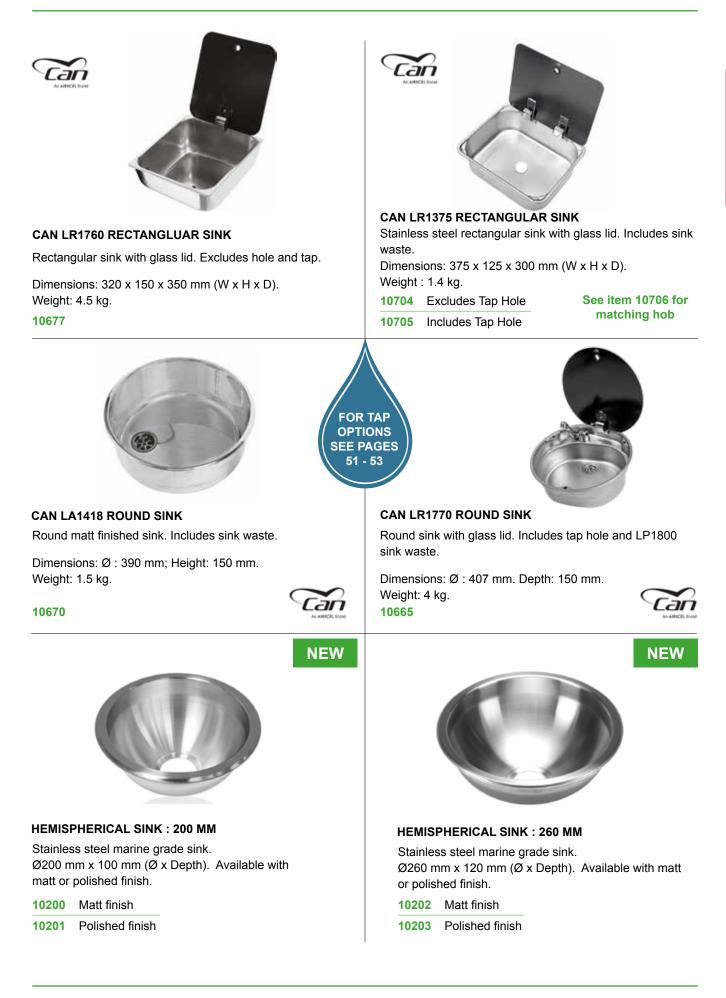
30629

### SINKS



### SINKS

### **KITCHEN APPLIANCES**



### SINKS

### **KITCHEN APPLIANCES**



#### DOMETIC VA910

10070

Square stainless steel sink. Includes seal & sink waste.

Dimensions: 370 x 125 x 370 mm (W x H x D). Weight : 1 kg.



DOMETIC VA928 Round stainless steel sink. Includes seal & sink waste.

Dimensions:  $\emptyset$  : 400 mm; Height: 130 mm. Colour: Inox. Weight: 1 kg.

10071

### ∧> DOMETIC



FOR TAP OPTIONS SEE PAGES 51 - 53

AND DOMETIC

See item 10025 for matching hob

#### DOMETIC VA930

Rectangular stainless steel sink. Includes seal & sink waste.

Dimensions: 280 x 145 x 380 mm (W x H x D). Weight: 1 kg.

10076



#### DOMETIC VA8005

Stainles steel flush fitting sink with heat resistant safety glass lid. Includes Seal, sink waste & tap hole.

Dimensions: 410 x 146.5 x 370 mm (W x H x D). Colour: Inox. Weight: 2.7 kg.

10024

### ∧> DOMETIC

### SINK/HOB COMBINATIONS

### **KITCHEN APPLIANCES**



### CAN LC1701 FOLDY HOB/SINK COMBINATION

Stainless steel round single burner hob/sink combination that folds-open. Electronic ignition. Includes waste & 27 mm tap hole. Excludes tap. Dimensions : Ø340 mm; Height: 170 mm closed.

Open: 680 x 340 x 280 mm; Height: 170 mm closed. Colour : Matt Silver; Weight: 5 kg.





#### CAN FL1323GP - SINGLE HOB/SINK COMBINATION

Designed to be built into (or mounted under) the counter top. Piezo ignition. Includes tap hole, sink waste & seal. Excludes Tap. No lid is required. Unique design enabling this unit to be fitted with the sink either on the right hand or left hand side.

Dimensions : 530 x 150 x 340 (W x H x D) Colour: Matt Silver; Weight: 3.2 kg 10640





#### CAN FL1323/FL1324 SINGLE HOB/SINK COMBINATION

Stainless steel combination with one burner hob. Availabe with right hand or left hand sink. Fitted with single tempered glass lid. Includes tap hole, sink waste & seal. Excludes tap. Piezo ignition. Dimensions: 530 x 150 x 340 (W x H x D) 10657 FL1323 : RH S

Colour : Matt Silver Weight : 4.5 kg

10615

 10657
 FL1323 : RH Sink

 10656
 FL1324 : LH Sink



#### CAN FL1400/FL1410 TWO BURNER HOB/SINK COMBINATION

Stainless steel combination with two burner hob. Available with right hand or left hand sink. Fitted with single tempered<br/>glass lid. Includes tap hole, sink waste & seal. Excludes tap. Piezo ignition.Dimensions: 716 x 150 x 340 (W x H x D)10661 FL1410 : LH S

Colour : Matt Silver Weight : 5 kg 
 10661
 FL1410 : LH Sink

 10660
 FL1400 : LH Sink

### SINK/HOB COMBINATIONS





### CAN FL1401/1402 HOB/SINK COMBINATION WITH TWIN GLASS LIDS

Stainless steel 2 burner hob/sink combination available with right hand or left hand sink. Fitted with TWIN smoked glass lids. Peizo ignition. Includes tap hole, sink waste & seal. Excludes tap.

àή

Dimensions : 716 x 150 x 340 mm (W x H x D) Colour : Matt Silver. Weight: 5 kg.



### CAN FL1780/FL1770 HOB/SINK COMBINATION WITH SINGLE GLASS LID

Stainless steel 2 burner hob/sink combination available with right hand or left hand sink. Fitted with SINGLE tempered glass lid. Includes tap hole, sink waste & seal. Excludes tap. Piezo ignition.

Dimensions: 765 x 150 x 355 mm (W x H x D) Colour: Matt Silver. Weight: 6 kg. 
 10680RH
 FL1770 : RH Sink

 10680LH
 FL1780 : LH Sink



### CAN FL1765/FL1766 HOB/SINK COMBINATION WITH TWIN GLASS LIDS

Stainless steel two burner hob/sink combination avialable with right hand or left hand sink. Fitted with TWIN tempered glass lids. Includes tap hole, sink waste & seal. Excludes tap. Piezo ignition. Dimensions: 765 x 150 x 355 mm (W x H x D) Colour: Matt Silver. Weight: 6 kg. **10699RH** FL1765 : RH Sink

10699LH FL1766 : LH Sink

### CANFL1401GP - TWO BURNER HOB/SINK COMBINATION

No lid required



**CANFL1323GP - ONE BURNER HOB/SINK COMBINATION** 

### FEATURES INCLUDE:-

Designed especially to be built into (or mounted under) the counter top. Includes tap hole, sink waste and seal. Excludes tap. Piezo ignition.

No glass lid required.

Features include:-

- Unique design enabling this unit to be fitted with the sink on the right hand side or the left hand side.
- Saves in stocking costs as you only have to stock one version for both installation options.
- · Competively priced.
- Offers one of the most cost effect sink/hob combinations units on the market.
- High quality made in Italy.

10640FL1323GPOne Burner Hob/Sink

10645 FL1401GP Two Burner Hob/Sink

### SINK/HOB COMBINATION UNITS

### **KITCHEN APPLIANCES**





### DOMETIC MO9222

Two burner hob/sink combination available with either right hand or left hand sink that features twin glass lids and Piezo ignition,

Includes tap hole and sink waste. Excludes tap. Dimensions: 900 x 152 x 370 mm (W x H x D) Colour: Inox. Weight: 5.8 kg

 10110LH
 MO9222 LH Sink

 10110RH
 MO9222 RH Sink



### DOMETIC MO9722

A compact stainless steel two burner hob with either right hand or left hand sink and fitted with twin glass lids. Includes tap hole, sink waste, fitting kit and seal. Piezo ignition.

Dimensions: 760 x 178 x 325 mm (W x H x D). Weight: 6 kg. Colour: Inox.

### **◇ DOMETIC**





10115LH

10115RH

#### **NEW DOMETIC CVC1700G**

A compact stainless steel two burner hob with either right hand or left hand sink and fitted with twin glass lids. Includes tap hole, sink waste, fitting kit and seal.

Dimensions: 700 x 170 x 350 mm (W x H x D). Weight: 7.9 kg. Colour: Inox.

 10122
 CVC1700G LH Sink

 10123
 CVC1700G RH Sink

MO9722 LH Sink

MO9722 RH Sink

### COMET FLORENZ TAPS

Single lever **FOLD-DOWN** plastic tap with spray outlet with cermanic cartridges and micro switch. The lever allows you to regulate temperature and water flow. Suitable for Smev and Dometic sinks and combination units, as well as some CAN units. Suitable for use with flow pumps. 33 mm mounting hole. Available in three options in either chrome or black.



#### COMET FLORENZ SINGLE LEVER TAP

This version is supplied unpacked (in a plastic bag). It supplies cold only and has a flexible hose end with a barbed connector. Supplied with standard fittings.

70004C CHROME : Cold Only. Unpacked

### COMET FLORENZ KOMPAKT SINGLE LEVER TAP

This version is supplied unpacked (in a plastic bag). It supplies cold only and has a flexible hose end with a barbed connector. Supplied with standard fittings.

70006 SATIN BLACK : Cold Only. Unpacked





This version is supplied packed with header card. This coldonly version has a flexible hose with push-fit (John Guest) connectors. Supplied with a selection of connections.

70004CPK CHROME : Cold Only. Packed.

#### COMET FLORENZ KOMPAKT SINGLE LEVER TAP

This version is supplied packed with header card. This coldonly version has a flexible hose with push-fit (John Guest) connectors. Supplied with a selection of connections.

70007 SATIN BLACK : Cold Only. Packed.





NEW

#### COMET FLORENZ SINGLE LEVER MIXER TAP

This version is supplied packed with header card. It has flexible hose ends for both hot and cold water with push-fit (John Guest) connectors (see picture). Supplied with a selection of connections.

70004PK CHROME : Hot & Cold. Packed.

### COMET FLORENZ KOMPAKT SINGLE LEVER TAP

This version is supplied packed with header card. It has flexible hose ends for both hot and cold water with push-fit (John Guest) connectors (see picture). Supplied with a selection of connections.

70009 SATIN BLACK : Hot & Cold. Packed.



#### COMET FOLD DOWN ARONA TAP : BLACK/CHROME

For use with CAN sinks and sink/hob combinations. Fold down plastic tap available in cold or hot & cold options. Black/Chrome single lever single and mixer tap with rotatable spout. With micro switch.

#### **COLD ONLY VERSION:-**

Mounting hole: Ø : 22 mm Width : 98 mm Height : 130 mm

70022 Black/Chrome

#### HOT & COLD VERSION:-

Suitable for hot water up to 1.5 bar. Mounting hole: Ø : 27 mm Width : 98 mm Height : 130 mm

70025 Black/Chrome



#### COMET ARONA FOLD DOWN TAP : ALL BLACK

For use with CAN sinks and sink/hob combinations. Fold down plastic tap available in cold or hot & cold options. Black single lever single and mixer tap with rotatable spout. With micro switch.

#### **COLD ONLY VERSION:-**

Mounting hole: Ø : 22 mm Width : 98 mm Height : 130 mm

70028 All Black

#### HOT & COLD VERSION:-

Suitable for hot water up to 1.5 bar. Mounting hole:  $\emptyset$  : 27 mm Width : 98 mm Height : 130 mm

70029 All Black

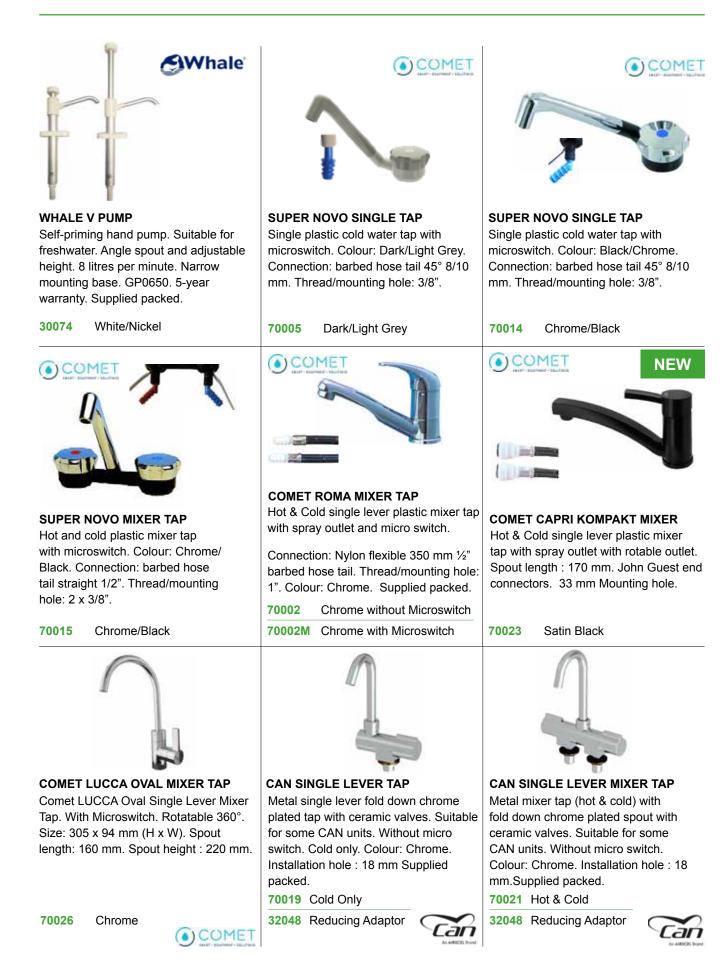






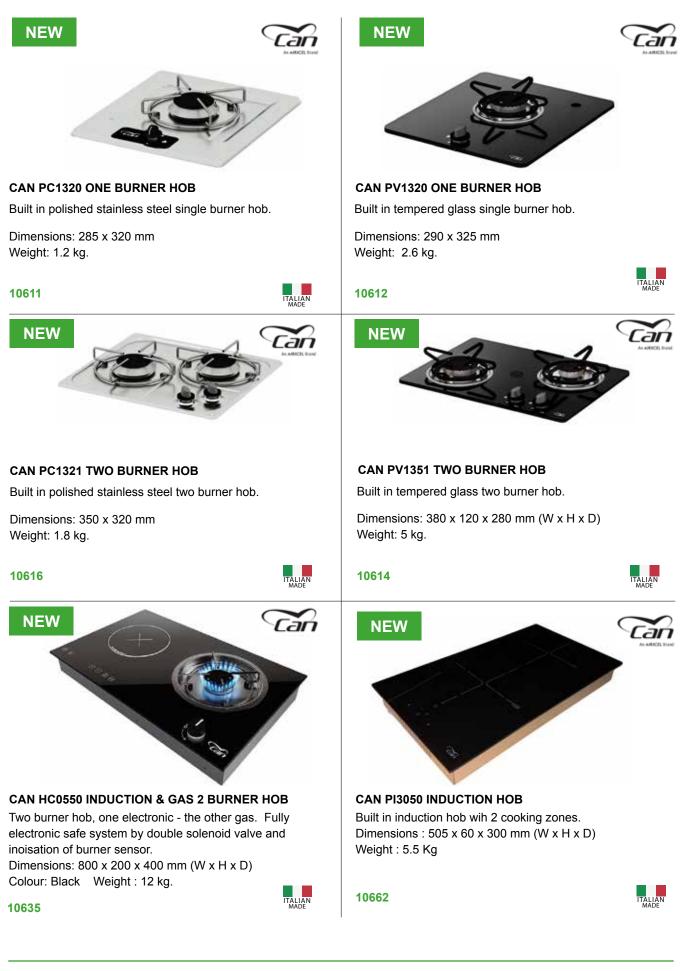
COMET

### **KITCHEN ACCESSORIES**



### HOBS

### **KITCHEN APPLIANCES**



### HOBS



### CAN FC1343

Stainless steel triangular three-burner gas hob with the lid fitted to the left hand. Electronic ignition.

Dimensions: 480 x 90 x 480 mm (W x H x D). Colour: Matt Silver. Weight: 5.5 kg.

10650





### CAN FC1344

Stainless steel triangular three-burner gas hob with the lid fitted to the right hand. Electronic ignition.

Dimensions: 480 x 90 x 480 mm (W x H x D). Colour: Matt Silver. Weight: 5.5 kg.

10651





### CAN FC1345

Round single burner hob with tempered smoked glass lid and electronic ignition. Size: Ø : 340 mm. Height: 80 mm. Colour: Matt Silver. Weight: 2.13 kg.

10617



10 CAN FC1346-E

See item 10704 or 10705 for matching sink

Two-burner hob with glass lid with electronic ignition

Size : 460 x 78 x 335 mm (W x H x D). Weight: 4.5 kg.

10706





See item 10024 for matching sink

### DOMETIC PI8022

Stainless steel flush-fitting twoburner hob with heat-resistant safety glass lid and electronic ignition.

Size: 80 x 90 x 370 mm (WxHx D). Colour: Inox. Weight: 4.3 kg.





### **INDUCTION HOBS**

### **KITCHEN APPLIANCES**

### NEW



### CAN PTS121 PORTABLE SINGLE INDUCTION HOB

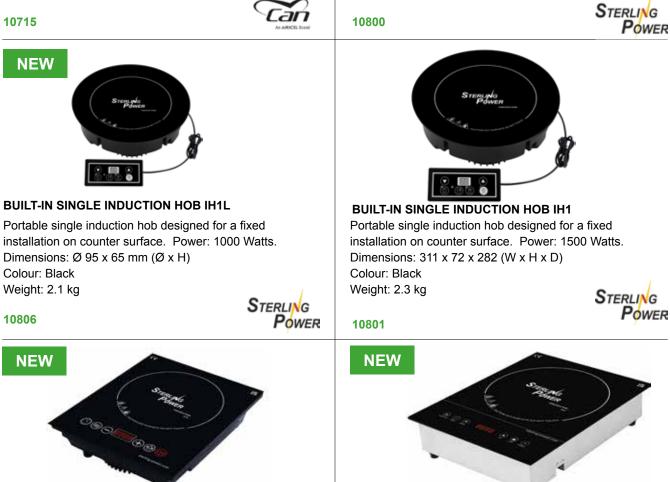
Portable single induction hob designed for a fixed installation on counter surface. 1.5 m cable. 2100W, 220-240V. Material: glass/ceramic. Colour : Black. Dimensions: 300 x 24 x 370 mm (W x H x D) Weight: 3 kg



### PORTABLE INDUCTION SINGLE HOB (IHP)

Portable single induction hob can be stored away when not in use. Voltage 230VAC | 50Hz. 1500W maximum power. Variable power consumption | 8 settings 200W-1500W ideal for inverter use.

Dimensions:- 311 x 72 x 282 mm (W x H x D)



**BUILT-IN SINGLE INDUCTION HOB IH2L** 

Portable single induction hob designed for a fixed installation on counter surface. Power: 1000 Watts. Dimensions: 210 x 55 x 250 mm (W x H x D) Colour: Black Weight: 1.35 kg

10804



**BUILT-IN SINGLE INDUCTION HOB IH2** 

Portable single induction hob designed for a fixed

Dimensions: 300 x 56 x 390 mm (W x H x D)

Colour: Black

Weight: 3.5 kg

10805

Power

installation on counter surface. Power: 2000 Watts.

### **INDUCTION HOBS**



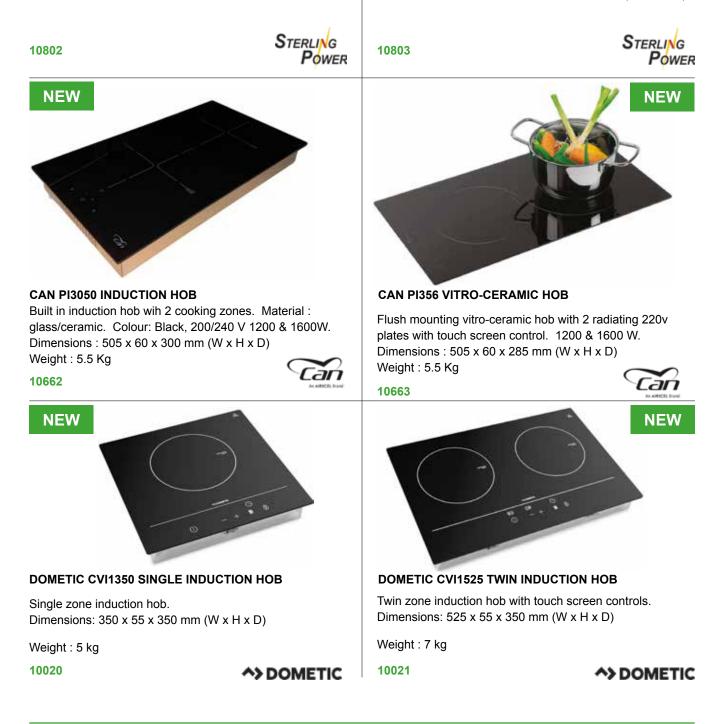
### **BUILT-IN TWIN INDUCTION HOB IHFB**

Twin induction flush fitting hob designed for a fixed installtion on counter surface. Controls on induction panel. 2800 watts. Built in size :  $495 \times 265 \text{ mm} (D \times W)$ .



### **BUILT-IN TWIN INDUCTION HOB IHSBS**

Twin induction flush fitting hob designed for a fixed installtion on counter surface. Controls on induction panel. 2800 watts. Dimensions :  $575 \times 90 \times 365 \text{ mm} (W \times H \times D)$ 



### **OVENS & GRILLS**

### **KITCHEN APPLIANCES**









#### CAN FC1345 20 LITRE OVEN/GRILL

Stainless steel built-in gas oven/grill with electronic and thermostatic control. Designed by CAN in Italy with a shallow depth ideal for campervans and narrow depth counters.

Dimensions : 530 x 320 x 410 mm (W x H x D) Colour : Matt Silver. Capacity : 20 Litres. Weight : 16 kg.

### CAN FO5010 CAMPERVAN OVEN/GRILL

Stainless steel built-in gas oven/grill with electronic ignition and thermostatic control. Ideal for campervan installations.

General size:  $457 \times 439 \times 446 \text{ mm}$  (W x H x D). Please refer to the diagram images on website as there are small elements that extend these measurements.

Colour: Matt Silver. Capacity : 23 Litres. Weight : 18.86 kg. 10703



### 10707

### **OVENS & GRILLS**



### DOMETIC MW0240 MICROWAVE 230 V

User-friendly microwave with five cooking levels. Defrosting function. Integrated easy-to-clean ceramic plate. Approved by leading motorhome manufacturers. Illuminated to easily check on the microwave's contents. Door lock. LED display and cooking end signal. For use with 230 V. Size: 451 x 283 x 353 mm (W x H x D).

Weight: 11.5 kg.

10130



#### DOMETIC OG2000 : 20 LITRE OVEN/GRILL

Built-in gas oven, 20 I capacity. A handy gas oven with grill and rotary tray to meet all culinary needs.

Features Include: Convenient built-in gas oven with grill:Rotary tray;Glass door, hinged at bottom for ease of acces;Convenient interior light;Electronic ignition with safety ignition system;Thermostatic temperature control.

Size: 530 x 310 x 410 (W x H x D) Weight : 13.2 kg.

10029



DOMETIC



### DOMETIC MINI GRILL

THE VN555 mini grill has a hinged-down black glass door and features 12-volt Piezo ignition.

Size: 485 x 240 x 410 mm (W x H x D). Colour: Inox with black handles. Weight: 7.94 kg.

### 10082

### >> DOMETIC



#### DOMETIC 30 LITRE OVEN/GRILL

This FO311FT 30 litre oven/grill combination has a hinged glass door; 12-volt electronic ignition.

Size: 530 x 430 x 415 mm (W x H x D). Colour: Inox with black handles. Weight: 19.5 kg.

10027



### REFRIGERATION

### **KITCHEN APPLIANCES**



### VITRIFRIGO TL20L

A top-loading compact refrigerator that fits into the work top. Features a stainless steel liner with removable thermostat and fitted with a black lid with interchangeable panel.

Dimensions: 408 x 578 x 228 mm (W x H x D). Weight: 17 kg.

30468 TL20L



20L

TRIFRIGO



#### VITRIFRIGO D20A

Elegantly styled 12 volt compact black drawer fridge that can be fitted into tightest of locations. The compressor and cooling unit can be removed from the back of the drawer and mounted remotely up to 1.5 m giving great flexibility. Uses the latest BD35 compressor designed to run on environmentally friendly R600 refrigerant. Includes fixing kit.

Dimensions: 440 x 250 x 562 mm (W x H x D). Weight: 15 kg.

30429 D20A



### VITRIFRIGO C25P

A light grey compact slimline larder fridge with detachable compressor and internal light, ideal for campervans.

Dimensions: 442 x 442 x 280 mm (W x H x D).

Weight: 13 kg.

30467 C25P





### VITRIFRIGO D30A

Elegantly styled 12 volt compact black drawer fridge that can be fitted into tightest of locations. The compressor and cooling unit can be removed from back of the drawer and mounted remotely up to 1.5 m from the drawer giving great flexibility. Uses the latest BD35 compress designed to run on environmentally friendly R600 refrigerant. Includes fixing kit.

Dimensions: 440 x 250 x 717 mm (W x H x D). Weight: 17 kg.





### VITRIFRIGO C37L

D30A

30424

This top-loading fridge unit is designed to drop into an existing work top with the compressor being mounted externally with a 1.4 m flexible copper pipe.

Dimensions: 410 x 410 x 410 mm (W x H x D). Weight: 15.5 kg. .

30428 C37L



### REFRIGERATION

### **KITCHEN APPLIANCES**



#### VITRIFRIGO C39I

This unit is great for campervans and has a fixed compressor with a single shelf, bottle holder and internal light.

Dimensions: 390 x 547 x 355 mm (W x H x D). FD = 397 mm. Weight: 17 kg.

30419	C39i Light Grey
30419B	C39i Black
30419F	Fitting Frame Light Grey
30419FB	Fitting Frame Black





#### VITRIFRIGO TL43

Designed for the campervan market the TL43 top opening fridge is perfect for camper kitchens with 380-400 mm depth work tops. The compressor is sited at one end to allow it to sit over the wheel arch on the side kitchen. The TL43 also features VitriFrigo's aluminium finned cooling unit for market leading power consumption running for 3 plus days on a 100a/h battery. Packed with lots of great features - see our website for more details.

Dimensions: 500 x 450 x 340 mm (W x H x D). Height with compressor: 620 mm. Weight: 14.5 kg.

30501 TL43



431

**42** 



#### VITRIFRIGO C42L

This silver refrigerator unit is suitable for campervans and features a detachable compressor (DANFOSS Db35) and LED light. It has a freezer compartment capacity of 3.6 litres

Dimensions: 380 x 532 x 342 mm (W x H x D). Flush Depth = 384 mm. Weight: 16 kg.

30421C42L Light Grey30421FLight Grey Frame





### VITRIFRIGO C47

This black fridge has a slide-out tray that is ideal for holding bottles and cans. The compressor is mounted on the back with optional mounting positions. It has a black interchangeable door, single shelf and slide-out drawer

Dimensions:  $430 \times 392 \times 630 \text{ mm} (W \times H \times D)$ . Compressor Size:  $150 \times 150 \times 185 \text{ mm} (W \times H \times D)$ . Weight: 19 kg.

30418 C47





#### **VITRIFRIGO GR50 SILVER**

Designed for the campervan market and features the same quality that VitriFrigo is known for and offers exceptional value for money. Includes additional door shelf and internal light. The freezer capacity is 3.6 litres.

Dimensions: 380 x 530 x 480 mm (W x H x D). Weight: 17 kg.

30499GR50 Light Grey30421FLight Grey Frame



#### VITRIFRIGO GR50 BLACK

Designed for the campervan market and features the same quality that VitriFrigo is known for and offers exceptional value for money. Includes additional door shelf and internal light. The freezer capacity is 3.6 litres.

Dimensions: 380 x 530 x 480 mm (W x H x D). Weight: 17 kg.

30500	GR50 Black
30500F	Black Frame



**50L** 

50L

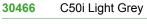
**VITRIFRIG** 



#### VITRIFRIGO C50I

This unit has a shallow design making it suitable for small leisure vehicles. Fitted with an internal light.

Dimensions: 380 x 532 x 459 mm (W x H x D). Weight: 17 kg.



30466F Frame





### VITRIFRIGO C62I

This unit has an integral compressor and features an ice box and LED light.

Dimensions: 450 x 530 x 475 mm (W x H x D). Flush Depth = 517 mm. Weight: 18 kg. Colour: Light Grey

30423C62i Light Grey30423FLight Grey Frame





#### VITRIFRIGO C75L

This unit features an ice box and LED light and has a detachable compressor.

Total capacity: 75 litres. Freezer compartment capacity: 10 litres.Dimensions: 470 x 622 x 418 mm (W x H x D). FD = 460 mm.Weight: 20 kg.Colour : Light Grey.30427C75L Light Grey

30427F Light Grey Frame





### VITRIFRIGO C90I

This unit features an integral compressor and is fitted with a 3-star freezer compartment and LED light.

Total capacity: 90 litres. Freezer compartment capacity: 9 litres. Dimensions: 470 x 622 x 515 mm (W x H x D). FD = 557 mm. Weight: 22 kg. Colour: Light Grey

30425C90i Light Grey30427FLight Grey Frame





#### VITRIFRIGO C115I

This unit is fitted with an integral compressor, a 3-star freezer compartment and LED light. Supplied with 2 shelves. Total capacity: 115 litres. Freezer compartment capacity: 14 litres.

Dimensions: 525 x 766 x 518 mm (W x H x D) FD = 560 mm. Weight: 23 kg. Colour: Light Grey.

30426C115i Light Grey30426FLight Grey Frame



### REFRIGERATION





Compressor refrigerator providing 32 litres of cool storage with elegant frameless door, incorporating a front panel and convenient full-width handle with a 4.4 litre freezer compartment. Features include:- Detachable compressor; Easy-to-use control panel; Stay fresh in Winter mode; Well equipped interior; Removeable freezer; Two crispers.

Compressor refrigerator provides 44 litre of storage with elegant frameless door, incorporatig a front panel and convenient full-width handle with a 4.4 litre freezer compartment. Features include:-Easy-to-use control panel;

Stay fresh in Winter mode; Removeable freezer; Two crispers; Full-width

Dimensions: 380 x 525 x 480 mm (W x H x D) 12/24 Volt; 50 Watt. Weight : 16 kg

30807 NRX0035C 30950 Flushed Mounted Frame 30951 Frame : Flush Mounted Black









∧> DOMETIC

12/24 Volt; 50 Watt Weight: 17 kg

∧> DOMETIC

DOMETIC COOLMATIC NRX50C

#### DOMETIC COOLMATIC NRX60C

Compressor refrigerator provides 55 litre of storage with elegant frameless door, incorporatig a front panel and convenient full-width handle with a 6.1 litre freezer compartment. Features include:-Easy-to-use control panel; Stay fresh in Winter mode; Removeable freezer; Two crispers; Full-width

30931	NRX0050C
30950	Flushed Mounted Frame
30951	Frame : Flush Mounted Blac

**NEW** 

35L

**NEW** 

50L

60L

30932	NRX0060C
30952	Flushed Mounted Frame
30953	Frame : Flush Mounted Black

### ~

DOMETIC COOLMATIC NRX80C			
Compressor refrigerator provides 75 litre of st door, incorporatig a front panel and convenier litre freezer compartment. Features include:-I Stay fresh in Winter mode; Removeable freeze door handle.	nt full-widt Easy-to-u	h handle with a 6.1 se control panel;	NEW 80L
Dimensions: 475 x 625 x 537 (W x H x D) 12/24 Volt: 55 Watt	30933	NRX0080C	
Weight : 20 kg	30954	Flushed Mounted F	rame
	30955	Frame : Flush Mour	nted Black
DOMETIC COOLMATIC NRX115C			NEW
Compressor refrigerator provides 113 litre of s	torage wi	th elegant	
frameless dear incorporation front panel and	aanvania	nt full width	



Compressor refrigerator provides 113 litre of storage with elegant
frameless door, incorporatig a front panel and convenient full-width
handle with a 8.2 litre freezer compartment. Features include:-Easy-to-
use control panel; Stay fresh in Winter mode; Removeable freezer; Two
crispers; Full-width door handle. Dimensions: 525 x 745 x 568 (W x H x D)
12/24 Volt; 70 Watt 30934 NRX0115C
Weight : 26 kg





### door handle. Dimensions: 380 x 525 x 510 (W x H x D)

**NEW** 



115L

>	D	0	М	E	T	C	

### 



**DOMETIC SINK WASTES** Replacement Dometic sink wastes.

 10126
 Angled AC540

 10128
 Straight AC545





**DOMETIC OVEN HANDLE** Replacement black oven handle, suitable for Dometic ovens and mini grill.

10102

TAP GUIDE : WHICH TAP TO USE



CAN SINK WASTE Replacement CAN sink waste. LP1800.

**GLASS LIDS** 

10619

### **∧>** DOMETIC



**PIEZO IGNITION** Piezo Ignition for Dometic hobs.

### 10125

Code	Product	Cold Tap	Hot & Cold Tap
10110 10115	Dometic MO9222 Dometic MO9722	70004C 70004CPK 70006 70007	70004PK 70009
10615	CAN LC1701	70019	N/A
10640	CAN FL1323GP	70022/70028	70025/70029
10645	CAN FL1401GP	70022/70028	70025/70029
10656	CAN FL1324	70022/70028	70025/70029
10657	CAN FL1323	70022/70028	70025/70029
10658	CAN FL1401	70022/70028	70025/70029
10660	CAN FL1400	70022/70028	70025/70029
10661	CAN FL1410	70022/70028	70025/70029
10665	CAN LR1770	70004C 70004CPK 70006 70007	70004PK 70009
10680LH 10680RH	CAN FL1780 CAN FL1770	70004C 70004CPK 70006 70007	70004PK 70009
10699LH 10699RH	CAN FL1766 CAN FL1765	70004C 70004CPK 70006 70007	70004PK 70009
10701	CAN FL1402	70022/70028	70025/70029
10705	CAN LR1375	70022/70028	70025/70029

See Page 51 - 53 for FULL RANGE of KITCHEN TAPS.

Code	Description
10084	8006
10085	8005 (10024)
10086	8022 (10025)
10088	8123 (10041) hob side
10094LH	9722 (10115LH) sink side
10094RH	9722 (10115LH) hob side
10095RH	9722 (10115RH) sink side
10095LH	9722 (10115RH) hob side
10106LH	9222LH (10110LH) LH side
10106RH	9222LH (10110LH) RH side
10107LH	9222RH (10110RH) LH Side
10107RH	9222RH (10110LH) RH side
10127LH	8800 LH
10127RH	8800 RH
10930	10661/FL1410+10660/FL1400
10931	LH - 10701/10658
10932	RH - 10701/10658
10933	10680LH/FL1780
10934	10680RH/FL1770
10935	10657/FL1323+10658/FL1324
10936	LH: 10699LH/FL1766
10937	RH: 10699LH/FL1766
10938	LH: 10699LH/FL1765
10939	RH: 10699LH/FL1765
10940	10650/FC 1343

### **KITCHEN STORAGE**

### **KITCHEN APPLIANCES**



**PURVARIO STORAGE SYSTEM** A simple but ingenious storage system that keeps bottles, cups, glasses, plates and pans safe and rattle free whilst in transit. Select the top you require, relevant to the item you wish to keep safe, and then select from two base sizes.

29200	Bottle Holder
29201	Cup/Glass Holder
29202	Plate/Pan Holder



PLATE ASSISTANT

The Vario System Modul V is a fourpiece set designed for the safe storage of plates, chopping boards, table mats, flat tupperware, flat pan lids and dishes.

The base of each module is skid resistant and stable. The system is modular and the initial four-piece set can be added to as required.

purvario

nne

29206





#### STORE BLOCK

The Purvario storage system allows you to store and transport those breakable items without damage. The Vario System Modul IV is a six piece block set that sits on top of a base and the blocks can be moved to fit around the items you need to keep safe. An extremely flexible solution.

You will also require a base unit (available in two sizes).

#### 29205

Base size	s: purvario
29203	Small: 300 x 500 mm
29204	Large: 500 x 500 mm

### purvario





#### **CUTLERY TRAY**

A universal compartment for cutlery. Comes in four pieces and stacks, allowing for easy removal from the vehicle.

#### 29208



PURVARIO MULTI TRAY

A drip tray for vinegar, oil, liquors or other bottles. Additional compartments can be used for salt/pepper, shot glasses, spice shakers, etc.

Dimensions:  $14.5 \times 30 \times 30 \text{ cm}$ (W x H x D)

Designed for quiet transport of plates

Size:23.5 x 15 x 23.5 cm (W x H x D)

Features raised grooves and sloping

surface to ensure safe and secure

storage while in motion.

PLATE STORAGE

in the vehicle.

29209



29212



#### STOW BARS FOR DRAWERS

A universal and adjustable storage solution for drawers.

8 adjustable pieces to create bespoke compartment sizes.

29207	Size: 60 x 325 mm (H x L) – 4 Dark Grey/4 Lime Green
29210	Size: 100 x 325 mm (H x L) – 4 Dark Grey/4 Lime Green
29211	Size: 100 x 325 mm (H x L) – 4 Dark Grey/4 Light Grey

#### For current prices please see our website www.grassroutesleisure.co.uk

### PIPEWORK

## LPG GAS



COPPER PIPE 30 metre roll of copper pipe. Ø: 8 mm (5/16").

#### 30179



LOW PRESSURE HOSE Low-pressure hose. Ø: 8 mm (5/16"). 1.5 metre length.

### 30120-1.5



HIGH PRESSURE HOSE 50 metre roll of high-pressure hose. Ø: 8 mm (5/16").

30138	50 m Roll
30138-1.5	1.5 metre



HIGH PRESSURE HOSE KIT High pressure hose kit: length of hose plus clips.

30136	1 metre
30137	2 metre



PROPANE PIGTAIL Length: 500 mm. Inlet : POL Outlet: W20

### 30121



GAS BOTTLE STRAP Fully adjustable retaining strap. Colour: Black.

#### 30190



LPG LABEL Single self-adhesive label. 100 x 100 mm.

71002



LEAK DETECTOR SPRAY LPG gas leak detector spray. 400 ml can.

#### 30139

GAS SEAL PASTE TRUMA gas seal paste : 25 g

30744





BUTANE PIGTAIL Length: 500 mm. Inlet : EXF Outlet: W20

### 30122



FLOOR SEALS - PACK OF TEN

A range of floor seals ideal for stretching round pipes to leave an attractive finish.

Black	
60170	5-11 mm
60171	10-19 mm
60172	19-28 mm
Mid Grey	/
Mid Grey 60180	<b>/</b> 5-11 mm
-	

### **REGULATORS & CONNECTORS**

### LPG GAS



#### **BUTANE REGULATOR**

Low-pressure butane gas regulator. Maximum inlet pressure: 6 bar. Operating pressure: 28 mbar. Capacity: 1 kg/h. Inlet: Union 109. Outlet: 8 mm nozzle.

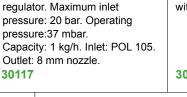
#### 30116



#### **BULKHEAD CHANGEOVER**

Bulkhead automatic changeover. 30 mb. W20 x 8 or 10 mm compression.

30151	8 mm	
30158	10 mm	



BULKHEAD REGULATOR

mm compression.

30149

30155

Caravan regulator 30 mb. W20 x 8 or 10

8 mm

10 mm

**PROPANE REGULATOR** 

Low-pressure propane gas

30117



**BUTANE REGULATOR** 

For gas cartridges/canisters with a threaded valve.

30175



### **BUTANE REGULATOR**

Low pressure butane gas regulator. Maximum inlet pressure: 6 bar. Operating pressure: 29 mbar; Capacity: 0.8 kg/h; Inlet: 16 x 1.5; Outlet: 8 mm nozzle. 30118



#### **BULKHEAD REGULATOR 90°**

Caravan regulator 30 mb. 90° angle. W20 x 8 or 10 mm compression. 30150 8 mm 30154 10 mm



#### **BUTANE GAS REGULATOR 21 MM**

21mm Butane Clip-On Gas Regulator. Max Inlet pressure 7.5 bar. Capacity 1.5kg/hr. Operating pressure 30 mbar. Nozzle outlet to suit 8mm ID hose.

#### 30110



### **REGULATORS WITH GAUGE**

Butane & Propane gas regulator with gauge.

30180	Butane 29 mbar	
30181	Propane 37 mbar	



PROPANE GAS REGULATOR Clip-on 27 mm low pressure Propane regulator.

**BARBECUE GAS POINT** 

Whale Easi Slide BBQ gas point in

#### 30112

White.

30021



**BUTANE GAS REGULATOR KIT** Kit includes : 1 x 30118 Butane low pressure gas regulator; 2 x Hose Clips;

Whale

#### 30115



1.5 x metres of High Pressure Hose.

Operating pressure 29 bar.

**BULLFINCH BARBEQUE POINT** Bullfinch cover that locks open or closed.

30145



For current prices please see our website www.grassroutesleisure.co.uk

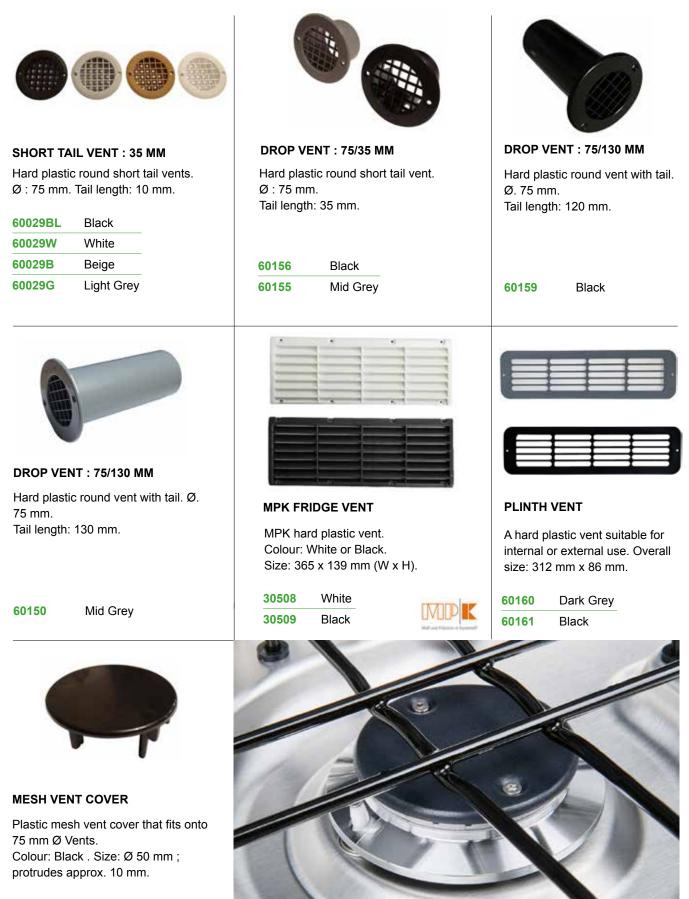
### **REGULATORS & CONNECTORS**

### LPG GAS

GAS CONVERTER	ELBOW	EQUAL TEE
Camping gas bottle converter.	8 mm (5/16") both ends.	8 mm (5/16") all ends.
30134	30127	30135
BRASS EQUAL CROSS		NEW
Brass Equal Cross 8 mm (5/16").	EQUAL ENDED COUPLING	Equal Ended 8 mm (5/16") each end.
	Equal-ended coupling. 8 mm (5/16").	
30129	30131	30123
	NEW	
COMPRESSION RING	BRASS NUT	BLANKING PLUG
Copper. 8 mm (5/16").	Brass Nut. 8 mm 5/16"	8 mm (5/16").
30141	30124	30133
SINGLE GAS ISOLATOR SWITCH	TWIN GAS ISOLATOR SWITCH	TRIPLE GAS ISOLATOR SWITCH
GOK single gas isolator switch 1 way. 8 mm (5/16").	GOK twin gas isolator switch 2 way. 8 mm (5/16").	GOK triple gas isolator switch 3 way. 8 mm (5/16").
30200N	30196N	30201N
Single gas isolator switch 1 way. 8 mm (5/16").	TWIN GAS ISOLATOR SWITCH         Twin gas isolator switch 2 way.         8 mm (5/16").         30196	TRIPLE GAS ISOLATOR SWITCH         Triple gas isolator switch 3 way.         8 mm (5/16").         30201

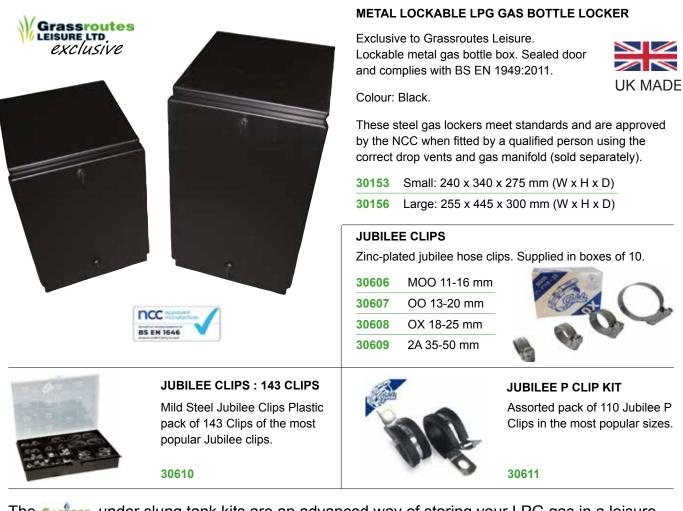
### VENTILATION

### LPG GAS



60157

### GAS BOXES & TANKS



The **Gasforr** under slung tank kits are an advanced way of storing your LPG gas in a leisure vehicle. Ideal for supplying the BBQ, van heating, hot water and cooking appliances.



### VW T5 & T6 LPG TANK KIT

15-litre tank – @ 80% fill holds 12 litres or 6 kg of gas. Inbuilt level gauge; tank brackets (all 316 stainless steel). Includes 1.25-metre fill hose Kit weight: 14 kg (dry) Mounted to vehicle using 4 x M10 bolts (supplied)

Kit supplied pre-assembled and pressure tested Gas pressure test point on regulator

CE and R67 approvals – exceed UKLPG Cop11 when installed to instructions

30255





### BOXER/RELAY/DUCATO LPG TANK KIT

25-litre tank. Includes 4.5 metre level gauge cable; 4.5 m solenoid cable. Parts include 2 x stainless steel vehicle mount brackets 30mBar Cavagna regulator; through body bayonet fill point with housing; 3 m filler poly hose; 600 mm pigtail; 2 x 8 mm hose connections; 20 mm grommet; electronic solenoid control and level gauge; electrical junction box; 4 x M8 hex rivnuts and bolts; 6 x hose P clips; tank and value certificates/instructions/log card.

30256





### **PROPEX MALAGA 5E WATER HEATER**

A high-capacity water storage heater. The 5E has the benefit of a 750 W electric heating element. It provides a quick and efficient supply of hot water for showering and washing in leisure vehicles.

Main features include:

- 13-litre capacity for longer washing and showering times with electronic control.
- Efficient gas burner for faster warm up times.
- 750 W element.
- Small flue terminal neat appearance on outside of the vehicle.
- Safe-combustion production are completely sealed from the leisure vehicle interior.
- · Easy to fit and service controls to the rear of the unit.

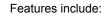
#### 30208





### WHALE EXPANSE WATER HEATER

The Whale expanse water heater has been cleverly designed to maximise living space whilst adding improved functionality.



- Rapid heat up, reheat and retention.
- Can run on electric only, gas only or both combined.
- · Simplified and easy installation.
- More heat, more control, more space and reduced heat-up times.

30575For Internal Fitting30157For External Fitting





### HOT AIR HEATERS



#### SURECAL 6 LITRE WATER HEATER

Built in the UK this water heater is made of the finest materials that guarantees excellent performance and reliability. Quick and easy to install. Retains heat up to 24 hours after the immersion has been switched off. Fitted with a thermostatic mixer value for the safety of those onboard and increases the volume of hot water. 12/240V.

Capacity : 6 litres Dimensions: 245 x 250 x 440 mm (W x H x D) Weight : 8 kg













#### PUNDMANN WATER HEATERS

These water heaters have been specifically designed for installation in leisure vehicles where there is limited space and weak power conditions. The PUNDMANN TERM boiler is a low pressure boiler that can be conneted to any water system with existing fittings in the mobile arena. The connections are designed for a 10 mm hose. The boiler is compact and light. The units are made from high quality stainless steel that meet with drinking water standards. Three Year return to base warranty.

30811	3 litre 12/24v
30812	6 litre 12/24v
30813	10 litre 12/24v





#### MV AIRO 2 KW DIESEL HEATER

The Airo 2 is a diesel heater that is easy to fit, economical and lightweight with low current consumption. It is fully automatic in operation with a simple rotary control for stepless output from 0.9 kW to full 2 kW. It takes diesel fuel from the vehicle tank via its own fuel pump (supplied in the kit) and delivers it to the heater in precise amounts to give a clean burning, low noise exhaust which exits underneath the vehicle.

30400 MV AIRO 2 + Fitting Kit





FITTING BRACKET Underbody MV AIRO2 heater bracket for T5/T6. 30472





**TIMER** 7 Day timer kit for MV AIR02.

30471





#### PROPEX HS2000 HOT AIR HEATER

The HS2000 is a 12 volt/gas hot air heater designed to be fitted to the inside of the vehicle gas/12 volt.

Specification:-Input: 2.1 kW. Heat output: 1.9 kW. Voltage: 12 V or 24 V. Dimensions: 172 x 100 x 320 mm (W x H x D).

30209





#### PROPEX HS2000E HOT AIR HEATER

Designed to be fitted to the inside of the vehicle this heater can be fuelled by propane/butane gas or 240V mains electric giving the option of using mains hook up to provide selectable 500 W, 1 kW or 2 kW of heat output.

Specification:-Heat output: gas 1.9 kW; electric 500 W, 1 kW, 2kW. Voltage: 12 V or 24 V. Electric: 230 V AC 50 Hz. Size: 172 x 100 x 320 mm (W x H x D).



### HOT AIR HEATERS



#### **PROPEX HS2800 HOT AIR HEATER**

The Propex HS2800 is a 12 volt/gas hot air heater designed to be fitted to the inside of the vehicle.

Specification:-Input: 3.0 kW. Heat Output: 2.8 kW. Voltage: 12 V or 24 V. Dimensions: 210 x 120 x 415 mm (W x H x D).

#### 30215





#### **PROPEX HS2211 HOT AIR HEATER**

The Propex HS2211 hot air is designed for mounting underneath the vehicle and ducting directly through the floor into the vehicles interior.

Specification:-Input: 2.0 kW. Heat output: 1.9 kW. Voltage: 12 V DC. Dimensions: 157 x 230 x 430 mm (W x H x D).

30210





#### **PROPEX HS2212 EXTERNAL HOT AIR HEATER**

The Propex HS2212 heater is designed for mounting underneath the vehicle and ducting directly through the floor into the vehicles interior.

Specification:-Input: 2.0 kW. Heat output: 2.0 kW. Voltage: 240 V. Dimensions: 285 x 181 x 713 mm (W x H x D).

30386





#### PROPEX DOUBLE OUTLET KIT

For HS 2000 hot air heater.

30217-2000



## HEATING SYSTEMS SYSTEMS

#### EBERSPAECHER AS3 EXTERNAL DIESEL HEATER

The AS3 D2L Airtronic 12V heater kit has been designed to fit and work perfectly with the folloiwing vehicles VW T5, T5.1, T6, T6.1 and Ford Transit Custom. An easy, efficient way to ensure that you can always keep the interior of your camper at a comfortable temperature, the Eberspächer AS3 D2L Airtronic heater has been designed to fit to the exterior of your vehicle, to save space on the interior. Features include:-

- · Easily mounted to the underside of your Ford camper, to save on interior space
- Supplied with all the parts needed to install it to a Digital display via Cam or Lin Bus connection
- · Powered by 12v or 240v electricity and fuel from your vehicle
- · Comes with an Easy Start Pro controller, so you can alter settings from anywhere inside your camper

Kit consists of:-

- Eberspächer AS3 D2L Heater
- Mount bracket for external installation
- · Easy-start Pro controller
- · Wiring loom for battery
- · Fuel pipe with tank pick up
- 1 metre exhaust
- · Ducting and associated fittings included
- 1 x hot air outlet

#### **EBERSPAECHER AS3 INTERNAL DIESEL HEATER**

The AS3 D2L Airtronic 12V heater kit has been designed to fit and work perfectly with the VW T5, T5.1, VW T6 and T6.1. An easy, efficient way to ensure that you can always keep the interior of your Volkswagen camper at a comfortable temperature, the Eberspächer AS3 D2L Airtronic heater has been designed to fit to the interior of the vehicle. Kit consists of:-

- Eberspächer AS3 D2L Heater
- · Mount bracket for internal installation
- · Easy-start Pro controller
- Wiring loom for battery
- · Fuel pipe with tank pick up
- 1 metre exhaust
- · Ducting and associated fittings included
- 1 x hot air outlet

30875 Internal Diesel Kit : VW T5/6

#### **EBERSPAECHER E-AIRTRONIC**

The new electric air heater E-Airtronic operates with 110V or 230V and a heat performance of 1Kw. It ensures comfortable temperatures in the interior of electric and hybrid vehicles. For intrnal combustion engine vehicles and caravans/trailers it can also be operated in stationary usage via landline. The small air heater can be installed very easitly wherever heat is required.

Dimensions: 207 x 185.6 x 139 mm Voltage (PTC): 230 V AC/50 Hz Voltage (Fan): 12 V DC Heating Performance : 900 W +/-10% Kit includes:- heater, wiring & manual control.

E-Airtronic EHV1 230V KIT 30890





External Diesel Kit : VW T5/6

External Diesel Kit : VW T5/6 + Wiring Loom

External Diesel Kit : Ford Custom to 2024

External Diesel Kit : T7/Ford Custom 2024+

1				
F				
1	6		-	
U	C	J	U	



NEW



30876

30877

30878

### NEW

#### AQUA-HOT GEN 1 D4 E - DIESEL

The Aqua-Hot Gen 1 D4 E is a compacted forced air heating system with 10 litre water heater in an all-in-one unit, fueled by diesel with an electric mode, specifically designed for recreation vehicles.

This unit can heat the water independently of the furnace, allowing you to be comfortable all year round and always be able to have a hot water. The electric mode gives you the option to save fuel while you are connected to the 230V hook up.

Features include:-

30851

Open Source: RV-C Ready Fuel Type : Diesel Power Supply : 12V DC - 230V AC Heat Output : 2.000 W / 4.000 W Electric Mode Output : 900 W / 1.800 W Efficiency: 91% Fuel Consumption : 0.28 - 0.65 l/h Water Tank Capacity : 10 litre (Stainless steel) Current Draw (12 V) : 1.8 - 4.0 A Current Draw (230 V) : 3.9 - 7.8 A Dimensions (W x H x D) : 510 x 300 x 450 mm Weight: 15.6 Kg Warm Air Flow Rate : Max 287 m3/h Water Pump Pressure : Max 2.8 bar System Pressure : Max 4.5 bar Hot Water Options : 40°C - 60°C High Altitude Ready : up to 5.000 m Lower Point Drain : Included No Anode Design : Included Automated Timer : Included Oil Pre-Pump Mode : Included

#### NEW

#### AQUA-HOT GEN 1 P6 E - PROPANE/BUTANE

The Aqua-Hot Gen 1 P6 E is a compact forced air heating system with 10 litre water heater in an all-in-one unit. fueled by gas (propane/butane) with an electric mode, specifically designed for recreation vehicles.

This unit can heat the water independently of the furnace, allowing you to be comfortable all year round and always be able to have a hot water. The electric mode gives you the possiblity to save fuel while you are connected to the 230 V hook up.

Features include:-

Open Source: RV-C Ready Fuel Type : Gas (Propane/Butane) Power Supply : 12V DC - 230V AC **Operating Pressure : 30 mbar** Heat Output : 2.000 W / 4.000 W / 6.000 W Electric Mode Output : 900 W / 1.800 W Efficiency: 98% Fuel Consumption : 160 - 480 g/h Water Tank Capacity : 10 litre Current Draw (12 V) : Max 5.6 A for a short term (ave.1.3 A) Current Draw (230 V) : 3.9 - 7.8 A Dimensions (W x H x D) : 510 x 300 x 450 mm Weight: 15.6 Kg Warm Air Flow Rate : Max 287 m3/h Water Pump Pressure : Max 2.8 bar System Pressure : Max 4.5 bar Hot Water Options : 40°C - 60°C High Altitude Ready : up to 5.000 m Lower Point Drain : Included No Anode Design : Included Automated Timer : Included Oil Pre-Pump Mode : Included



## **CONTROL PANELS & CHARGERS**

### ELECTRICAL



#### SARGENT PF200

This charger features short circuit and reverse polarity protection. CHAR and over temperature protection. This unit is suitable for lead-acid batteries.



#### SARGENT PX300

A 300W 3 stage intelligent battery charger and power supply.

30194



NEW

20354





#### Sterling Power

#### STERLING BB2230

This battery to battery charger features four-stage battery charging. OEM lock, pre-set battery chemistry options, customisable profile. B2B turns at 13.6 V and off at 13.3 V. See website for further information.. 20350



#### **BLAUPUNKT CHARGER**

20080

Smart Charger 170 Multi step battery charger. See Website for more information.









# 

	Model	DC V In/Out	Rating (A)	Weight (kg)	Reverse Charge	L x W x D (mm)
20349	BB1225	12/12	26 on input	0.6	13.3V @ 13A	125 x 130 x 56
20354	BB1240	12/12	40 on input	0.8	13.3V @ 20A	160 x 130 x 56
20355	BB1270	12/12	70 on input	1.0	13.3V @ 20A	230 x 130 x 56

#### STERLING POWER TRIDENT DC/DC SOLAR

This BBWS battery to battery charger is a device typically installed between a starter battery (input) and a house / domestic / service battery (output). Designed to charge up your 12V domestic / service / auxiliary battery from the power generated from your alternator, whilst your engine is running. As this device is 25A or 40A rated on the input, we recommend running from an alternator 60A+. This BB charges both lead acid style batteries and lithium batteries. The solar input is good for up to 32V and shall harvest 350W or 550W (model dependent). The BBWS shall simply get power from either solar or power generated from your alternator. It shall tap into where it can get the most power from.



20363 25 Amp





#### SARGENT DX20-12

This DC-DC charger takes power from the vehicle battery and alternator, to provide rapid charging of a leisure battery. The leisure battery is more fully charged than using traditional relay systems and any voltage losses in cabling are reduced.

30199





#### SARGENT DXC30-12

This DC-DC charger takes power from the vehicle battery and alternator, to provide rapid charging of a leisure battery. It has multi-stage charging, vehicle protection and is fully protected. Max Power : 390W; Input/output voltage 8-15V; 94% efficiency.

30198





#### ROVERT LEISURE BATTERY CHARGER

UK manufactured intelligent battery charger for leisure vehicles. Features include controlled multi-stage charging, remote LED connection, short circuit and over current protection, high temperature protection, 12 Amp. For detailed specification please see our website.

#### 30385





#### SARGENT DX3210-12

This DC-DC charger takes power from the vehicle battery and alternator, to provide rapid multi-stage charging of a leisure battery. The battery is more fully charged than using traditional relay systems and any voltage losses in cabling are reduced. An engine running input ensures the charger is compatible with both smart and standard alternators and selector switches provide the optimum charging profile for most battery types. Please see our website for more information.

#### 30297





### SARGENT AC50X

This control panel has an easy-to-use switch design to control power, entry light, water pump and battery level reader. It does require a separate relay to turn the leisure power on/off. The AC50X is supplied with a dark grey panel as standard. See see **30290PG & 30290PS** for additional panels.

#### 30290





CBE SURROUND PANEL FOR SARGENT AC50X

30290PG Dark Grey 30290PS Silver





#### **BONUS CP3**

The CP3 control panel has 12v distribution with power source selector and an analogue battery meter with 12v outputs fused at 10 amps. If cut out in furniture required then the cut out size is:- 150 x 50 x 60 mm (W x H x D) required for fuse holders and harness/cable attachment to rear of panel. Also 4.8 mm insulated female spade terminals needed for connection on the rear of the panel.

30294



#### BONUS PMS3

Mains 230 V AC. Battery charger with short circuit, earth leakage and over current protection. The PMS3 is available in either vertical or horizontal models. Features 4 x fused outputs; battery condition metre; battery change over switch and pump isolation switch. Reverse polarity indication. 13.V DC. Fully stabilised power supply. Constant current limit at 12 amp. Dimensions:

Vertical: 155 x 287 x 150 mm (W x H x D) Horizontal: 287 x 155 x 150 mm (W x H x D)

30298	Vertical	BONUS
30326	Horizontal	PLUG-IN-SYSTEMS



#### SARGENT EC160

Sargent EC160 Power Management System Available Vertical or Horizontal Colour : Silver



wired for innovation

30192	Horizontal: 300 x 150 x 200 mm (W x H x D)
30193	Vertical: 150 x 300 x 200 mm (W x H x D)





#### SARGENT EC155

The Sargent EC155 is supplied as a kit and is perfect for van conversions. The power unit has a built in 200 watt charger, 12V fuses and 230v breakers. As the unit is surfaced mounted it can provide easy installation with all connectors situated at the bottom of the unit. The kit comprises of:- EC155 PSU; EC50 Control Panel; 12 V & 230 V wiring harnesses; 5 metre connecting lead, for between the PSU and control panel. Supplied boxed and with instructions.



30292

#### STERLING INVERTER SIB121600

A 12V 1600W twin socket inverter. Centre tapped earth : interchangeable. New earth bonded : between both. Remote not included. Purchase separately. Dimensions : 250 x 1990 x 85 mm (L x W x D). Weight: 2.2 kg. 20360 Inverter 20361 Remote Control



The modular power system is both compact and flexible, allowing mounting as a single unit or separately where space is a premium. The MC100 is the hub of the system providing power, switching and monitoring for 12 volt accessories such as heating, lightin and water systems. The MC200 provides RCD and MCD protection for 230 volt mains circuits. A colour touch screen display offers intuitive controls for monitoring and control of lighting, power, water and environmental sensors. The system can be easily expanded through the addition of intelligent CANBus accessories such as lithium batteries, ultrasonic water sensors, solar regulators can battery chargers.

- Modular Power Supply Units provide protection and control for all AC & DC circuits.
- Touch screen Control Panel intuitive interface for control and monitoring of equipment.
- Multi-stage battery charger up to 20 Amps for charging leisure or vehicle battery.
- Fresh & water tank sensors provide tank monitoring and control panel alerts.
- Environmental sensors monitor internal temperature / humidity and external temperature.
- Plug & play connections flexible installation using pre-made harnesses and connector kit.
- Fully protected built in RCD, MCD & 12V fused protection kit.

Kit contents include:-

- MC100 Control Unit.
- MC200 Consumer Unit.
- EC940 (4 inch) or EC970 (7 inch) Touch Screen Display.
- PX300 Battery Charger.
- 12V & 230V Wiring Harness.
- · Water Sensors.
- Temperature Sensor.
- Connector & Fuse Kit.

-	
7" Touch S	Scree



 30285
 K904A - 4 Inch Screen

 30286
 K970A - 7 Inch Screen

#### STERLING POWER LAUREL PORTABLE POWER SUPPLY

Features include:-

- LiFePO4 battery with built-in 230v/600W Pure Sine Wave Inverter
- Battery capacity: 12.8V, 40Ah, 512Wh
- Robust construction with hinged handle.
- Robust battery protective housing with advanced BMS multi fans with high efficiency cooling system.

Dimensions: 125 x 56 x 130 mm (W x H x D)

For full details and functionality see our website www.grassroutesleisure.co.uk



#### 20365









**S**TERLING

### HOOK UP CONNECTORS

### ELECTRICAL



#### SITE PLUG MALE

European standard 240 V/16 amp 3-pin plug. Used for the connection of the mains hook up lead to the site supply. Packed.

#### 30230



#### CONVERSION LEAD

Mains lead fitted with a site plug to be connected to a domestic 13 amp outlet. Nylon 13 amp fused plug to 16 amp European standard 3-pin coupler. Packed.

#### 30228



#### HOOK UP ADAPTOR

MPK flush-fitting European standard 240 V/16 amp 3-pin inlet with hinged 3 pin connector with splash-proof enclosure (IP44).

30222W	White	See page 129
30222B	Black	for spare covers.



#### SITE PLUG FEMALE

European standard 240 V/16 amp 3-pin coupler. Used for the connection of the mains hook up lead to the leisure vehicle. Packed.

#### 30229



#### **CONVERSION LEAD**

Mains lead fitted with a site plug to be connected to most continental Schuko-type outlets. A moulded Schuko plug to 16 amp European standard 3-pin coupler. Packed.

#### 30225



#### HOOK UP LEADS

Mains extension leads fitted with European standard 240 V/16 amp 3-pin connectors. 2.5 core. Cable to BS6500. Connectors to BS4343, CEE17 and IEC309. Please note: these cables meet current UK electrical regulations - legal for caravans & other leisure vehicles. Packed.

30024	10 metre
30029	25 metre



#### **GWISS HOOK UP ADAPTOR**

Surface-mounted European standard 240 V/16 amp 3-pin inlet + protective cap. Packed

#### 30223





#### **BUDGET HOOK UP ADAPTOR**

Surface-mounted European standard 240 V/16 amp 3-pin inlet with protective cap. Used as a mains inlet point on leisure vehicles. Packed.

#### 30223B



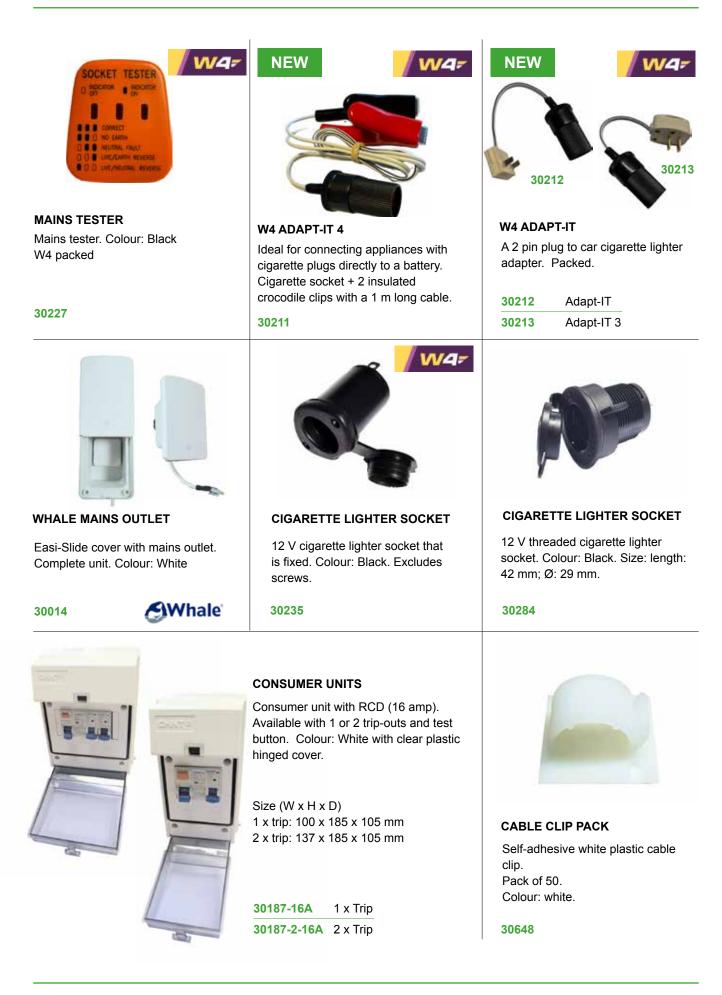
#### HOOK UP ADAPTOR

Compact hook up skin. Flush mounting mains inlet 2-pin and earth connector. 240 V/16 amp. Packed.

30378W	White
30378B	Black

## **OUTLETS & SOCKETS**

### ELECTRICAL



## CABLE & BULBS

### ELECTRICAL

NEW



8 AMP CABLE

Two-core twin cable flat. 2 x 14/0.30 mm (2 x 1.00 mm). 30 metres

#### 30270-8



#### AUTO CABLE TWIN 2 MM

Auto cable twin 2 mm thin wall (stranding 2 x 28/0.30 mm) sheath & core colour B-B/R 25 amp. 30 m.

#### 30259



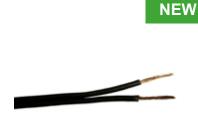
Box contains 1 x crimping plier and assorted insulation terminals.

#### 42025



**17 AMP CABLE** Two-core twin cable flat. 2 x 28/0.33 mm (2 x 2.0 mm). 30 metres

30270-17



#### SPEAKER CABLE

2 amp speaker cable 2 x 12/0.2 30 metre roll.

#### 30266



BULB & FUSE KIT W4 Indoor/Outdoor Bulb & Fuse Kit.

30240



#### AUTO CABLE TWIN 1 MM

Auto cable twin 1 mm thin wall (stranding 2 x 32/0.2 mm) sheath & core colour B-B/R 16.5 amp. 30 m.

#### 30258





#### BATTERY CABLE

Flexible 10mm2 80/0.40 - 70 amp battery cable.

30267	Red : 1 m length
30276	Black : 1 m length
30278	Red : 10 m length
30289	Black : 10 m length



UNIVERSAL BULB & FUSE KIT W4 Universal Motorcaravan Bulb/ Fuse Kit

### BATTERIES

### ELECTRICAL



**BATTERY TERMINALS** 

30249

Pure brass tin-plated solderless heavy-duty battery terminals. Packed. Sold in pairs.



**POST TERMINALS** Heavy-duty post type battery terminals with butterfly nut. Packed. Sold in pairs.

30248



**SNAP-ON TERMINALS** Snap-on battery terminals. Packed. Sold in pairs.

30247



**BATTERY TERMINALS** Battery terminals with cover. Boxed. Sold in pairs.

30252



BATTERY RETAINING CLAMP

Battery retaining clamp. Packed.



**ISOLATOR SWITCH** Battery isolator switch with cap. W4 Packed.

 30214
 Switch

 30281
 Spare Key

AMPS BATTERIES

30368

5 YEAR WARRANTY. For detailed information see our website.

Part No.	Model	Dimensions (W x H x D)	Bluetooth	Operating Voltage	Nominal Voltage
20370	L12100	176 x 172 x 280 mm	No	13.6 V	12 V
20371	AL1220	77 x 187 x 190 mm	Yes	13.6 V	12 V
20372	AL1270	176 x 212 x 260 mm	Yes	13.6 V	12V
20373	AL1275	176 x 172 x 280 mm	Yes	13.6 V	12 V
20374	AL1280	165 x 210 x 260 mm	Yes	13.6 V	12 V
20375	AL2450	165 x 210 x 260 mm	Yes	27.2 V	24 V
20376	AL12100	165 x 210 x 260 mm	Yes	13.6 V	12 V
20378	AL1220	235 x 207 x 532 mm	Yes	13.6 V	12 V
20379	AL12300	235 x 207 x 532 mm	Yes	13.6 V	12 V
20381	AL24150	235 x 207 x 532 mm	Yes	27.2 V	24 V

For current prices please see our website www.grassroutesleisure.co.uk





ISOLATOR SWITCH COVER Whale Easi-Slide cover with isolator switch. Complete unit. Colour: White





## **FUSE HOLDERS**

### ELECTRICAL



#### SINGLE FUSE HOLDER

Single-fuse blade holder. Colour: White. Pack of 5.

#### 30253-1WPK



**FUSE HOLDER 4-WAY** 4-way fuse blade holder with side entry. Colour: Black.

30253-4S



**FUSE HOLDER 6-WAY** 6-way fuse blade holder with bottom entry. Colour: Black.

30253-6



**FUSE HOLDER 8-WAY** 8-way fuse blade holder with side entry. Colour: Black.

30253-8S

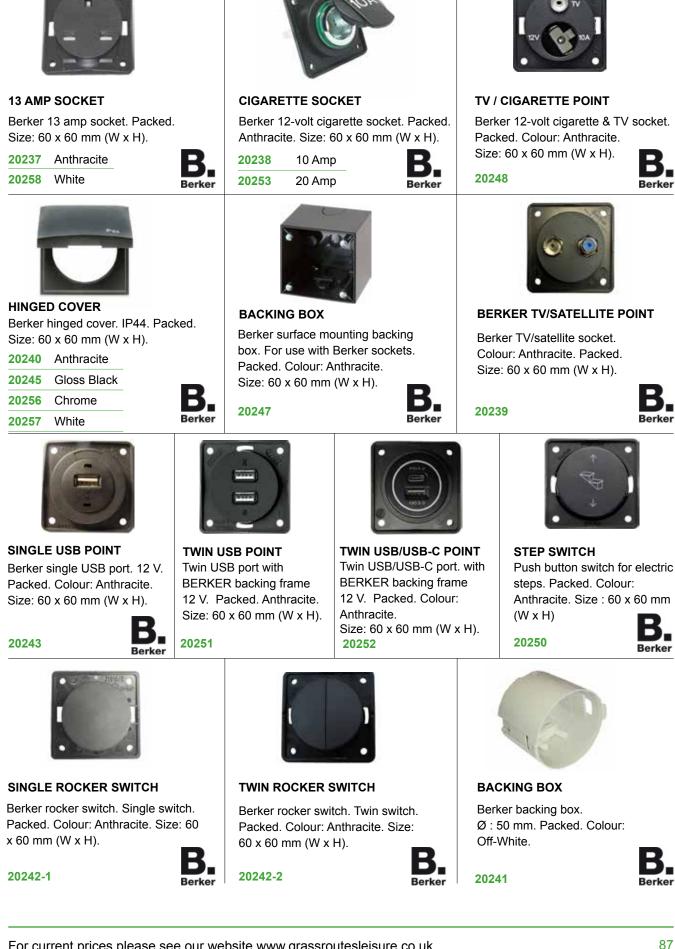


**CONNECTOR STRIP** Connector strip 15 amp. Bag of 10. Colour: White.

#### 30300-15

### SWITCHES & SOCKETS

## **ELECTRICAL**



### PANELS

### ELECTRICAL



### PANELS



#### POWER SOCKET SINGLE PANEL

Front panels for power sockets with recess opening such as USB and cigarette lighters sockets. Colour: Black. Dimensions : 60 x 42 x 5.5 mm

#### 20321



#### POWER SOCKET DOUBLE PANEL

Front panels for power sockets with recess opening such as USB and cigarette lighters sockets. Colour: Black. Dimensions : 106 x 42 x 5.5 mm

#### 20322



#### POWER SOCKET TRIPLE PANEL

Front panels for power sockets with recess opening such as USB and cigarette lighters sockets. Colour: Black. Dimensions : 150 x 42 x 5.5 mm

20323



#### PLANT ON SINGLE HOUSING

Plant on housing units for various sockets such as USB and cigarette lighter sockets. Colour : Black Dimensions : 52 x 50 x 80 mm

#### 20301



#### PLANT ON DOUBLE HOUSING

Plant on housing units for various sockets such as USB and cigarette lighter sockets. Colour : Black Dimensions : 99 x 50 x 78 mm

#### 20302



#### PLANT ON TRIPLE HOUSING

Plant on housing units for various sockets such as USB and cigarette lighter sockets. Colour : Black Dimensions : 150 x 50 x 78 mm

### **USB DEVICES**

### **ELECTRICAL**

#### **NEW**



**USB/USB-C DOUBLE SOCKET** Loox5 USB/USB-C Double Socket with 1.5 m cable. 1 x USB-A, 1 x USB-C Size 46.5 x 46.5 x 18mm (W x H x D)



SINGLE USB POINT Berker single USB port. 12 V.

Packed. Colour: Anthracite. Size: 60 x 60 mm (W x H).

#### 20243



**TWIN USB POINT** 

Twin USB port. with Berker backing frame 12 V. Packed. Colour: Anthracite. Size: 60 x 60mm (W x H). 20251



DOUBLE USB SOCKET

Screw-in double USB socket with protective cap. 12/24 V DC. USB output:5 V 2.1 A max DC. Ø: 36.8 mm

#### 20312

20110



#### **READING LIGHT WITH USB**

12-volt LED 2034 flexible reading light with USB. Available in two colours.

20016	Chrome	
20017	Black	



**USB/USB-C SOCKET** Socket with double USB 1 x USB + 1 x USB-C. Ø:36.8 mm.

#### 20315





MINI TUBE WITH USB Mini Tube D1 18 SMD 12 Volt with USB. Colour : Chrome

20072





FRILIGHT MINI TUBE D4 LED Mini Tube D4 Power LED 10-30 V with USB. Colour : Black.



GHT



MINI TUBE FLEXI D4 WITH USB

Mini TubeD4 Flex Power LED 10-30V with USB. Colour : Chrome.



### **USB DEVICES**

### ELECTRICAL



#### CHARGER WITH USB

Sargent wireless phone charger with USB port with integral sliding cover.

#### 30282





#### **CHARGER : USB PORT + USB-C** Sargent wireless phone charger with USB and USB-C port with integral sliding cover.

30283





#### POWERDOCK WITH USB

Powerdock with 2 x 700 mA USB ports. IP54 rated when closed. Includes: 2.5 m lead with moulded UK plug. Colour: Black/Aluminium with stainless steel top.

30409



Superflex is a high quality super flexible non-woven product suitable to fit any shapes and surfaces. Due to the unique 4-way stretch formula Superflex is quick and easy to install. Superflex is a safe solution which meets the highest possible flamability rating Bfl-s1.

Grassroutes LEISURE LTD, exclusive SEE OUR FULL RANGE ON PAGE 38

### LIGHTING

### ELECTRICAL



#### FRILIGHT COMET

Round mounted 12volt light with on/off switch. Middle of light is directable. Bulb: G4 10 W. External Ø: 82 mm. Colour: Silver Sand.

30357SS





#### FRILIGHT NOVA

Round plastic 12-volt light without switch. Available in two colours. External Ø: 77 mm. Bulb: G4 10 W. Colour : Chrome.

20001C



NEW



FRILIGHT VEGA 48 SMD

Recess fitting 18 SMD. 12 V. Easy mounting – no screws. Hole cut-out size 40 mm. Colour: Brushed Stainless Steel rim. Ø.: 48 mm. Depth: 6 mm.

20005





#### THIN LED DOWN LIGHTER

This extremely flat surface mounted downlight looks almost like a recess mounted light. 12V, 9 LED's, cool white. Size: Ø.: 65 mm x 6 mm (H). Colour : Silver. 30398



IGHT

#### FRILIGHT VEGA 75 SMD

LED Matt Chrome light. 12VDC.1W LED. Size: Ø: 75 mm. Height: 15mm. Touch operated except master. 21 SMD.

20093Touch control20094Master

#### FRILIGHT NOVA 36 SMD

Round plastic 12-volt light for recess fitting without switch. External Ø : 77 mm. Colour: Chrome.

30338C





CHROME20036Warm White20038Cool White

#### LED DOWNLIGHT

For recess or surface mounting. Includes 69 mm bezel. LED grid contains 21 diodes. 12 V. 1.4 W. Supplied with 1.5 m lead with connector. Colour: Satin Brush Metal Finish. External Ø: 69 mm.

30394

When recess mounted this downlight has an IP rating of 44, making it ideal for bathrooms and other zone 1 areas. 12 V 1.5 W, metal housing, dimmable, 2 m cable. Ø : 35 mm. LED.

SILVER

20037	Warm White	
20039	Cool White	

### LIGHTING



#### **TURNSTRIPE LED 9**

Internal light with aluminium body/plastic lens with rocker switch. 9 bright LEDS, 12 Volt, Surface mounte allowing light to turn

Dimensions: 220 x 31 x 35 mm (L x D x W) Supplied boxed.

#### 30376





MINI TUBE WITH USB Mini Tube D1 18 SMD 12 Volt with USB. Colour : Chrome







MINI TUBE FLEXI D4 WITH USB Mini TubeD4 Flex Power LED 10-30V with USB. Colour : Chrome.



Supplied boxed.

Chrome

30396

SQUARE RECESSED SPOT LIGHT

12 V for recess mounting contains 24 diodes. Light output:

W; with 230 mm cable and 6.3 mm spade connector Finish:

114 lm; Efficency: 64.5 lm/W. Voltage: 12 V; wattage: 1.7

chrome. Dimensions: 65 mm x 65 mm; recess: 10.5 mm.



FLEXIBLE MINI TUBE WITH USB

Mini Tube D4 has a flexible arm and built in USB charging port. The USB charger has an output of 1000 mA @ 5 V.

20074 Chrome



### LIGHTING



#### FRILIGHT SOFT WHITE SMD

LABCRAFT SCENELITE

A surface-mounted aluminium-based light. Waterproof to IP67. 10-32 V.

Size: 182.5 x 50 x 20 mm (L x W x D).

White (SI8-4-3MVWH)

Black (SI8-4-3MV)

LABCRAFT CALLISTO (LD101BCMV)

10 W. Over 1100 lumens. E-type approval. Supplied boxed.

20006

20032

20033

For recess or surface mounting. Soft S1 white SMD light with on/off switch. 12 V. Size: W248 x H35 x D64 mm. Colour: White.



.abcraft

.abcraft



#### **NIGHTEYE AWNING LIGHT**

A slimline awning light. NightEye 12V White. Available in two lengths with or without sensor.

20007	370 mm
20008	620 mm
20009	370 mm with sensor
20010	620 mm with sensor





#### LABCRAFT LED MAP LIGHT (ML2271)

Slimline design with integrated on/off switch. Very low power. Red and white output. Colour: Black. Supplied boxed.





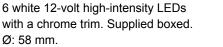


#### LABCRAFT VANLITE FOR T5, T6 & CRAFTER (+2017)

7 times brighter than OEM light using only half the power consumption. Retro fit - quick & easy to install - less than 30 seconds!

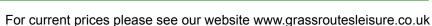


20061



20019 Chrome

Ø: 58 mm.





#### LABCRAFT POWER ASTRO (LL2CW6-0.5)

Compact, long-life and high-intensity Cree LEDs give a wide spread of light. Waterproof to IP66. Quick to install. Supplied boxed. Colour: White. Size: L343 x D31 x H43 mm.



20024



#### LABCRAFT ASTRO (LL2CW500)

LABCRAFT FLUX (F250CW-24)

dimmed to 50% brightness.

Size: L310 x W90 x D10.6 mm.

A slimline, low-profile design that can be

Compact, long-life and high-intensity Cree LEDs give a wide spread of light. Colour: White. Waterproof to IP66. Supplied boxed. Size: L593 x D31 x H43 mm.

#### 20025





#### LOOX 12V LED SENSOR LIGHT

An IP44-rated light suitable for plinths or bed bases. Features an integrated twilight sensor switch that turns the light on when brightness is below 15 lux. Colour : Matt Black or Matt Silver. Other features include:

Integrated motion sensor (delay time approx. 4 minutes). Note: This light is not dimmable. Installation for recess mounting. Number of LEDs: 3 Voltage: 12 V Wattage: 0.3 W. Light colour: warm white (2700 K). Luminous flux: 4 Im Luminous efficacy: 12 Im/W. Energy efficiency class: A+. Sensor range: 0-3000 mm. Ø: 54 mm Depth 15 mm Drill hole: 40 mm. Cable length: 2 m. Guarantee: 7 years. Material: stainless steel and plastic.

20034 Matt Black
20035 Matt Silver





### FLAME 78 SMD

Brushed steel touch control light. 21 SMD; 12V, 1W. Size: Ø 78 mm. Height : 15 mm. Touch Control except Master.

20096	Touch Control
20097	Master



#### FLAME 88 SMD

Brushed steel touch control light. 21 SMD; 12V, 1W. Size: Ø 88 mm. Height : 15 mm. Touch Control except Master.

20098Touch Control20099Master

12 V.

20052

Colour: White.

Supplied boxed.

abcraft

.abcraft

#### LABCRAFT NEBULA

This light has a tough aluminium housing with an integrated on/off switch. It has long-life and high-intensity Cree LEDs. The POWER version (20031) has 6 powerful LEDs offering a more concentrated light output over a shorter span.

Supplied boxed Colour: Silver with dark grey ends Size : 20030 - 590 x 44 x 14.5 mm (L x W x D) 20031 - 367 x 44 x 14.5 mm (L x W x D)

 20030
 Nebula S15CW500S

 20031
 Nebula Power SI-6-0.55

#### LABCRAFT APOLLO (SVCW500)

This light has been designed to offer increased light output. Easy and quick to install. 12 V. Colour: Clear with white ends Supplied boxed. Size: L610 x W37 x D16 mm

20051 24 lights



#### LABCRAFT ORIZON (LEDCW500PV3)

This low-profile light is quick and easy to install. It is waterproof to IP66 and is E-type approved. It can be fixed using double sided tape. Size: L522 x W18 x D11 mm.





### MOBILE INTERNET/AUDIO



#### **TELECO WI-FI ROUTER WFT420/12E**

This device is ideal for campers, motorhomes and horseboxes. It operates at 12 volt and will transform the amplified 4G - 3G booster signal into a Wi-Fi Source that lets you watch movies or your favourite series on NETFLIX on your tablet or SMART TV without any annoying interruptions.

Techincal Specifications:-

- Reception Frequency:- GSM: 900/1800 MHz.
- 3G-UMTS: 2100/900 MHz.
- 4G-LTE0(B20), 900(B8), 1800(B3), 2100(B1), 2600(B7) MHz.
- SIM Card Ready (SIM Card not included).
- 1 Ethernet Port.
- LTE Category 4 Wireless CPE. Excludes SIM Card & Antenna.

30790 WFT402/12E



30792 Wall Fixing Bracket

#### **TELECO EXTERNAL GSM ANTENNA**

The Teleco External GSM Antenna TA095 goes with **30790** Teleco WFT402/12E Router.

30791



#### **KENWOOD KFC-S1366**

Stage sound series, 2 way, 260 W Peak Power, 30 watt RMS pair of flush mount speakers. Cone size : 25 mm.

20081

### KENWOOD



#### AUTOSOUND AS109 DUAL CONE SPEAKERS

Pair of 4" x 6" dual-cone loudspeakers, including grilles, cable set and mounting hardware.

75 watts max power, 25 watts nominal power handling. Impedance  $4\Omega$ . Frequency response 90 - 20,000 Hz. Sensitivity 85 dB. Cone material injected PP.



#### AUTOSOUND ASX542

One pair of 13 cm two way co-axial loudspeakers including grille, cable set, mounting hardware and installation instructions.

200 watt max power, 50 watts nominal power handling, Impedance  $4\Omega$ . Frequency response 70 - 20,000 Hz. Sensitivity 91dB. Cone material injected PP.

Sensitivity 9 rub. Cone material injected FF

20086







The SFlex range of solar panels are ideally suited to leisure applications, with their low profile and flexible construction. Output power available in 100watts (20049) and 160watts (20082). Robust multi-layer construction- with ETFE coating Up to 20 degree flexibility- for mounting onto curved surfaces. 50-60% weight saving- compared to metal framed panels Wafer thin 2mm profile- provides discrete filment with low dra. LED power indicator- confirms panel is producing energy. 2 Cable Length - 1.5metres

20049	100W	1.7 kg
20082	160W	2.5 kg





Teleco Solar Panel Kit - an all-in-one solution to your Solar panel needs. The kit comprises of:-

1x TSP 100 Alucrystal solar panel; 1x 10amp charge regulator (SPC10/1). Solar panel fixing kit - 4 ABS feet and spoiler for quick panel fixing and self tapping screws. 1x SPCA/TSP-Aluminium cable guide through roof; 6 Metre extension cable; 1x Fixing/cleaning kit.

Dimensions: 1195 x 550 x 40 mm. Weight 7.75 kg.

# \*.TELECO

#### SARGENT SOLAR PANEL KIT

The 100 watt panel is designed for use on motor homes and caravans and are ideal for keeping your batteries topped up during storage and providing usable power during the day. This 100 Watt panel is supplied with:-

100 Watt mono crystalline panel (with pre-fitted feet).

Matching Sargent regulator. It is recommended a polyurethane adhesive sealant is used.

Dimensions: 1170 x 534 x 35 mm. Weight : 8.5 kg.

20014





#### TELAIR SOLAR PANEL KIT FOR LARGE VANS

TelAir Solar panel kit. This panel has PERC cells (passivated emitter & Rear cell), which exploit light reflection and improve conversion effciency due to a dieletric lay on the rear sid. Kit comprises of:- Black Mono Crystalline Solar Panel; 6 metres of cable; feet and spoiler. Size: 1230 x 705 x 30 mm (L x W x H). Weight : 10 kg. Ideal for Ducato size vans.

20011 TBS185WS









#### **12 LITRES**

A standard wide neck canister with built in handle. Suitable for fresh water. Colour: White Size: 410 x 255 x 125 mm  $(W \times H \times D)$ Weight: 0.6 kg Outlet: 3/4" BSP Lid: 3"

#### 32022



#### 5 LITRES | 10 LITRES | 25 LITRES

These jerry cans are manufactured from HDPE plastic. They can withstand tough commercial and industrial environments.

HDPE has high impact-resistance and high resistance against many strong and weak chemicals. It is ideal for storing oils, detergents, lubricants and fuels safely. Food grade approved and UN certified, these jerry cans come with a sturdy screw cap for extra protection.

Ideal for leisure vehicles as they can be used with submersible pumps. They are stackable and are available in three sizes:-

#### **5 LITRES**

Colour: White Size: 190 x 260 x 140 mm Size: 230 x 320 x 190 mm  $(W \times H \times D)$ Weight: 0.3 kg Outlet: 2" BSP Lid: 2" 30092

Colour: White  $(W \times H \times D)$ Weight: 0.4 kg Outlet: 2" BSP Lid: 2" 30091

**10 LITRES** 

**25 LITRES** Colour: White Size: 300 x 460 x 240 mm  $(W \times H \times D)$ Weight: 0.8 kg Outlet: 2" BSP Lid: 2" 30090



### **20 LITRES**

A multi wide neck canister with built in handle & tap. Suitable for fresh water.

Colour: White Size: 350 x 300 x 240 mm  $W \times H \times D$ ) Weight: 0.8 kg Outlet: 2" BSP Lid: 3.5"

32024

 $\sim$  $\sim$ 

UK MADE

CESSORIES

ADD ON



#### **JERRY CAN TAP**

Wide nozzle. Available in two sizes:



DIN51 for 30091/30092 30097 30098 DIN61 for 30090 30084 DIN61 for 30090

32083

Lid: 2"

**13 LITRES** 

Colour: White

Weight: 1.8 kg

Outlet: 3/4" BSP

 $(W \times H \times D)$ 

Made from WRAS approved

water. Includes 3/4" BSP tap.

Size: 505 x 325 x 100 mm

polyethylene & suitable for drinking

301

32020 20L

#### 10 LITRES | 20 LITRES | 25 LITRES | 30 LITRES

These heavy duty plastic jerry cans are produced in Italy and made of polyethylene, a plastic material that possesses the HDPE certification. They are suitable for foods and liquids. We offer 4 sizes all with convenient pouring spout.

20 LITRES

#### **10 LITRES**

Colour: White Size: 260 x 360 x 145 mm  $(W \times H \times D)$ Weight: 0.4 kg Outlet: 1/2" BSP Lid: 1.5" 32010

#### **25 LITRES**

Colour: White Size: 340 x 480 x 220 mm  $(W \times H \times D)$ Weight: 0.8 kg Outlet: 1/2" BSP Lid: 1.5" 32025

#### Colour: White Size: 340 x 440 x190 mm $(W \times H \times D)$ Weight: 0.7 kg Outlet: 1/2" BSP 32025 25L Lid: 1.5" 32020

**30 LITRES** Colour: White Size: 340 x 510 x 240 mm  $(W \times H \times D)$ Weight: 1 kg Outlet: 1/2" BSP Lid: 1.5" 32026

#### WASTE/FRESH WATER ROLL TANKS 23 LITRES

Fiamma roll-tanks with fold down handle making them easy to move and store. Compact size - fits through normal sized vehicle doors.

32010

10L

Colour : Blue - fresh water : Grey - waste water Size: 330 x 500 - 1000 x 250 mm (W x H x D) Weight: 3 kg Outlet: 1" BSP Lid: 3"

Waste tank includes discharge cap.





30144 Grey - waste water

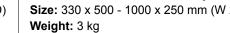


Black plastic 23 litre waste water tank with 2 x 64 mm caps.

Colour: Black Size: 410 x 335 x 210 mm (W x H x D) Weight: 1 kg Outlet: 2" BSP Lid: 2"



30089



For current prices please see our website www.grassroutesleisure.co.uk

### WATER

#### **TOWER TANKS**



#### **25 LITRES**

Made from WRAS approved polyethylene suitable for drinking water & other liquids. Colour: White Size: 260 x 435 x 340 mm  $(W \times H \times D)$ Weight: 3 kg Outlet: 3/4" BSP Lid: 4" UK MADE 32060



#### **28 LITRES**

Made from WRAS approved polyethylene suitable for drinking water & other liquids. Colour: White Size: 200 x 580 x 270 mm  $(W \times H \times D)$ Weight: 3 kg Outlet: 1/2" BSP Lid: 4" Ext Plain

32061





**31 LITRES** Made from WRAS approved polyethylene suitable for drinking water & other liquids. Colour: White Size: 176 x 460 x 436 mm  $(W \times H \times D)$ Weight: 3.5 kg Outlet: 4 x 1/2" BSP - inlet, vent & 2 outlets  $\ge$ Lid: 5" Int Plain

UK MADE

32069



#### **36 LITRES**

Made from WRAS approved polyethylene suitable for drinking water & other liquids. With vented screw cap. Colour: White Size: 290 x 330 x 430 mm  $(W \times H \times D)$ Weight: 3.2 kg Outlet: ¾" BSP Lid: 6" Int Plain 32062



#### FLAT WATER TANKS

PLUMB KIT

32105



#### **12 LITRES**

Made from WRAS approved poyethylene suitable for drinking water & other liquids. Colour: White Size: 200 x 150 x 420 mm  $(W \times H \times D)$ Weight: 1.3 kg Outlet: 2 x 3/4" BSP Lid: 4" Ext Plain



#### 32068



#### **40 LITRES**

32081

WRAS approved polyethylene suitable for drinking water & other liquids. Colour: White Size: 370 x 170 x 750 mm  $(W \times H \times D)$ Weight: 4 kg **Outlet:** 1 x  $\frac{1}{2}$ " inlet & 3 x  $\frac{3}{4}$ " outlet Lid: 5" Int Plain  $\sim$ 





#### **51 LITRES**

Made from WRAS approved povethylene suitable for drinking water & other liquids. Colour: White Size: 400 x 120 x 1200 mm  $(W \times H \times D)$ Weight: 8 kg Outlet: 1/2" BSP Lid: 5" Int Plain



WATER





#### **105 LITRES**

Made from WRAS approved polyethylene suitable for drinking water & other liquids.

Size: 500 x 300 x 750 mm (W x H x D) Weight: 9 kg Outlet: 3/4" BSP Lid: 5" Int Plain



#### 32066







#### **40 LITRES**

Designed for: Generic fit tank, designed to be underslung on a wide range of vehicles for campervan conversions

Made from WRAS approved polyethylene, suitable for potable water.

Complete with 8 x brass M8 moulded threaded inserts for easy mounting. Two moulded brass vents and a moulded inlet with choice of three outlets, one with a sump. Brackets are not supplied or available

Colour: Black Size: 370 x 160 x 750 mm (W x H x D) Weight: 4 kg Outlet: 1 x 1/2" inlet and 3 x 3/4" outlet Lid: 5" Int Plain Unvented



32087



**125 LITRES** Made from WRAS approved polyethylene suitable for drinking water & other liquids. Colour: White Size: 460 x 290 x 1100 mm (W x H x D) Weight: 10 kg Outlet: 3/4" BSP Lid: 8" Int Plain, 8" Int Vent 

32067





#### 63 LITRES

Designed for: RHD VW Crafter/MAN TGE after 2017. MWB/FWD/RWD & 4WD variants.

Made from WRAS approved polyethylene suitable for drinking water & other liquids.

Complete with brass M8 moulded threaded inserts for easy mounting when used with the complete bracket kit. Three moulded brass vents and moulded inlet and outlet with sump.

Colour: Black Size: 283 x 265 x 1332 mm (W x H x D) Weight: 8 kg Outlet: 2 x 3/4" BSP Lid: 5" Int Plain





69 LITRES Designed for: VW T5 (03) - T6.1 (present) excludes 4motion.

Made from WRAS approved polyethylene suitable for drinking water & other liquids. Fits in front of spare wheel to vehciles listed below.

Colour: Black Size: 960 x 225 x 1000 mm (W x H x D) Weight: 9 kg Outlet: ½" BSP Lid: 5" Int Plain



FITTING KIT: INCLUDED

#### 94 LITRES

32077

**Designed for:** VW Crafter / MAN TGE after 2017 MWB in RWD & 4WD variants.

Made from WRAS approved polyethylene suitable for drinking water & other liquids. Complete with brass M8 moulded threaded inserts for easy mounting when used with the complete bracket kit. Three moulded brass vents and moulded inlet and outlet with sump.

Colour: Black Size: 283 x 355 x 1332 mm (W x H x D) Weight: 9.5 kg Outlet: 2 x <sup>3</sup>/<sub>4</sub>" BSP Lid: 5" Int Plain



32082



#### 90 LITRES

**Designed for:** VW Crafter / MAN TGE (after 2017) LWB / XLWB fits FWD, RWD & 4WD variants.

Made from WRAS approved polyethylene suitable for drinking water & other liquids.

Colour: Black Size: 283 x 266 x 2012 mm (W x H x D) Weight: 12 kg Outlet: 1" BSP, 2 x ¾" BSP Lid: 5" Int Plain



32079

FITTING KITS **32102** Rear Wheel Drive **32103** Four Wheel Drive



#### **180 LITRES**

Samus muse

**Designed for:** VW Crafter / MAN TGE after 2017 LWB/ XLWB front wheel drive versions only.

Made from WRAS approved polyethylene for drinking water & other liquids. Will fit left and right hand drive vehicles.

 Colour: Black
 32101

 Size: 1260 x 230 x 1600 mm (W x H x D)

 Weight: 23 kg

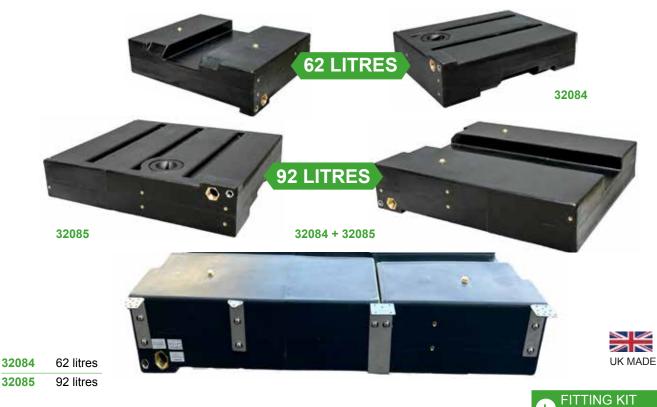
 Outlet: 2 x ½" BSP

 Lid: 5" Int Plain

 32072



UK MADE



Designed for: Ducato/Relay/Boxer 2006+.

Made from WRAS approved polyethylene suitable for drinking water & other liquids. Fiat Ducato/Citroen Relay/Peugeot Boxer 2006+ in L3 & L4 lengths Mounted to the cross members starting 1 complete bay behind the exhaust silencer. Can be fitted as a pair or individually. NOTE : 2 tanks the same size can not be fitted together. Tanks have moulded M8 brass inserts for mounting. Optional stainless steel fitting kit also available.

Colour: Black

Size:

62 litre : 570 x 760 x 180 mm (W x H x D) 92 litre : 890 x 760 x 180 mm (W x H x D)

#### Weight:

62 litre : 8.5 kg | 92 litre : 12 kg Outlet: 1 x 1/2" BSP + 1 x 1 1/4" BSP Lid: 5" Internal



For 62L 32084



For 92L 32085

**FITTING KIT** + 32106

For 62L + 92L 32084+32085



### WATER

**NEW** 

#### WHEEL ARCH TANKS



#### 24 LITRES

**Designed for:** Vans, pick-ups, campers, campervans & motorhomes.



Colour: Black Size: 150 x 500 x 750 mm (W x H x D) Weight: 3 kg Outlet: ½" BSP Lid: 4" Int Plain

32070



NEW



37 LITRES
Designed for: New Ford Custom & VW T7.

Colour: Black Size:  $800 \times 520 \times 200 \text{ mm} (W \times H \times D)$ Weight: 3 kg Outlet:  $1 \times \frac{1}{2}$ " BSP +  $1 \times 1 \frac{1}{4}$  BSP Lid: 5" Unvented lid





#### **31 LITRES**

**Designed for:** Tower wheel arch tank designed for the New Ford Custom & VW T7.

Colour: Black Size: 350 x 750 x 155 mm (W x H x D) Weight: 4.5 kg Outlet: 2 x ½" BSP + 1 x 1 ¼ BSP Lid: 4" Int Plain



32090



57 LITRES Designed for: Vans & pick-ups.

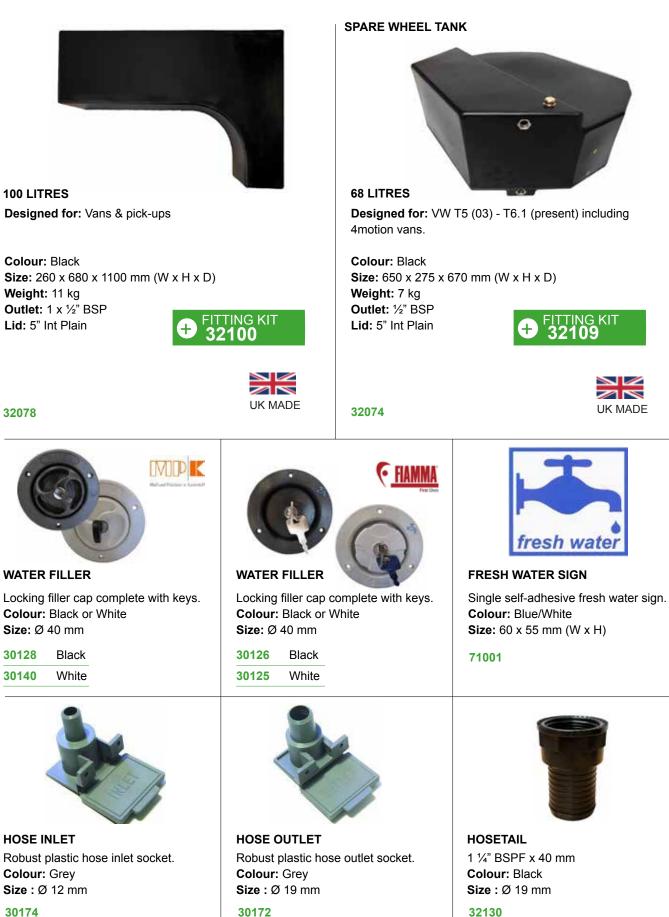
Colour: Black Size: 355 x 500 x 750 mm (W x H x D) Weight: 6.5 kg Outlet: ½" BSP Lid: 5" Int Plain



32075

UK MADE





### **FIXING & CONNECTORS**



### QJ KWIQ FIT OUTLET Colour: Black

32119	1⁄2" Male : 3⁄8" Female
32120	1/2" Male : 3/4" Female
32121	1" Male : ¾" Female
32122	1 ¼" Male : 1" Female
32123	1 1⁄2" Male : 1 1⁄4" Female
32124	2" Male : 1 1/2" Female

#### TANK CONNECTOR

Includes: 1 x back nut (1/2") 1 x washer  $(\frac{1}{2})$ 1 x vent hosetail (1/2"

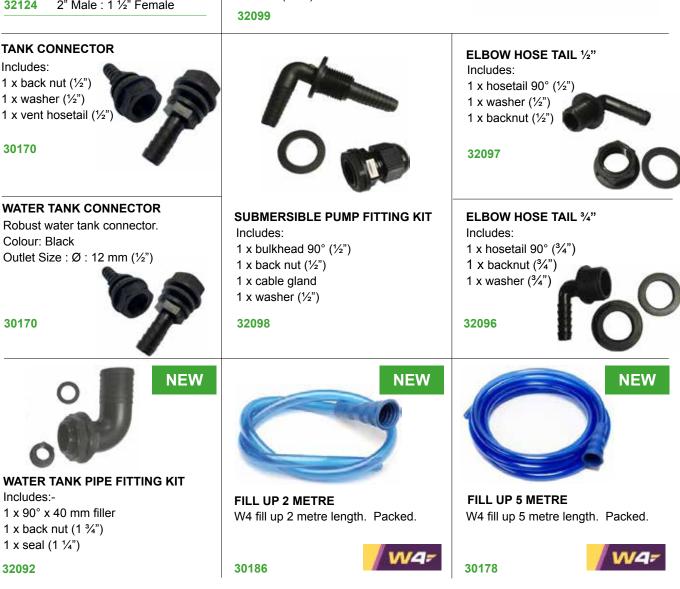
30170

### WATER TANK PIPE FITTING KIT Includes: 1 x 90° 40 mm filler 2 x back nut (1/2") 1 x back nut (1 1/4") 2 x vent hosetail (1/2") 1 x hosetail (3/4") 2 x washer (1/2") 1 x seal (1 ¼")

### WATER TANK LIDS

Spare lids and seals

32133	4" Vented Lid & Seal
32134	4" Water Tank Lid with Seal
32135	5" Water Tank Lid with Gasket
32136	6" Water Tank Lid with Gasket
32137	8" Water Tank Lid with Gasket



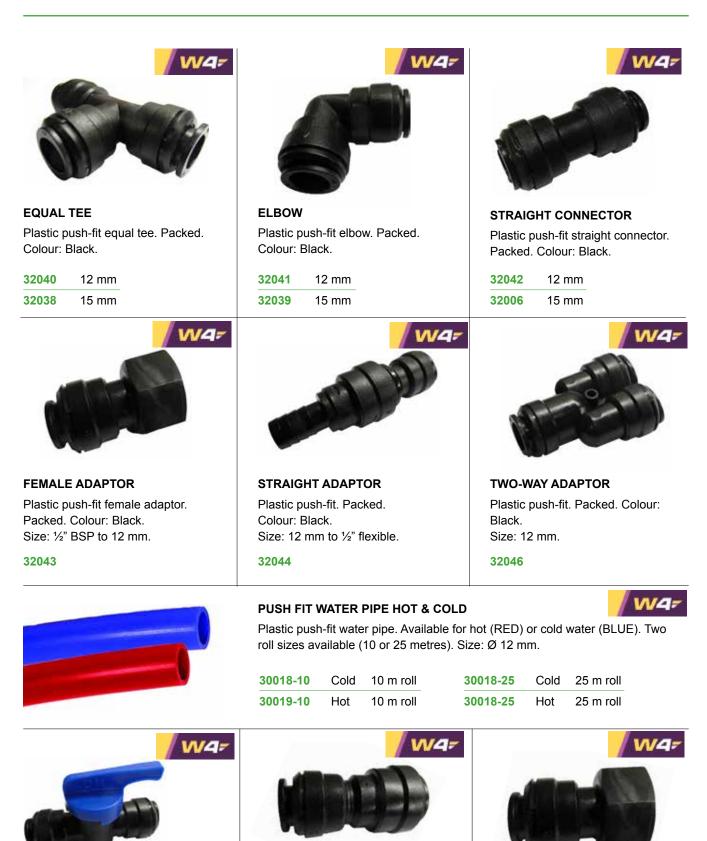
### WATER

### WATER

END PLUG Plastic push-fit end plug. Packed. Colour: Black.	STEM ELBOW Plastic push-fit stem elbow. Packed. Colour: Black.	STEM ENLARGER Plastic push-fit stem enlarger 12-15 mm. Packed. Colour: Black.
<b>31999</b> 12 mm	<b>32018</b> 12 mm	
<b>32036</b> 15 mm	<b>32049</b> 15 mm	32019
wa-	W4F	wa-
STEM ADAPTER MALE	NON-RETURN CHECK VALVE	TOP TAIL ADAPTOR
Plastic push-fit stem adapter Male. W4 Packed. Colour: Black.	Plastic push-fit non-return check valve 12 mm. Packed. Colour: Black.	Plastic push-fit top tail adaptor mail 3/8" - 12 mm. Packed. Colour: Black.
32023 3/8" BSP - 12 mm 32027 1/2" BSP - 12 mm	32034	32009
wa-		
STRAIGHT REDUCER Plastic push-fit straight reducer.	STEM REDUCER Plastic push-fit stem reducer.	
Packed. Colour: Black.	Packed. Colour: Black.	
<b>32021</b> 12 - 8 mm	<b>32007</b> 12-10 mm	
<b>32014</b> 12 - 10 mm	<b>32013</b> 15-12 mm	
	War	
STEM SHUT OFF VALVE	TANK FITTING ASSEMBLY	IN LINE FILTER STRAINER
Plastic push-fit stem shut off valve 12 mm. Packed. Colour: Black.	Plastic push-fit tank fitting assemby. 12 mm. Packed. Colour: Black/white.	Plastic in line filter stainer. 12mm. Packed. Colour: Grey.
32033	32032	32037

### WATER FITTINGS

### WATER



SHUT-OFF VALVE Plastic push-fit shut-off valve. Packed. Colour: Black/Blue. Size: 12 mm.

32045

For current prices please see our website www.grassroutesleisure.co.uk

STRAIGHT REDUCER

Packed. Colour: Black.

Size: 12-15 mm.

32047

Plastic push-fit two-way adaptor.

FEMALE ADAPTOR ASSEMBLY

assembly. Packed. Colour: Black.

Plastic push-fit female adaptor

Size: 3/8" female to 12 mm.

### WATER FITTINGS

### WATER



**BULKHEAD CONNECTOR** 

Plastic push-fit bulkhead connector. 12 mm. Packed. Colour: Black.

### 32008



**COLLET CLIPS** W4 Blue & Red Collet Clips available in bags of 5 W4 packed or bag of 100. Bag of 100



STRAIGHT ADAPTOR MALE Plastic push-fit straight adaptor male 1/2 BSP - 12 mm. Packed. Colour: Black.

32011



ELBOW REDUCER Elbow reducer. 12 - 10 mm. Packed. Colour: Black.

### 32017

Ma



CARAVAN HOSE CONNECTOR Caravan hose straight hose connector 28.5 mm. Packed. Colour: Black. Size: 12 mm. 32035



WASTE WATER DRAIN TAP Waste water 28 mm drain tap. Packed. 30191



Red

30001

30005

Blue

30002

30006

FRESH WATER DRAIN TAP Fresh water 28 mm drain tap. Packed.

30188

Pack of 5



**RATCHET PIPE CUTTER** 6-46 mm PVC ratchet pipe cutter. 42004



**REINFORCED WATER PIPE (HOT & COLD)** Non-toxic flexible hose. Available for hot (RED) and cold (BLUE) water. Size : 1/2" bore x 1/8" wall.

30173	Red - 30 m roll
30176	Blue - 30 m roll





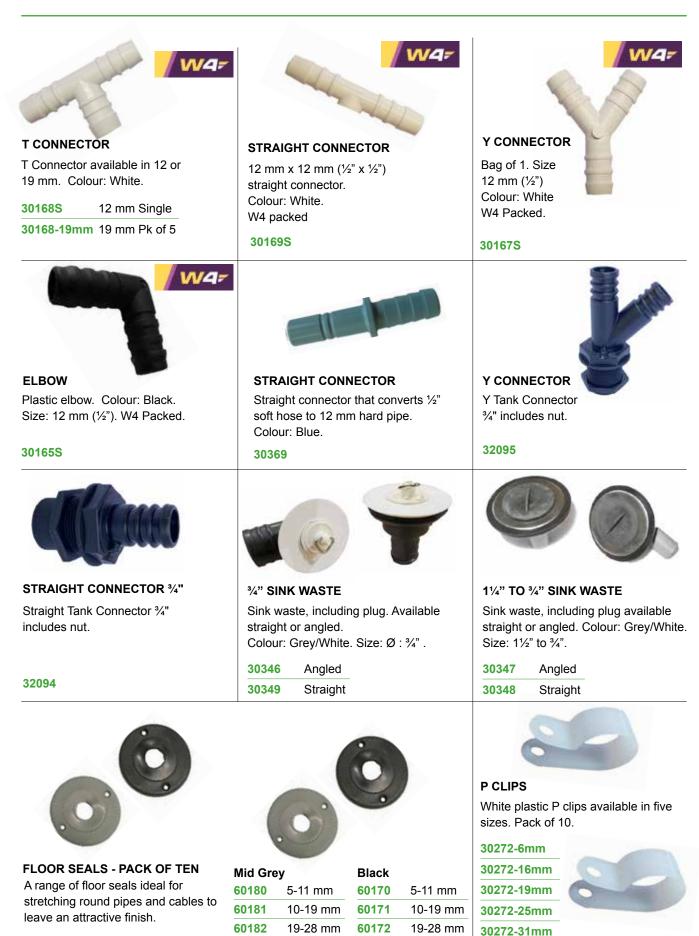
### **CONVOLUTED HOSE**

Flexible waste hose. Colour: Black. Available in 15 or 30 metre rolls. Size: Ø 20.5 mm or 40 mm.

30597	20.5 mm 15 m roll
30598	40 mm 15 m roll
30177	20.5 mm 30 m roll

### WATER FITTINGS

### WATER



### WATER PUMPS

### WATER

COMET GEO INLINE OUTSIDE	COMET GEO INLINE Inline 12-volt water pump. 15	COMET VIP PLUS Immersion 12-volt water	COMET ELEGANT Submersible 12-volt water
Inline outside 12-volt water pump. 19 litres/minute. Power: 15-25 W. 1-metre cable. Size: 150 x 42 mm (H x Ø.).	litres/minute. Power: 15-25 W. 1-metre cable.Size: 150 x 42 mm (H x Ø.).	pump. 20 litres/minute. Power: 35-45 W. 1-metre cable.Size: 123 x 48 mm (H x Ø.).	pump. 10 litre/minute. Power:           10-18 W. 1-metre cable. Size:           123 x 48 mm (H x Ø.).           30078         12 V
30081	30080	30079	30082 24 V
		COMET	
WHALE GP1002	WHALE GP1352	115	A
Standard Pump 10 litres/min 12v.		ill aith	0.
Size: 115 x 36 mm (H x Ø.).	Size: 129 x 36 (H x Ø.).	WHALE GP1652 High flow pump 16 litres/min 12v Size: 129 x 36 mm (H x Ø.).	WHALE GP1332 Superfill pump kit. (3 litres/ minute.
30016 <b>SWhale</b>	30017 SWhale	30020 🕑 Whale	30012 <b>SWhale</b>
WHALE GP1692	WHALE GP1354	WHALE GP1392	WHALE EP1622 High FLow Truma Crystal II
Inline Booster High flow 12v	Premium submersible pump.	Booster premium pump.	
30025	30026	30027	33004
WHALE EP1632	WHALE GP1394	WHALE GP1642	WHALE GP4618
Whale watermaster IC kit inc. hi	Whale Booster premium 24V	Whale watermaster high flow 12v Truma Ultra	Babyfoot standard pump
flow pump. 33005	30028	33006	33008
	winds	<b>S</b> Wha	e FIAMMA
WHALE GP0418	REPLACEMENT LID		First Choice
Whale flipper pump	Whale Watermaster replacement lid - White.		
33007	33010		



#### **UNIVERSAL FRESH WATERPUMP UF0812**

The Whale Universal Freshwater Pump (UF0812) is an onboard mounted electric pump which can be integrated into caravan and marine water systems vertically or horizontally. A particular feature that makes it stand out is the fact you can run your system dry without causing damage to the pump. 12 litre/15 psi. Suitable for use with freshwater. Runs dry without damage. Inlet strainer included. Easy installation – suitable for 15 mm Quick Connect plumbing direct connection.

30030





#### **FIAMMA AQUA 8**

Self-priming 12-volt water pump. Will pump vertically over 3 metres without priming.7 litres/minute, 1.5 bar. Absorption 3.4a. Weight: 1.37 kg. Size:  $160 \times 130 \times 225 \text{ mm} (W \times H \times D)$ .

30076-7	7 Litres	
30076-10	10 Litres	





### FIAMMA AQUA F

Self-priming diaphragm pump with four chambers for potable water designed for a constant and high flow. Equipped with innovative inner membrane made from a single piece to ensure a watertight seal. Also features an anti-vibration base, brass pressure switch with fixed calibration and external filter for easy maintenance. Enhanced motor with high efficiency to ensure high capacity with low power consumption. Can be installed in any position and can run dry without damage.

30073	10 Litres (Excludes Pipe Fittings)
30071	13 Litres (Includes Pipe Fittings)





#### FIAMMA EXPANSION TANK A20

Suitable for all pressure switch pumps. Eliminates the pulsating operation of pressure switch pumps and supplies a constant flow of water, reducing water and electrical consumption. Weight : 0.3 kg.





#### WHALE WATER MASTER SYSTEM: EP1612

A simple way to couple water and electrical connections for the submersible pump to outside water containers. Pump and socket can be disconnected for travelling. 12 V. For use with **33002** Whale water master socket (ES1001). Supplied boxed.

33003

For use with **33003** Whale water master system.

33002

Whale

WHALE WATER MASTER SOCKET: ES1001





SWhale

Aqua F -13 litre

### WATER GAUGES

### WATER





#### LED WATER LEVEL INDICATOR

With one push of the test button, you are able to monitor the water levels of one tank.

There is no need to wire in a 12-volt supply as the LED indicator gauge comes complete with its own battery, which is easily replaced when the need arises. For sender probe see item 20047. **Size:**  $65 \times 65 \times 16 \text{ mm} (W \times H \times D)$ 



Grassroutes

#### LCD WATER LEVEL INDICATOR

These new technology gauges have a coloured LCD analogue display with LED backlighting for crystal clear viewing.

Five levels are displayed. A 12-volt supply is required. These gauges only draw 50 mA so they can be left on without flattening your on-board battery. There is a power on/off switch to turn the gauge off when the caravan is not in use. See item 20047 for sender probe. **Size:** 115 x 108 x 20 mm (W x H x D)

#### 20045



20046





#### SENDER PROBE

This easy-to-fit tank sender probe only requires one 22 mm (7/8") hole in the side of the tank and suits tanks from 100 mm to 280 mm (4" to 11") deep. Length: 5 m.

The sender probe is sealed by a special grommet which is compressed in the hole when the nut is tightened and measures the water level by contact with the five sensors along the arm. It has no moving parts. For use with 20045 & 20046.

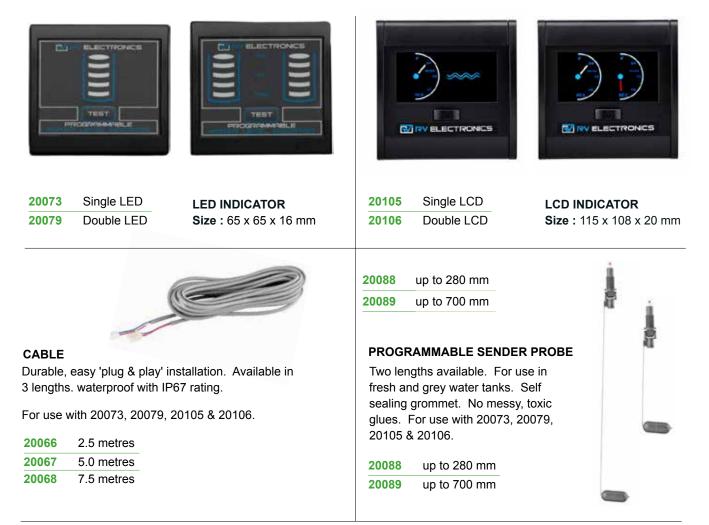
#### 20047

For current prices please see our website www.grassroutesleisure.co.uk

### PROGRAMMABLE WATER TANK GAUGE

Programmable LED/LCD water tank indicator. Comes preprogrammed to suit standard sender and 180/200 mm deep tanks. LED is battery operated. LCD is 12V operated.







#### **RV ELECTRONICS SMART SIGNAL CONVERTER (SSC)**

The RV Electronics smart signal adapter is deigned to effortlessly integrate their range of water level sensorts into a wide variety of display systems on the market.

Whether you are building from a new system from the ground up or updating your current system, the smart signal converter will make the conversion a simple process.

Size: 90 x 100 x 20 mm (W x L x D)

### PORTABLE TOILETS

### WASHROOM



#### THETFORD PORTA POTTI 335 QUBE

Manual piston pump. 10-litre flush water tank.

Fitted with integrated pour-out spout. 10-litre waste holding tank. Level indicator.

Colour: White. Size: 342 x 313 x 382 mm (W x H x D).

30311





DOMETIC 972G Portable toilet with 360° pressurised flush. 8.7-litre flush water tank. 9.8-litre waste tank. Weight: 4.68 kg. Colour: White/Grey. Size: 333.5 x 317.5 x 387.35 mm (W x H x D). 30324



#### FIAMMA BI-POT 30

A simple, compact, strong and self-contained fresh water flush portable toilet.

Colour: White. Upper tank capacity: 10 litres. Lower tank capacity: 11 litres. Weight: 4.1 kg. Size: 360 x 300 x 440 mm (W x H x D).

30340



#### **FIAMMA BI-POT 34**

A simple, compact, strong and self-contained fresh water flush portable toilet.

Colour: White. Upper tank capacity: 15 litres. Lower tank capacity: 13 litres. Weight: 4.6 kg. Size: 360 x 340 x 430 mm (W x H x D). **30086** 



• FIAMMA

#### FIAMMA BI-POT 39

A simple, compact, strong and self-contained fresh water flush portable toilet.

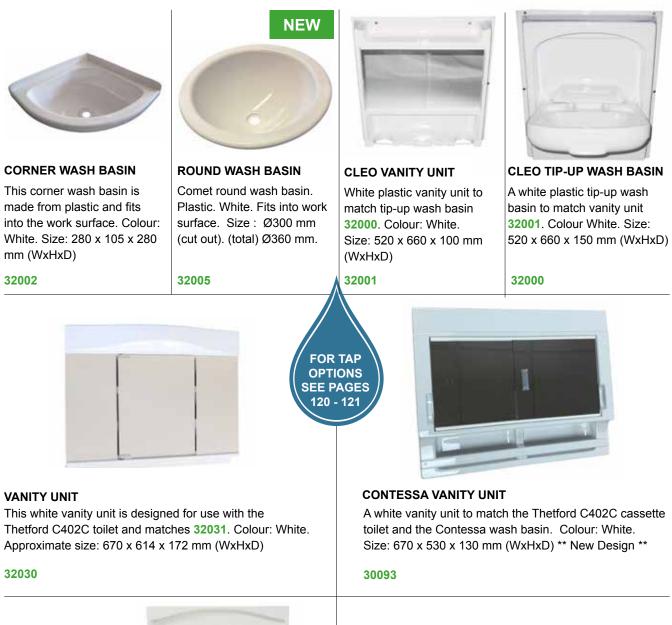
Colour: White Upper tank capacity: 15 litres. Lower tank capacity: 20 litres. Weight: 4.6 kg. Size: 360 x 390 x 430 mm (W x H x D).

30341

### ∧> DOMETIC

### WASH BASINS & VANITY UNITS

### WASHROOM



#### **TIP-UP WASH BASIN**

This white tip-up wash basin is for use with the Thetford C402C toilet and matches **32030**. For tap use **70020**.



Approximate size: 670 x 875 x 190 mm (WxHxD)

For shower tray, see item 30299

32031

#### CONTESSA TIP-UP WASH BASIN

A white tip-up wash basin to match the Thetford C402C cassette toilet and the Contessa vanity unit. For tap, use item 70020. Colour: White.

Approximate Size: 670 x 870 mm (W x H)

For shower tray, see item 30299.



## SHOWER TRAYS/WASHROOM TAPS

### WASHROOM



### WASHROOM TAPS

### WASHROOM

COMET



COMET ROMA MIXER TAP

Hot & Cold single lever plastic mixer tap with spray outlet 30° and micro switch. Connection: Nylon flexible 350 mm ½" barbed hose tail. Thread/mounting hole: 1". Colour: Chrome. Supplied packed.

70002	Chrome without Microswitch
70002M	Chrome with Microswitch



COMET CAPRI KOMPAKT MIXER

Hot & cold single lever plastic mixer tap with spray outlet with rotable outlet. Spout length : 170 mm. John Guest end connectors. 32 mm Mounting hole. With microswitch.

70023 Satin Black



PARMA SHORTY SHOWER TAP

Hot & cold trigger shower with short spout and microswitch. Retractable metal shower hose approx. 900 mm. Colour: Chrome. Connection: pipe/ nylon flexible 250 mm ½" barbed hose tail. Thread/mounting hole: 35 mm.

### 70020



**COMET ROMA MIXER SHOWER** Single lever mixer with trigger shower head. Outlet length: 150 mm. Mounting Hole: Ø33 mm. Useable hose length:1170 mm.

70003 Roma Shower Tap 70200 Replacement Shower Head



### COMET FLORENZA SHOWER TAP

Hot & cold mixer shower with threaded outlet for shower hose with microswitch. Ideal for external showers. Colour: Chrome. Connection: nylon flexible 350 mm 1/2" barbed hose tail. Thread/mounting hole: 1". Outlet: shower connection 1/2". 70202



### FLORENZ KOMPAKT MIXER

Hot & cold mixer shower with threaded outlet for shower hose with microswitch. Ideal for external showers. Connection: nylon flexible 350 mm. Thread/mounting hole: 1". Outlet: shower connection 1/2".

70206Black : Barbed hose tails70207Black : John Guest Ends



ELEGANCE SHOWER RT2500 Comes with approx. 1200 mm flexible hose. Designed for use with manual or electric pump supply systems. Colour: White.

70205





EASI-SLIDE WATER OUTLET

Whale Easi-Slide cover with water outlet. Complete unit. Colour: White. Packed.



White Black

Bullfinch external shower point with

1.5 m hose and swivel head. Colour:

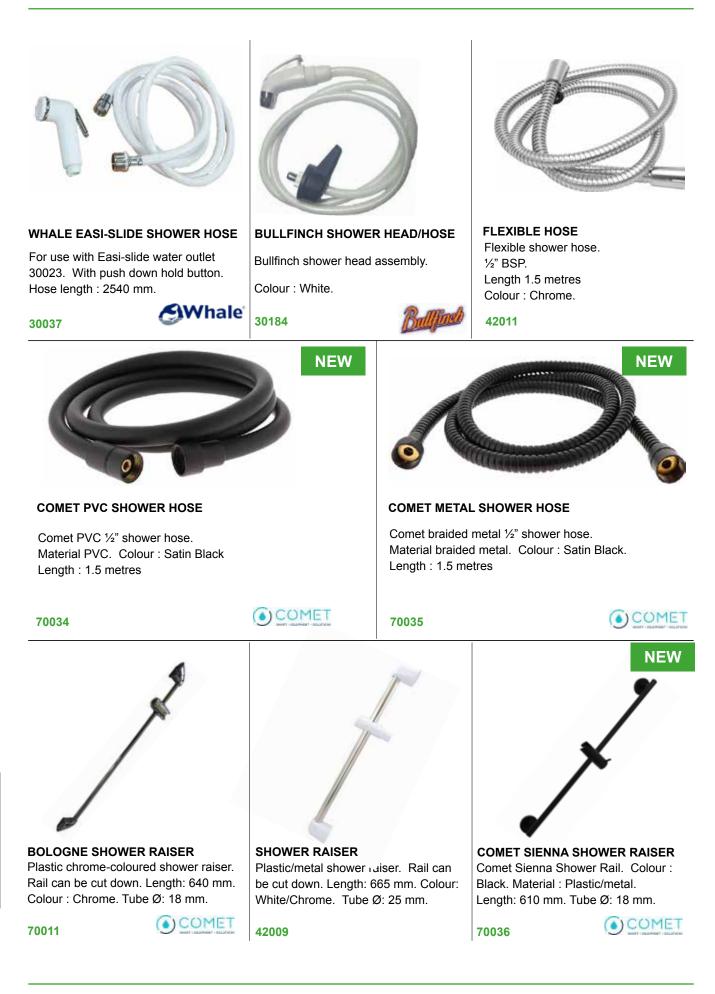
**EXTERNAL SHOWER POINT** 

Black or White. Packed.



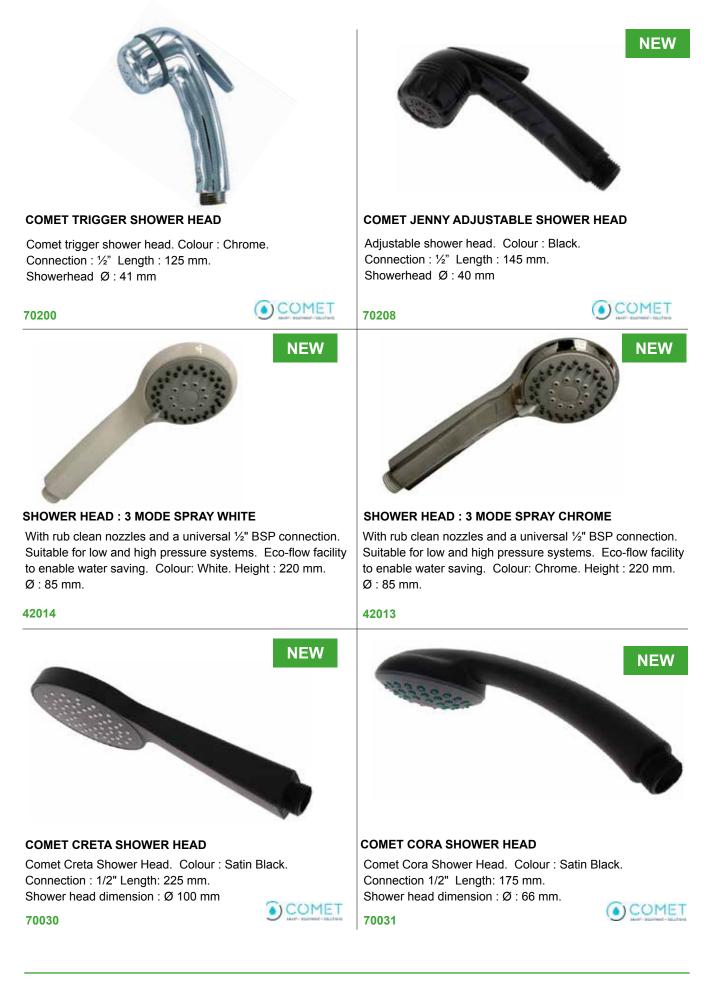
For current prices please see our website www.grassroutesleisure.co.uk

## SHOWER ACCESSORIES



### SHOWER ACCESSORIES

### WASHROOM



### AWNINGS

## **EXTERNAL FIXTURES & FITTINGS**

В

C

FIAMMA F808

8,5 cm

13,6 cm





Enhances any motorhome or campervan. These awnings are user friendly, silent and fast to erect. Made from aluminium. Excludes fixing brackets.

Product Code	Colour	Awning length (A)	Canopy length (B)	Extension length (C)	Shape surface	Net Weight
30600-2.3	Black/Grey	2310 mm	2140 mm	1500 mm	3.2 m²	16.5 kg
30600-2.6	White/Grey	2630 mm	2470 mm	2000 mm	4.9 m²	19.5 kg
30601-2.6	Black/Grey	2630 mm	2470 mm	2000 mm	4.9 m²	19.5 kg
30602-2.6	Titanium/Grey	2630 mm	2470 mm	2000 mm	4.9 m²	19.5 kg
30600-3.0	White/Grey	3080 mm	2920 mm	2500 mm	7.3 m²	23 kg
30601-3.0	Black/Grey	3080 mm	2920 mm	2500 mm	7.3 m²	23 kg
30602-3.0	Titanium/Grey	3080 mm	2920 mm	2500 mm	7.3 m²	23 kg
30601-3.25	Black/Grey	3230 mm	3070 mm	2500 mm	7.7m²	26 kg

### **FIAMMA F80S AWNINGS**

An awning with an extremely small cross-section to integrate it even better into the vehicle's contour.

30633

Product Code	Colour	Awning length (A)	Canopy length (B)	Extension length (C)	Shape surface	Net Weight
30605-3.2	Black/Grey	3200 mm	3080 mm	2500 mm	7.7m <sup>2</sup>	29 kg
30605-3.7	Black/Grey	3700 mm	3580 mm	2500 mm	9.0m²	32 kg



12V motor kit that

opens/closes F45S



**F45S RAIN GUARD** F45S rain guard. 3 metre length.



F80 MOTOR KIT 12V motor kit that opens/closes F80S awnings. 30635

## 30632 Silver awnings.

Black

**F45S MOTOR KIT** 

30631

AWNING BRACKETS			
Product Code	Vehicle	Awning	
30473	Thule Awning Bracket : VW Crafter	F45S/Thule/Dometic	A
30475	Thule Awning Bracket : Ford Custom	F45S/Thule/Dometic	
30476	Thule Awning Bracket : Renault Trafic	F45S/Thule/Dometic	100
30654	T5/T6 multi-van with lift up roof : Silver	F45S/Thule/Dometic	
30641	T5/T6 multi-van with lift up roof : Black	F45S/Thule/Dometic	
30657	T5/T6 with multi rail (Brandup lift up)	F45S/Thule/Dometic	AWNING ARM LED LIGHT
30684	New Ford Custom (2024+)	F45S/Thule/Dometic	4 LED lights (2 pairs) that attach
30685	Renault Trafic 2015 onwards	F45S/Thule/Dometic	to the articulated arm of the
30689	Crafter/MAN 2016+ Excl. Roof Rail	F80S	awnings (allows closure of awning).
30690	VW Crafts after 2017	F80S	Complete with 5m of cable for quick
30692	VW Crafter/Sprinter 2006-2016	F80S	Connection.
30681	Crafter/MAN 2016+ Excl.Roof Rail (RH)	F80S	Suitable for E4E & E90 ownings
30695	Ducato/Boxer/Jumper H3 /2006>	F80S	Suitable for F45 & F80 awnings.
30696	Dometic Awning Bracket : T5/T6	Dometic	30634 <b>• HAMMA</b>

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## **EXTERNAL FIXTURES & FITTINGS**

### DOMETIC



### DOMETIC PERFECTWALL

The Dometic awning innovative design improves both safety and convenience and has patented slide-out support legs and features an EasyLock system that assists operation.

Product Code	Description	Fabric Colour	Housing Colour	Extension	Length	Weight
30701-2.6	Dometic PW1000	Horizon Grey	Anthracite	2000	2632	21 kg
30701-3.0	Dometic PW1000	Horizon Grey	Anthracite	3000	3032	24 kg
30696	30696 Dometic awning bracket for VW T5/T6					



### FIAMMA STORM TIE DOWN KIT

<u> FIAMMA</u>

Fiamma tie down kit comprises of 11 metres of black adjustable band, stakes and tension spring. It fits crank awnings up to 6000 mm long 30698



FIAMMA AWNING HANGER KIT Set of six durable plastic hangers with stainless steel 'S' hook. Colour: Grey. 30699



**THULE LEVELLER & BAG** Ramps with 3 different height levels. Colour : Black. UV reistant durable HDPE Material. 30589

FIAMMA SPARES NOW AVAILABLE - CONTACT US FOR DETAILS

### **ROOF VENTS**

### **EXTERNAL FIXTURES & FITTINGS**





#### **MICRO HEKI**

### **>> DOMETIC**

This ultra-compact roof light was specially designed for the bathroom area. It fits into a roof opening of 280 x 280 mm and can be opened and closed with a hand-lever system.

Ventilation opening angle: 100 cm square Opening Width: 238 mm; Opening Height: 205 mm Cut Out : 280 x 280 mm Weight: 1.7 kg.

20260	with forced ventilation + flyscreen
20261	without forced ventiation + flyscreen
20262	with forced ventilation + flyscreen + blind
20263	without forced ventilation + flyscreen + blind



#### MICRO HEKI ASSEMBLY KITS:-

24-25 mm	20265	43 mm	20265+20275
26-27 mm	20266	44-45 mm	20266+20275
28-29 mm	20267	46-47 mm	20267+20275
30-31 mm	20268	48-49 mm	20268+20275
32-33 mm	20269	50-51 mm	20269+20275
34-35 mm	20270	52-53 mm	20270+20275
36-37 mm	20271	54-55 mm	20271+20275
38-39 mm	20272	56-57 mm	20272+20275
40-41 mm	20273	58-59 mm	20273+20275
42 mm	20274	60 mm	20273+20275



Micro Heki Adapter Frame



### MINI HEKI STYLE

This compact roof light admits just the right amount of light into the interior. Opens to three positions: fully open, half-open and bad-weather position.

Maximum opening angle: 50°; Opening width: 380 mm; Opening Height: 370 mm. Cut-Out: 400 x 400 mm; Weight: 3.3 kg.

30250	with forced ventilation roof thickness 25-42mm
30257	without forced ventiation roof thickness 25-42mm
30395	with forced ventilation roof thickness 43-60mm
30397	without forced ventilation roof thickness 43-60mm



20275

### MIDI HEKI STYLE

This upgraded version has improved safety features, aerodynamics, appearance and maintenance. With well-proven benefits such as the darkening blind and fly screen, as well as hassle-free cleaning, it ensures comfort and convenience while you're on the road.

Maximum opening angle: 45° Opening width: 585 mm; Opening Height: 404 mm. Cut-Out: 700 x 500 mm; Weight: 8.4 kg.

30370	White with lever + forced ventilation
30372	White with lever withouth forced ventilation
30331	Grey with lever + forced ventilation

## ROOF VENTS

## **EXTERNAL FIXTURES & FITTINGS**



30251C Crystal



30456

Crystal

### **ROOF VENTS**

## **EXTERNAL FIXTURES & FITTINGS**





#### MPK VISION VENT S ECO MODEL 27MM

Aerodynamic vent that drains away condensed water. Strong UV fiter. Telescopic handles with locking device. Removable framed flynet. Roller blind. For roof thicknesses: 24-56 mm. Dimensions : 280 x 280 mm. Colour : White.

30262	S Eco Model 27	
30511	Ducato Fitting Frame	





#### MPK VISIONSTAR M PRO 2 MODEL 49P

This vent has tinted glass/double glazed dome. The interior frame has a pleated blind and flynet. Improved noise reduction. For roof thicknesses : 25-60 mm. Dimensions: 400 x 400 mm. Colour : White.

### **NEW OPTIONS**

30264	Non-Vented
30273	Vented
30274	Vented with LED lights
30512	Ducato Fitting Frame



### **ROOFLIGHT MODEL 42**

This vent come with a removable framed flynet. It has telescopic handles with locking device. For roof thicknesses: 24-56 mm.

Dimensions: 400 x 400 mm. Colour : White.

30265	Model 42 Rooflight	
30512	Ducato Fitting Frame	
		ARCH CONTRACTOR OF





#### MPK VISIONSTAR L PRO MODEL 75P

This vent has tinted glass/double glazed dome. The interior frame has a pleated blind and flynet. Easy operation. Improved noise reduction. For roof thicknesses : 25-60 mm. Dimensions: 700 x 500 mm. Colour : White.

### **NEW OPTIONS**

30371	Non-Vented
30269	Vented
30374	Vented with LED lights
30513	Ducato Front Fitting Frame
30514	Ducato Rear Fitting Frame



### **EXTERNAL FIXTURES & FITTINGS**

### MPK ROOF VENT SPARES



MPK Roof Vent Product	Model	Replacment Dome Part No,	Replacement Inner Frame Part No.	Replacement Flynet Part No.
VisionStar L	7503	30243	30233	N/A
VisionStar M	4903	30237	30236	N/A
Model 42	420	30245	30246	30226
Vision Vent S Eco	2753	30219	30234	N/A





30233



30226

30246







30236



30245





FIAMMA VENT EXTENSION KIT Extension kit suitable for Fiamma roof vents.



### MPK MAINS INLET REPLACEMENT LID

Replacement flap lids for the MPK flush fitting hook up adapter part numbers 30222W & 30222B. Available in Black or White.

30231 Black 30232 White





### STEPS

### **EXTERNAL FIXTURES & FITTINGS**



#### **THULE MANUAL STEP 400**

The Thule Omnistep 400 is a manual slide-out step featuring an anodised aluminium step with aluminium side plates.

Other features include:

- · Locks into closed position.
- Installation brackets: different heights: 9/35/62/88 mm.
- Weight: 4.7 kg.
- Step width: 406 mm.
- Total width of step: 485 mm.
- Meets European EN 1646 standard.

#### 20210





### **ELECTRIC STEP 400 : FIAT DUCATO EURO 6**

The Thule Omnistep Electric 400 is a 12-volt electric step featuring an anodised aluminium step with aluminium side plates. It has the same features as the standard THULE electric 400 step (part 20200) but has been designed to fit the Fiat Ducato EURO 6.

Meets with European EN 1646, EMV and CE standards.

### 20211 Step

20223 Fitting kit





### **THULE ELECTRIC STEP 400**

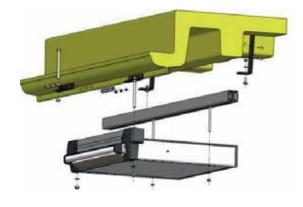
The Thule Omnistep Electric 400 is a 12-volt electric step featuring an anodised aluminium step with aluminium side plates.

Other features include:

- Sensor switch for connection of a warning light/buzzer (excludes warning light) so that you can't unknowingly drive away with step extended.
- Size: 406 x 452 x 436 mm.
- Weight: 4.7 kg.
- Step width: 406 mm.
- Total width of step: 485 mm.
- Meets with European EN 1646, EMV and CE standards.







### THULE ELECTRIC STEP 400 : FITTING KITS

20216	Renault Master 2010+
-------	----------------------

- 20217 Mercedes Sprinter 2006+
- 20218 Ford Custom 2015 onwards

**THULE RELAY** Relay for the Thule 400 step..



### **EXTERNAL FIXTURES & FITTINGS**



#### **TELECO WING DIGITAL TV ANTENNA**

This mini antenna is designed to receive UHF channels. It features a special circuit configuration and a high gain amplifier, making it possible to receive.

VHF B3 programmes. It is supplied with 5 metres of coaxial cable, connecting plug, amplifier, 2 outputs for TV sets and 4G filter. Power supply: 220 V, 12 and 24 V. Size: Ø : 310 mm

30603





### **TELECO TELEPLUS X2/39U DIGITAL TV AERIAL**

This TV aerial is designed and manufactured to gain higher sensitivity to weak signals. Uses a polarity direction mechanism to receive all digital and analogue TV signals that are transmitted on both horizontal and vertical polarity with top performance. The pack includes:

Low-noise amplifier with adjustable gain.

Double pole.

High gain 38 dB (with amplifier).

Power supply: 12/230 V. 390 mm mast for installation inside a suspended wall unit.

30619





TV / CIGARETTE POINT Berker 12-volt cigarette & TV socket. Packed. Colour: Anthracite. Size: 60 x 60 mm (W x H).

20248





**BERKER TV/SATELLITE POINT** 

Berker TV/satellite socket. Colour: Anthracite. Packed. Size: 60 x 60 mm (W x H).



## **EXTERNAL FIXTURES & FITTINGS**



This model is designed for small to medium sized vehicles. The Freshjet FJX4 1500M roof air conditioner quickly cools the vehicles interior with its two way air distribution system. It also dehumidifies the air and filters out dust particles. Powerful but quiet it ensures travellers can enjoy a comfortable journey. It has manual contols that set the deisred temperature and airflow

#### DOMETIC FRESHJET FJX4 1700 AND 200

Fresh design, superior cooling performance, optimized airflow, amazing quiet operation - these are the outstanding features of Dometic's new generation of RV air conditioners. The two electronic models in the new Freshjet FJX4 series come with a convenient touch control panel, advanced CleanAir technology, remote control and a LED ambient light. The Freshjet FJX4 2200 has soft start-function, that ensures hassle free operation even on camp sites with low electrical circuit performance.

FRESHJET MODEL	FJX4 1500M	FJX4 1700	FJX4 2200	
Product Code	29016 Black 29017 White	29018 Black 29019 White	29020 Black 29021 White	
Best length of vehicle	5.5 metres max	6 metres max	7 metres max	
Compressor cooling capacity	1500 watts/5800 Btu/h	1700 watts/7500 Btu/h	2200 watts/7500 Btu/h	
Heating capacity	no heating	800 watts	1000 watts	
Current Consumption Cooling (A) Heating (A)	<3.3 No heating	3.6 <5.2	4.8 <5.2	
Input voltage	220-240 volts AC/50 Hz	220-240 volts AC/50 Hz	220-240 volts AC/50 Hz	
Required circuit protection	4	4	5	
Refrigerant	R407c	R32	R32	
Dimensions (W x H x D) mm	752 x 225 x 702	752 x 225 x 702	752 x 225 x 702	
Roof opening (W x D) mm	400 x 400	400 x 400	400 x 400	
Roof thickness	25-60 mm	25-60 mm	25-60 mm	
Weight	25.8 kg	29 kg	30.4 kg	
Test marks	E-approved to EMC / automotive directive			
Domestic FreshJet FJX ADBE Air distributor box, electronic control panel, LED lighting		Included	Included	
Domestic FreshJet FJX ADBM Air distributor box, manual control	Included			
Dimensions (W x H x D) mm	579 x 59 x 518	579 x 48 x 518	579 x 48 x 518	
Weight (kg)	4.2	3.9	3.9	

### BIKE RACKS/LADDERS

### **EXTERNAL FIXTURES & FITTINGS**



#### **THULE WANDERWAY : VW T6 TAILGATE**

For the VWT6 minivan (not suitable for VW T5). It carries 2 bikes and can be expanded up to 4 bikes by adding a third and fourth bike rail. See website for detailed information.



30579



### **BIKE RACK:VW CRAFTER/MAN 2017>**

A solid steel frame is installed utilising the standard anchoring points on the vehicle. Transports up to three bikes, and the rear double doors can also be opened when the bike carrier is installed.

DELUXE DJ DUCATO LADDER

Supplied with fixing bars. It can be

combined with Carry-Bike 200 DJ.

after 2006 before 2011.

30655

Compatible with Fiat Ducato, Citroën

Jumper and Peugeot Boxer after 2006

and Ford Transit with double rear doors



#### **BIKE RACK:VW T5 (BARN DOORS)**

VW T5 (> July 2003) with barn doors. Easy installation. No drilling to vehicle required. Supplied with 2 x rail quick red; 1 x Bike Block Pro 1 & 3; 1 x rack holder. Carries two bikes.

30539D

THULE



### **DELUXE DJ DUCATO H3 LADDER**

Supplied with fixing bars. It can be combined with 200 DJ DUCATO Bike rack. Compatible with Ducato Jumper H3 and Boxer H3 after 2006 and Transit with double rear doors after 2006 and before 2011.

30650





### FIAMMA BIKE RACK : VW T6 PRO

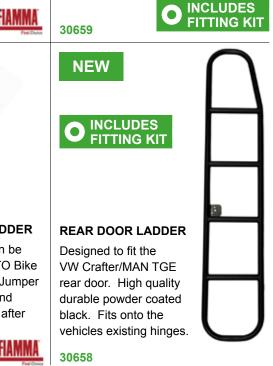
To be installed on the back wall of the vehicle with brackets supplied. Capacity two bikes carried as standard; up to four with extra rails and additional bike blocks. Maximum load: 60 kg. Supplied with 2 x quick/premium rails; 1 x Bike Block Pro and 2 x Bike Block Pro D. Colour: Black

30578B



### SPARE WHEEL CARRIER

Designed to fit the VW Crafter/MAN TGE rear door. High quality durable powder coated black. Fits directly onto vehicles hinges.





### TOWING

### **EXTERNAL FIXTURES & FITTINGS**



AWNING RAIL SPREADER Metal awning rail spreader. W4 packed.





JOCKEY WHEEL Kartt ultimate caravan jockey wheel. Ø: 220 mm

### 30825





UK PLATE STICKER Available with white or yellow UK with untion jack. Size : 40 x 110 mm.

42040	White UK
42041	Yellow UK



LEVELLER Target leveller. W4 packed.

42042



HEAVY DUTY JOCKEY WHEEL Kartt anti slip ribbed heavy duty jockey wheel. Ø: 220 mm.

30826





**TRACKING FITTED STICKER** W4 tracker fitted sticker. 110 x 65 mm

42036	For Caravan
42037	For Motorhome



AWNING LUBRICANT W4 Awning Rail Lubricant.

30143



ELECTRIC WINCH Kartt electric winch. 4500 lbs. 12 volt. Synthetic rope. 30820



OVAL UK STICKER Available in two sizes. W4 packed.

42039	140 x 100 mm
42038	180 x 130 mm

### **EXTERNAL FIXTURES & FITTINGS**



#### **KAMPA TRIP**

43065

The Trip guarantees a fast set up and take own even when touring solo. Packed with features including a large wet weather entrance, two full height windows with roll down blinds and a generous roll to side front door. The connecting tunnel has a convenient side door for easy access. Fibreglass frame. Clip in ground sheet, mesh front door. Weathershield TM 68D material.

Size : 2900 x 1800 mm (W x D). Tunnel width : 2900 mm. Tunnel Depth : 900 mm. Height at front : 2050 mm. Connection height : 1800 - 2100 mm. Weight : 9.95 kg.



#### KAMPA TRIP AIR

The Trip Air guarantees a fast set up and take own even when touring solo. Packed with features including a large wet weather entrance, two full height windows with roll down blinds and a generous roll to side front door. The connecting tunnel has a convenient side door for easy access. Clip in ground sheet, mesh front door. Weathershield TM 68D material.

Size : 2900 x 1800 mm (W x D). Tunnel width : 2900 mm. Tunnel Depth : 900 mm. Height at front : 2050 mm. Connection height : 1800 - 2100 mm. Weight : 11.75 kg.

#### 43064



#### **KAMPA TOURING AIR**

Designed to sit along side your camper van, the Touring Air provides the maximum amount of space without extending beyond your pitch. Has spacious living area, full height windows, mesh ventilation and large four berth inner tent. Other features include multi-point inflation. Durable air poles that inflate for simple set up and take down. Size : 6100 x 2800 mm (W x D). Tunnel Width : 2900 mm. Tunnel Depth : 900 mm. Connection Height : 1800 - 2100 mm. Height at front : 2100 mm. Weight : 22.19 kg.



KAMPA BILLY KETTLE Kampa Billy Kettle Fog Grey - 2 litres

43085

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