



# About National Luna - 30 Years

National Luna was originally established in the late 1980's as a manufacturer of 12-volt fluorescent lighting. By the early 1990's National Luna became active in the solar market where rapid expansion was being made in the areas of low-cost housing and remote medical facilities. One of the greatest demands at the time was that of medical vaccine refrigeration which had to meet the strict World Health Organisation's (WHO) standards.



National Luna was able to develop a locally assembled refrigeration unit which met the specifications of the WHO. This refrigerator became popular with the 4x4 and recreational markets.

During 1998 it was decided to develop a full range of specialised 4x4 refrigerator / freezer units, and expand the well-established lighting range. Over the years, Portable Refrigeration and Lighting ranges evolved into highly efficient, compact products, which were more suited for the off-road and caravan industry.

To compliment the existing products, National Luna developed a range of battery management devices which could be used to control the charging of auxiliary batteries in off-road vehicles, caravans, trailers and boats.

## Our Products

National Luna manufactures a wide range of specialist 12-volt products aimed at the 4x4 and caravan industry.

Our products are developed and manufactured in South Africa with strict quality and performance requirements ensuring that our customers have piece-of-mind when travelling to remote environments.

In addition to our range of refrigeration, lighting and battery management products, a wide selection of accessories ideal for customising your installation are available.

As the demand increased for National Luna products, they became more popular and recognised for their quality, the requirements for highly specialised equipment and improved production techniques grew.

In addition to the high attention to build quality, every National Luna product is extensively tested before leaving the factory, ensuring defect-free, reliable operation in the harshest of conditions.








## Our Customers

National Luna currently has a local distribution network of over 350 independent retail outlets and service centres as well as supplying to manufacturers of caravans, emergency vehicles, mobile homes, touring buses and off-road trailers.

In addition to our local supply network, National Luna has expanded into international territories including Europe, UK, Australia and North America.



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**Some products are available without packaging as BULK  
(a minimum order quantity applies)**



# Portable Refrigeration

## Legendary Classic Range

Developed for performance at high ambient temperatures, minimum power consumption and overall operating efficiency, these fridges are recognised as the most powerful in the world.

The National Luna Classic range starts with a 40-litre unit that's ideal as a short-haul refrigerator or dedicated freezer, and extends to a massive 125-litre unit developed for commercial catering, major expeditions and tour operators.

Low power consumption is achieved using 60mm high-density insulation and a very compact design.

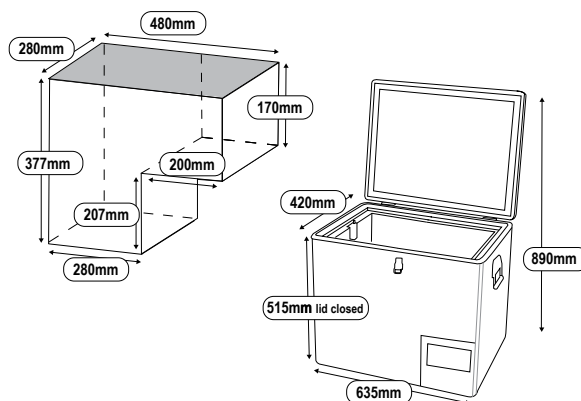
### NL 40 Refrigerator / Freezer

- Thermostat range 20°C to -30°C
- 9.6~31Vdc & 100~240Vac
- 3 x Basket - (optional)
- 39.3 L
- 635 x 420 x 515mm (Closed)
- 635 x 420 x 890mm (Open)
- Weight - 25.7 kg

Order Stock Code:

**FRI-10400 S/Steel**  
3 x baskets supplied

**FRI-10401 S/Steel**  
no baskets supplied



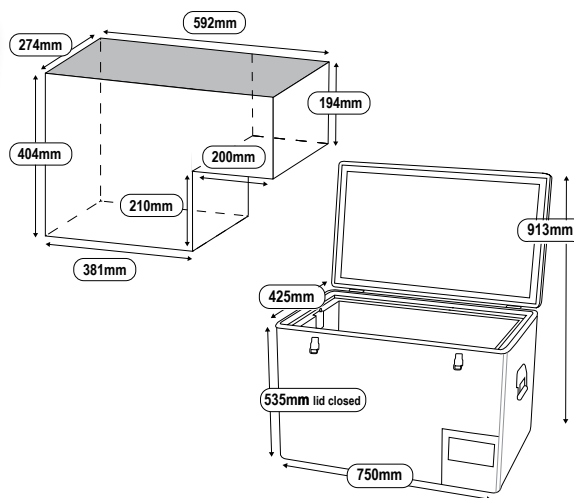
### NL 55 Refrigerator / Freezer

- Thermostat range 20°C to -30°C
- 9.6~31Vdc & 100~240Vac
- 3 x Baskets - (optional)
- 53.5 litre capacity
- 750 x 425 x 535mm (Closed)
- 750 x 425 x 913mm (Open)
- Weight - 26.6 kg

Order Stock Code:

**FRI-10550 S/Steel**  
3 x baskets supplied

**FRI-10551 S/Steel**  
no baskets supplied



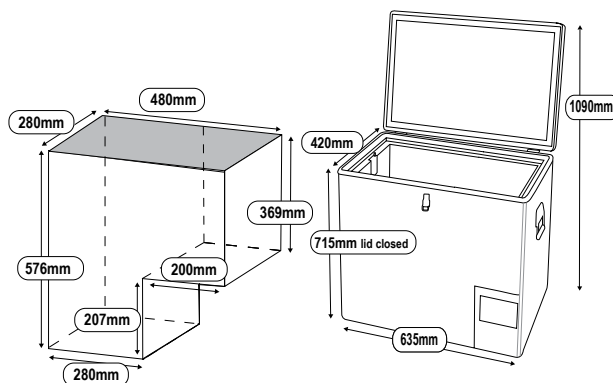
### NL 65 Refrigerator / Freezer

- Thermostat range 20°C to -30°C
- 9.6~31Vdc & 100~240Vac
- 5 x Basket - (optional)
- 66.0 litre capacity
- 635 x 420 x 715mm (Closed)
- 635 x 420 x 1090mm (Open)
- Weight - 28.2 kg

Order Stock Code:

**FRI-10650 S/Steel**  
5 x baskets supplied

**FRI-10651 S/Steel**  
no baskets supplied





# Portable Refrigeration

## Legendary Classic Range

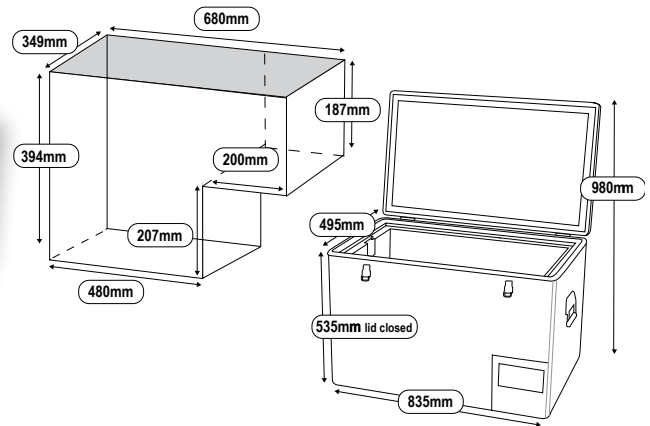
### NL 80 Refrigerator / Freezer

- Thermostat range 20°C to -30°C
- 9.6~31Vdc & 100~240Vac
- 5 x Basket - (optional)
- 79.4 L
- 835 x 495 x 535mm (Closed)
- 835 x 495 x 982mm (Open)
- Weight 36.2 kg

Order Stock Code:

**FRI-10800 (S32I)**  
5 x baskets supplied

**FRI-10801 S/Steel**  
no baskets supplied



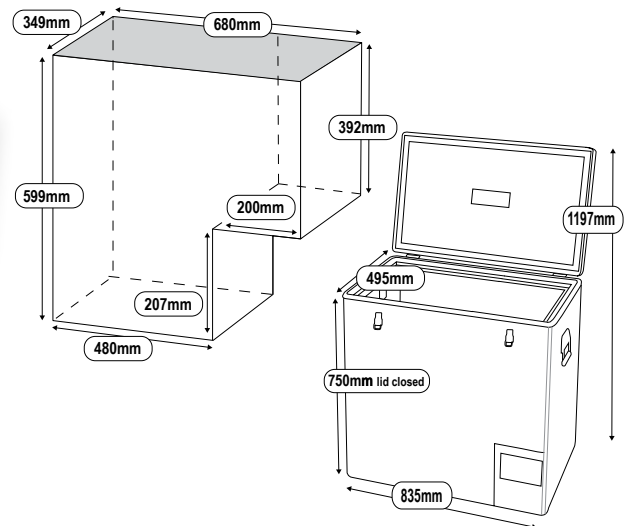
### NL 125 Stainless Steel Refrigerator / Freezer

- Thermostat range 20°C to -30°C
- 9.6~31Vdc & 100~240Vac
- 8 x Baskets - (optional)
- 128 L
- 835 x 495 x 735mm (Closed)
- 835 x 495 x 1197mm (Open)
- Weight 47.7 kg

Order Stock Code:

**FRI-11250 (S32I) S/Steel**  
8 x baskets supplied

**FRI-11251 S/Steel**  
no baskets supplied



## Space Saver Weekender Range

By reducing the insulation to 42mm thickness, National Luna offers a lightweight fridge/freezer to meet the demand for maximum fridge capacity where space is a problem.

(Power consumption of these fridges would be higher than the Classic 60mm insulation range).

Only the Weekender has a universal lid. If opening the fridge from the front is not practical for you, simply change the lid hinges and allow a side opening configuration.

For the recreational user, the new Weekender range gives you premium National Luna quality and features found in a compact package. The Weekender Twin was developed to offer an affordable fridge with a separate freezer compartment.

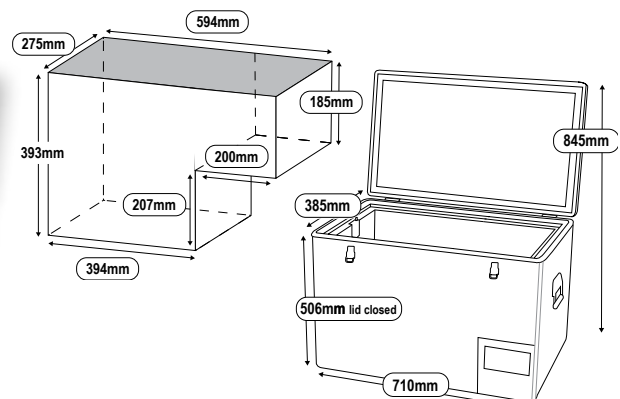
### NL 52 Weekender Refrigerator / Freezer

- Thermostat range 20°C to -30°C
- 52 L
- 9.6~31Vdc & 100~240Vac
- 3 x baskets - (optional)
- 710 x 385 x 506mm (Closed)
- 710 x 385 x 845mm (Open)
- Weight - 24.4 kg

Order Stock Code

**FRI-10520 (S286) S/Steel**  
3 x baskets supplied

**FRI-10521 S/Steel**  
no baskets supplied







# Portable Refrigeration

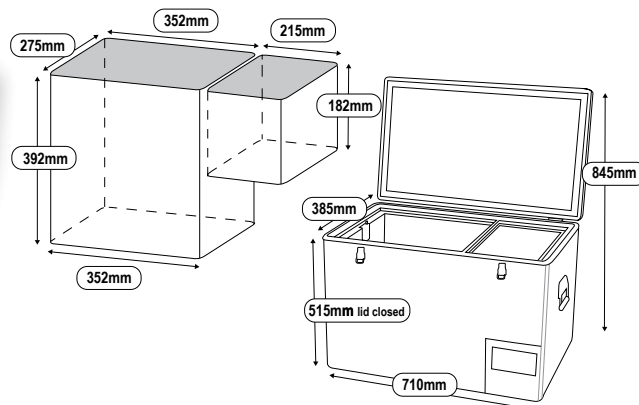
## NL 50 Twin Weekender Refrigerator & Freezer

- Thermostat range 20°C to -12°C
- 38.3L (fridge) & 11.0L (freezer)
- 9.6~31Vdc & 100~240Vac
- 3 x baskets (Optional)
- 710 x 385 x 506mm (Closed)
- 710 x 385 x 845mm (Open)
- Weight - 24.0 kg

Order Stock Code:

**FRI-10500** (S287) S/Steel  
3 x baskets supplied

**FRI-10521** S/Steel  
no baskets supplied



## Dual Control Technology - Effectively 2 x Fridges in One!

### NL60

Using a combination of 60mm and 42mm insulation, as well as the Dual Control Technology as used in the Double Door, a compact freezer/fridge has been developed.

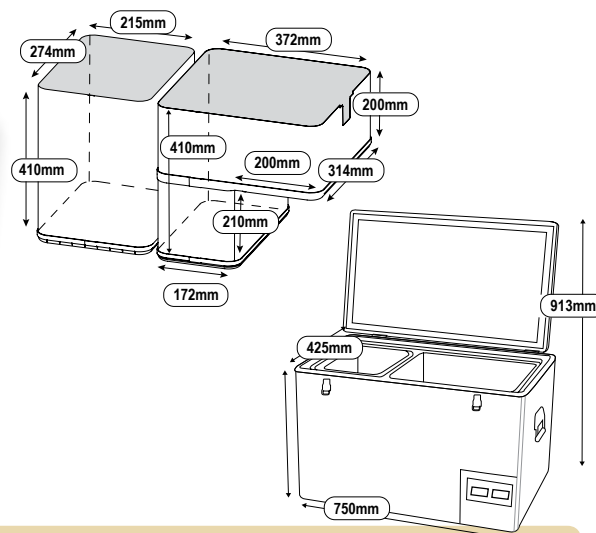
## NL 60 Twin Refrigerator / Freezer

- 24.2L (left bin) + 34.9L (right bin)
- 9.6~31Vdc & 100~240Vac
- 5 x baskets (Optional)
- 750 x 425 x 535mm (Closed)
- 750 x 425 x 913mm (Open)
- Weight - 28.2 kg

Order Stock Code:

**FRI-10600** S/Steel  
5 x baskets supplied

**FRI-10601** S/Steel  
no baskets supplied



### NL90

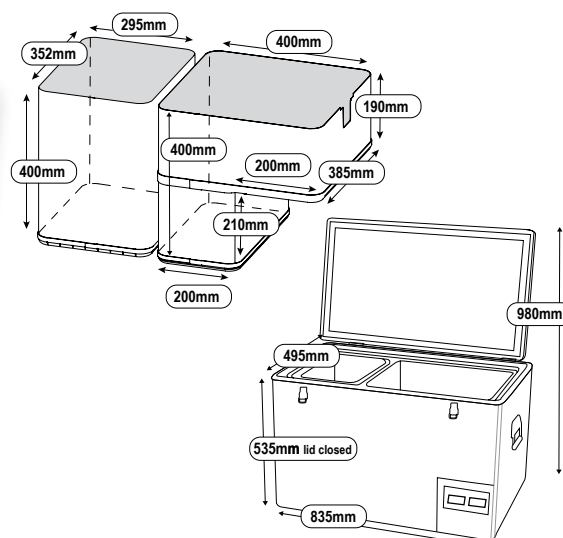
## NL 90 Twin Refrigerator / Freezer

- 39.1L (left bin) + 46.2L (right bin)
- 9.6~31Vdc & 100~240Vac
- 5 x baskets (Optional)
- 835 x 495 x 535mm (Closed)
- 835 x 495 x 980mm (Open)
- Weight - 34.0 kg

Order Stock Code:

**FRI-10900** (S291)  
5 x baskets supplied as standard

**FRI-10901** S/Steel  
no baskets supplied





# Portable Refrigeration

## Dual Control Technology - Effectively 2 x Fridges in One!

Using the National Luna unique Dual Control technology, the double door range of fridges (60mm insulation) was developed. Using only one compressor, the user can set the bin temperatures independently.

For the ultimate in versatility, National Luna offers its unique Dual Control units with two separate individually controlled fridge-freezer compartments, giving you the options of freezer/freezer, fridge/fridge or freezer/fridge - it's your choice!

**(Note that the combination of left hand fridge and right hand freezer bin cannot be used).**

Thus, the right bin should be set to a warmer temperature than the left bin.

- The right hand thermostat setting ranges from +20°C to -12°C
- The left hand thermostat setting ranges from +20°C to -24°C

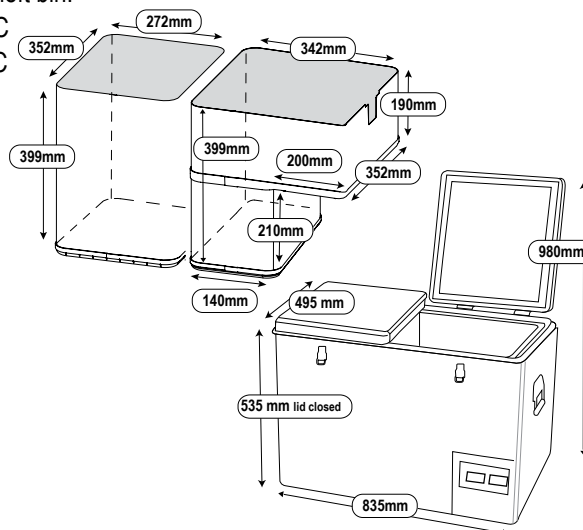
### NL 72 Double-Door Refrigerator / Freezer

- 38.2L (left bin) & 33.1L (right bin)
- 9.6~31Vdc & 100~240Vac
- 5 x baskets - (optional)
- 835 x 495 x 535mm (Closed)
- 835 x 495 x 980mm (Open)
- Weight - 34.6 kg

Order Stock Code:

**FRI-10720 S/Steel**  
5 x baskets supplied

**FRI-10721 S/Steel**  
no baskets supplied



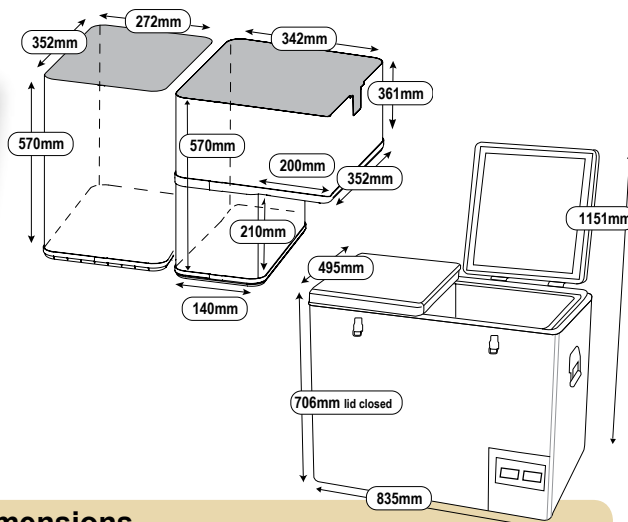
### NL 110 Double Door

- 54.6L (left bin) + 53.5L (right bin)
- 9.6~31Vdc & 100~240Vac
- 8 x baskets - (optional)
- 835 x 495 x 706mm (Closed)
- 835 x 495 x 1151mm (Open)
- Weight - 41.9 kg

Order Stock Code:

**FRI-11100 S/Steel**  
8 x baskets supplied

**FRI-11101 S/Steel**  
no baskets supplied



## External Dimensions

Fridge dimensions are with lid closed, and include handles, hinges and catches. For more detail on inside and other dimensions, consult the Portable Refrigeration brochure or our website.

From December 2015 a more sturdy and functional carry handle was introduced into production.

A hold down strap is fitted in the slot provided as indicated below.

(The previous handle could bend under severe off-road conditions).

PROTECTION JACKET - (see pg 14)

A larger aperture is required on the protection jacket to accommodate the new carry handle.

New jackets produced from January 2016 have a larger aperture to suit both models.

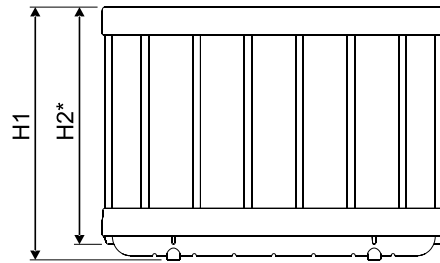
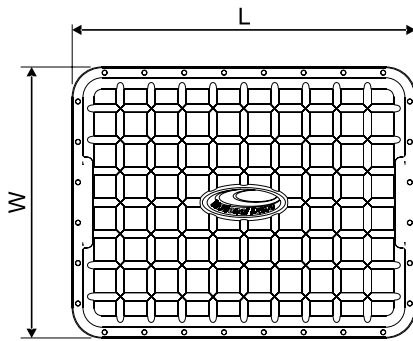
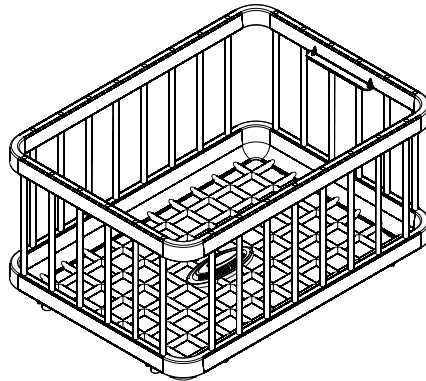
The mounting holes of both carry handles are identical. By swapping carry handles, the older protection jackets can be made to fit fridges manufactured after December 2015





# Portable Refrigeration Accessories

## Fridge Basket Selection Guide



\* Dimension H2 is the basket stacking height

Code	Name	L (mm)	W (mm)	H1 (mm)	H2 (mm)	Weight KG
FCO-02010	Basket A Top	345	268	182	171	0.480
FCO-02011	Basket A Bottom	345	268	220	209	0.520
FCO-02020	Basket B Top	343	202	182	171	0.410
FCO-02021	Basket B Bottom	343	202	220	209	0.440
FCO-02030	Basket C Top	268	209	182	171	0.345
FCO-02031	Basket C Bottom	268	209	220	209	0.370
FCO-02032	Basket C Freezer	268	209	177	166	0.355
FCO-02033	Basket C 55 Top	268	209	195	184	0.355
FCO-02034	Basket C 60 Top	268	209	202	191	0.355
FCO-02040	Basket D Top	377	196	182	171	0.435
FCO-02041	Basket D Bottom	377	196	220	209	0.470
FCO-02050	Basket E Top	374	269	182	171	0.495
FCO-02051	Basket E Bottom	374	269	220	209	0.535
FCO-02053	Basket E 55 Top	374	269	195	184	0.510
FCO-02060	Basket F Top	343	136	182	171	0.340
FCO-02061	Basket F Bottom	343	136	220	209	0.370
FCO-02071	Basket G Bottom	308	165	220	209	0.380
FCO-02074	Basket G 60 Top	308	165	202	191	0.380
FCO-02084	Basket H 60 Top	308	200	202	191	0.390
PLI-30010	Basket Handle					0.030



# Portable Refrigeration Accessories

## Fridge Basket Selection Guide

		40	65	50	52	55	60	72	80	90	110	125
FCO-02010	Basket A Top			1				1	1	1	2	1
FCO-02011	Basket A Bottom			1				1	1	1	1	2
FCO-02020	Basket B Top							1	2		2	2
FCO-02021	Basket B Bottom								1			3
FCO-02030	Basket C Top		2		1							
FCO-02031	Basket C Bottom	1	1				1					
FCO-02032	Basket C Freezer	2		1								
FCO-02033	Basket C 55 Top					1						
FCO-02034	Basket C 60 Top		2				1					
FCO-02040	Basket D Top									2		
FCO-02041	Basket D Bottom									1		
FCO-02050	Basket E Top				1							
FCO-02051	Basket E Bottom				1	1						
FCO-02053	Basket E 55 Top					1						
FCO-02060	Basket F Top							1			2	
FCO-02061	Basket F Bottom							1			1	
FCO-02071	Basket G Bottom						1					
FCO-02074	Basket G 60 Top						1					
FCO-02084	Basket H 60Top						1					
PLI-30010	Basket Handles	4	4									
Total Baskets (set)		3	5	3	3	3	5	5	5	5	8	8

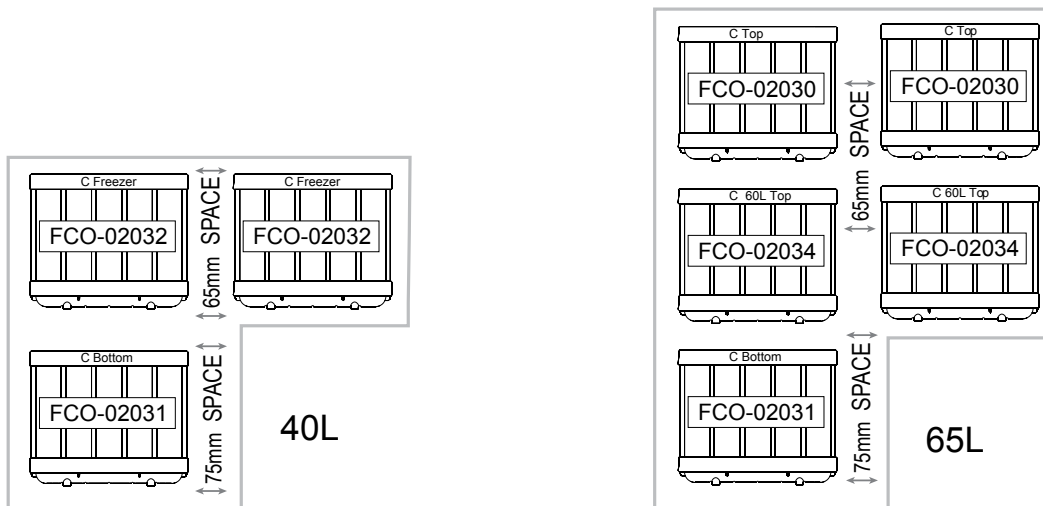




# Portable Refrigeration Accessories

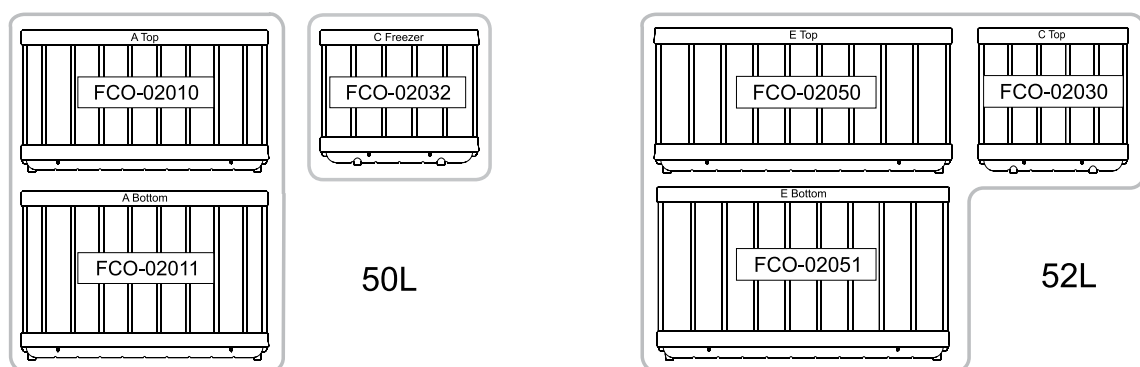
## Fridge Basket Selection Guide

### Classic Single Bin



Stainless Steel baskets for these models are no longer available. The plastic baskets used have a space as indicated.

### Weekender

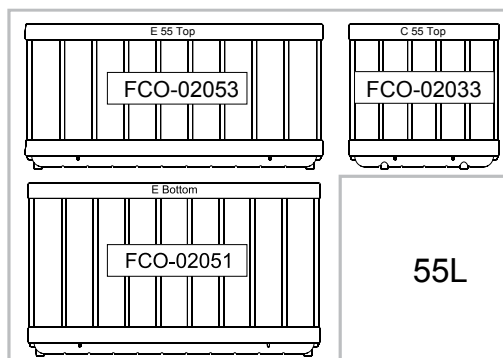




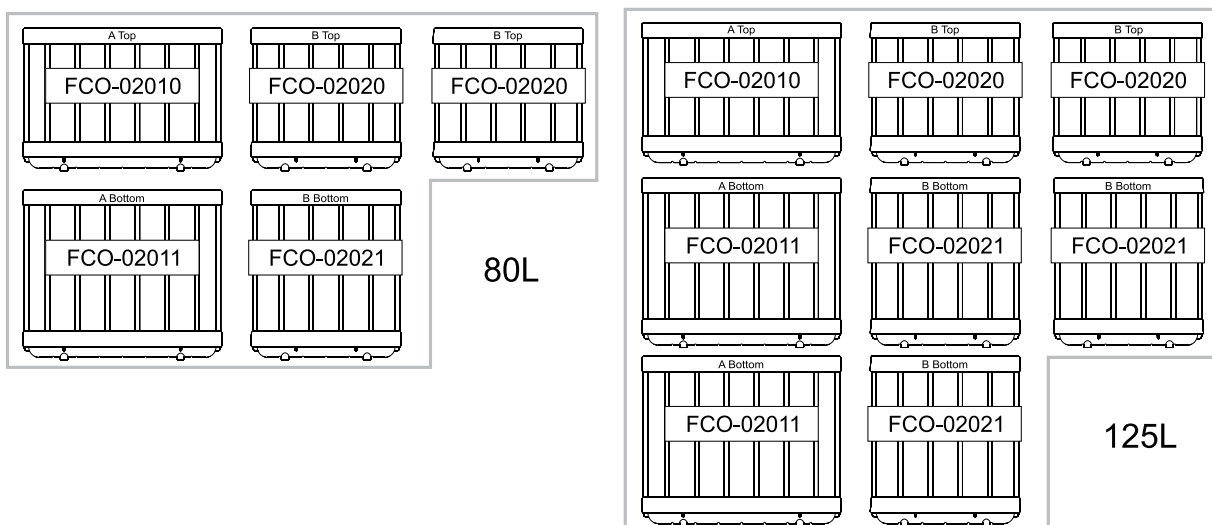
# Portable Refrigeration Accessories

## Fridge Basket Selection Guide

### Classic Single Bin



### Classic Single Bin

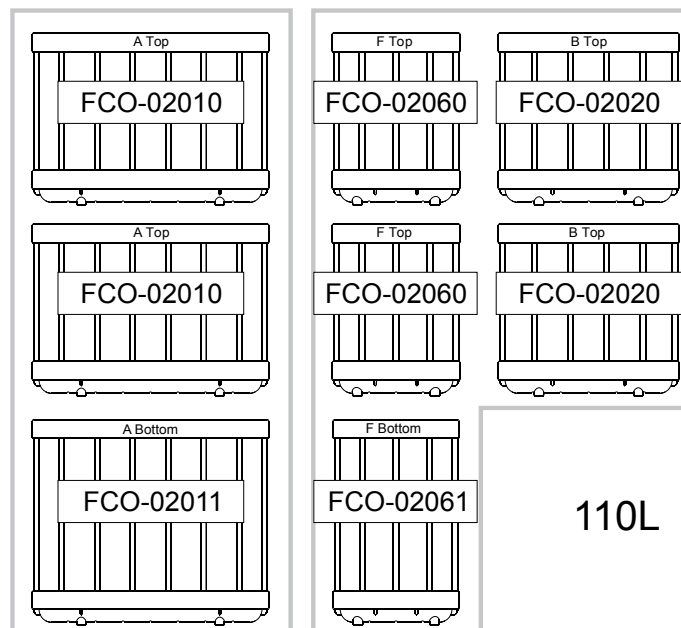
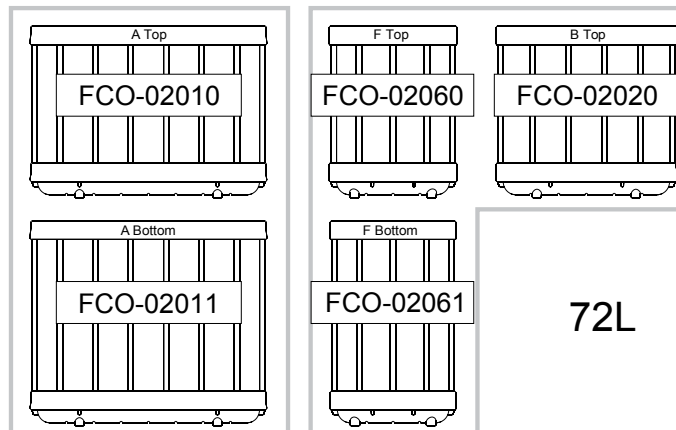




# Portable Refrigeration Accessories

## Fridge Basket Selection Guide

### Double Door - Dual Control

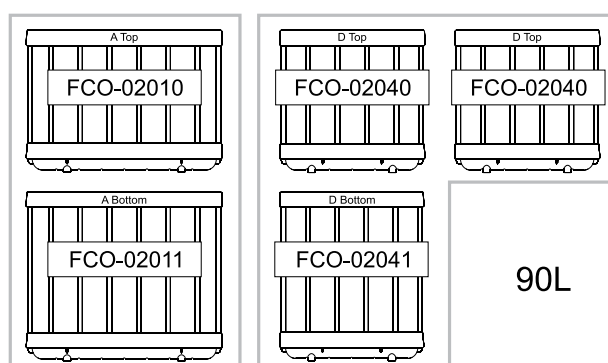




# Portable Refrigeration Accessories

## Fridge Basket Selection Guide

### Twin Bin - Dual Control





# Portable Refrigeration Accessories

## Fridge Protection Jackets

Constructed from durable Nylon material, the fridge jacket offers physical protection from wear and tear. It acts as a barrier against sunlight rays from reaching and heating the surface area of the fridge.

The ventilated compressor area must be kept uncluttered to allow air flow.

The protection jacket has a side pocket which is ideal for storing the power leads.

The high-strength Nylon zip allows for easy access.



### Classic Range - Blue

Order Stock Code:

FSP-00004	(S315) NL40
FSP-00003	(S312) NL50/52
FSP-00010	NL55/60
FSP-00005	(S300) NL65
FSP-00006	(S316) NL72/74/80/90
FSP-00007	(S311) NL95
FSP-00009	NL110
FSP-00008	(S301) NL125



### Weekender Range - Black



New handles with Tie-Down in position. (see pg 5)

## Power Cables

### 12Vdc Input Cable

- 4mm<sup>2</sup> multi strand special ripcord with moulded fridge mating plug



2m



2m + Combi Plug



2m + 50amp Coupler



2m + Hella



4m



4m + Combi Plug



4m + 50amp Coupler



Combi Plug



50amp Coupler

Order Stock Code:

BSP-10204	(S268)	2m no connectors
BSP-10213		2m + Combi Plug
BSP-10215		2m + 50amp Grey Coupler
BSP-10203	(S271)	2m with Hella male
BSP-10205	(S270)	4m no connectors
BSP-10214		4m + Combi Plug
BSP-10216		4m + 50amp Grey Coupler

### 3 Meter AC Power Leads



SA



UK



AUS



USA



EUR

Order Stock Code:

BSP-10202	(S267)	3m	SA	standard
BSP-10208		3m	AUS	standard
BSP-10209		3m	EURO	standard
BSP-10210		3m	UK	standard
BSP-10211		3m	USA	standard

### Removable Red Hinges

National Luna offers optional special Red Hinges designed to allow the lid to be completely removed in those difficult to access areas.

See page 15 for more information.

Order Stock Code:

FSP-03001 Bulk



BSP-03001 (S263) Packaged x 2 Pairs





# Portable Refrigeration Accessories

## Door Options

### Dual-direction Lid

A special feature of the Weekender is the ability to change the direction in which the lid opens.

The most common configuration is the front-opening direction (As shown on the right).

If the application prevents the lid from opening fully, it may be advantageous to use the side-opening configuration.

The Weekender is supplied in the front-opening configuration.

In order to change the lid direction, follow these steps :

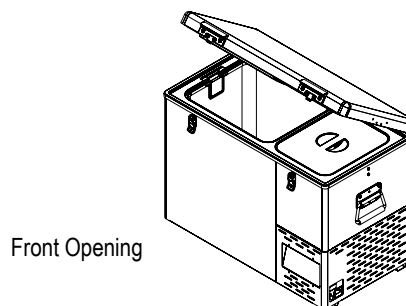
1. Close the lid. Remove both front latches and lid handles.
2. Re-fit one of the latches and lid handles to the alternative latch positions on the side of the refrigerator. (Keep the spare parts safe)
3. Remove all three hinges from the rear of the refrigerator. Also remove the hinge cover plates from the alternative hinge locations.
4. Re-fit two of the hinges on the side of the refrigerator.
5. Align the lid and ensure that it closes fully before tightening the screws.
6. Keep the spare hinge and screws in a safe place.

The Weekender will now be in the side-opening configuration.

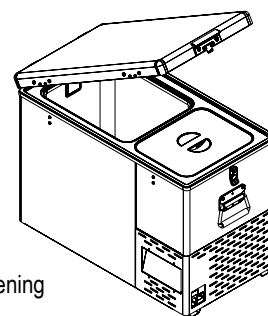
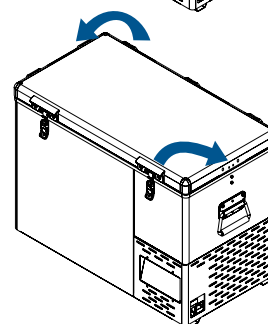
#### NOTE:

Take care not to apply excessive pressure when locating the screws to the inside retaining nuts.

(They can be pushed too far back or incorrectly angled).



Front Opening

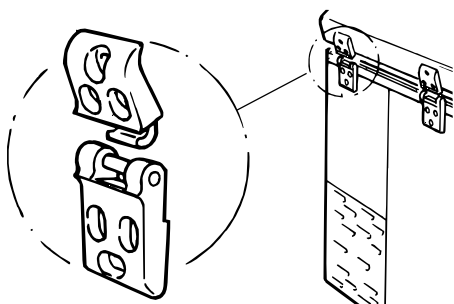


Side Opening

## Removable Red Hinges

National Luna offers optional special Red Hinges designed to allow the lid to be completely removed.

This feature is useful in confined spaces where the lid cannot be fully opened.



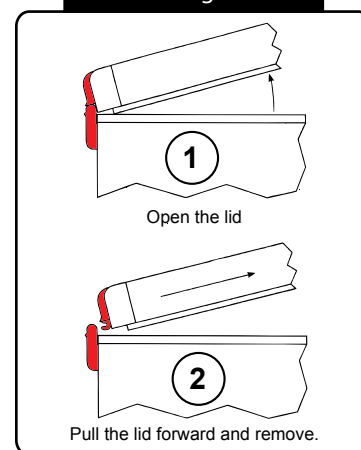
Order Stock Code:

FSP-03001

Bulk

BSP-03001 (S263) Packaged x 2 Units

### Removing the lid



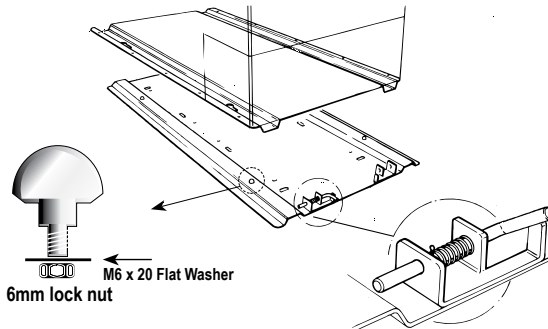


# Portable Refrigeration Accessories

## Base Mounting Plates

Constructed from 3CR12 Stainless steel, low-profile design and locking pin, this base offers a fixed mounting position with an easy to remove mechanism. The optional Base mounting plate allows the refrigerator to be securely fastened to the floor or body of the vehicle.

The unique locking design ensures that the fridge remains fixed in position even in the worst off-road conditions.



Order Stock Code:

**MET-00001 L-Pin and spring for Base Plate**

### NL 40 Base Mounting Plate

- Suits NL 40 / 65
- 615 x 400 x 20mm
- 4.05 kg

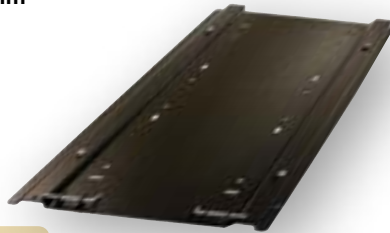


Order Stock Code:

**FSP-01003 (S347)**

### NL 50/52 Base Mounting Plate Weekender

- 690 x 355 x 20mm
- 4.15 kg

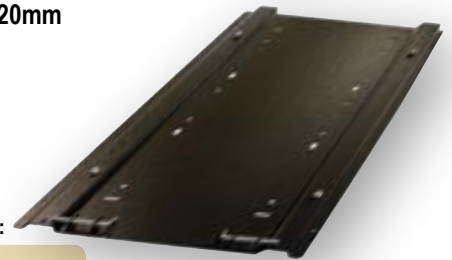


Order Stock Code:

**FSP-01001 (S331)**

### NL 55/60 Base Mounting Plate

- 728 x 395 x 20mm
- 5.00 kg



Order Stock Code:

**FSP-01006**

### NL 72/74/80/90/95/110/125 Base Mounting Plate

- Suits NL 72/74/80/90/95/110/125
- 815 x 465 x 20mm
- 6.20 kg

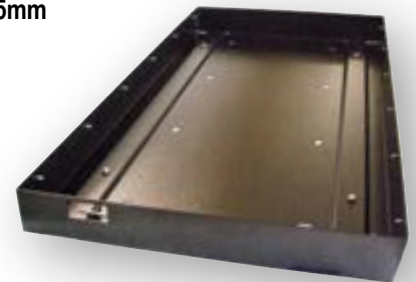


Order Stock Code:

**FSP-01004 (S348)**

### Jurgens Explorer Base Mounting Plate

- Suits NL 72/74/80/90/95/110/125
- 850 x 500 x 75mm
- 9.90 kg

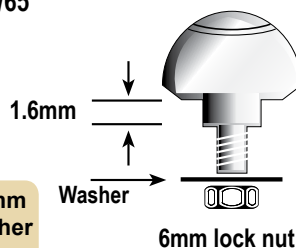


Order Stock Code:

**FSP-01005 (S335)**

### Base Plate 1.6mm Mushroom NL40,50/52,55/60

- Suits NL 40/50/52/55/60/65
- Mushroom + lock nut



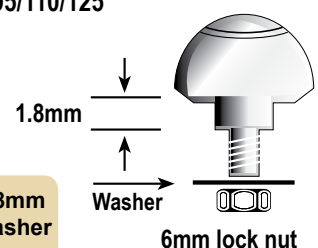
Order Stock Code:

**FAS-81001 Mushroom 1.6mm**  
**FAS-36004 M6x20 Flat washer**  
**FAS-26002 6mm lock nut**

**BSP-30109 NL40 Mushroom mounting kit (Set of Four)**

### Base Plate 1.8mm Mushroom NL80, Explorer

- Suits NL 72/74/80/90/95/110/125
- Mushroom + lock nut



Order Stock Code:

**FAS-81002 Mushroom 1.8mm**  
**FAS-36004 M6x20 Flat washer**  
**FAS-26002 6mm lock nut**

**BSP-30110 NL80 Mushroom mounting kit (Set of Four)**

## TB15 Refrigerator / Freezer

- Thermostat range +10°C to -18°C
- 15 litre capacity
- Weight 8.2 kg
- 565 x 235 x 360mm (Closed)
- Available in 12/24Volt only

Order Stock Code:

IND-00150



**NEW!**

## TB18 Refrigerator / Freezer

- Thermostat range +10°C to -18°C
- 18 litre capacity
- Weight 8.6 kg
- 565 x 235 x 405mm (Closed)
- Available in 12/24Volt only

Order Stock Code:

IND-00180



**NEW!**

## TB26 Refrigerator / Freezer (TB 2001)

- Thermostat range 4°C to -18°C
- 24.6 litre capacity
- Weight 16 kg
- 9.6~31Vdc
- 580 x 345 x 380mm (Closed)
- Available in 12/24Volt only

Order Stock Code:

IND-00260 (S306)



## TB31 Refrigerator / Freezer

- 28.7 litre capacity
- Thermostat range 20°C to -30°C
- Weight 16 kg
- 9.6~31Vdc & 100~240Vac
- 585 x 345 x 375mm (Closed)

Order Stock Code:

IND-00310



TEMPORARILY  
DISCONTINUED

## TB41 Refrigerator / Freezer

- 36.8 litre capacity
- Thermostat range 20°C to -30°C
- Weight 17 kg
- 9.6~31Vdc & 100~240Vac
- 585 x 345 x 440mm (Closed)

Order Stock Code:

IND-00410



TEMPORARILY  
DISCONTINUED

## TB51 Refrigerator / Freezer

- 46.5 litre capacity
- Thermostat range 20°C to -30°C
- Weight 18.5 kg
- 9.6~31Vdc & 100~240Vac
- 585 x 345 x 520mm (Closed)

Order Stock Code:

IND-00510



TEMPORARILY  
DISCONTINUED

# Accessories

## Indel B/Waeco 12 Volt Cable with Cigar/Combi Plug

- 15 amp fused
- Suits cigar plug and Hella

Order Stock Code:

ISP-60320 Bulk

BSP-10212 Packaged



## 220 Volt 3 Meter Power Lead with SA 3-Pin Plug

Order Stock Code:

BSP-10202



## Protection Jackets

### TB 31, TB 41, TB 51 Protection Jacket

- Grey Unpadded

Order Stock Code:

FSP-60031 TB 31  
FSP-60041 TB 41  
FSP-60051 TB 51



### TB 26 - Protection Jacket (TB 2001)

- Blue Padded

Order Stock Code:

FCO-60001 (S317)



### TB 45 Protection Jacket

- Grey Unpadded

Order Stock Code:

FSP-60045



### TB 55 Protection Jacket

- Grey Unpadded

Order Stock Code:

FSP-60055



## Base Mounting Plates

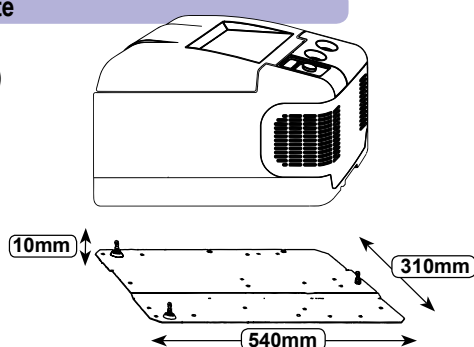
Suits TB 26, TB 31, TB 41 & TB 51 Models

### TB Base Mounting Plate

- 540 x 310 x 10mm  
(size excludes pins)
- 2.1 kg

Order Stock Code:

FSP-01002 (S334)



Order Stock Code:

FAS-81003 Indel B Mushroom  
FAS-36004 M6x20 Flat washer  
FAS-26002 6mm lock nut

Washer



6mm lock nut