



AUSTRALIA'S FAVOURITE
**PORTABLE
REFRIGERATION**



LEGACY



EDITION 1 - 2020

BUILT SMARTER | BUILT TOUGHER | BUILT BETTER | WWW.NATIONALLUNA.COM.AU



AUSTRALIA'S FAVOURITE PORTABLE REFRIGERATION!

National Luna's refrigeration product range has evolved over 30 years. 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.

Low power consumption is achieved using a combination of 42mm and 60mm high-density insulation to achieve a very compact design.

SINGLE COMPARTMENT

These fridges have been designed to be used either as a fridge or freezer. One can set the thermostats to operate the unit between +20°C and -30°C.

TWIN COMPARTMENT

Using a combination of 60mm and 42mm insulation, as well as the Dual Control technology, these fridges have been designed to offer a larger fridge capacity by reducing the insulation on one of the compartments (usually used as the fridge). Using only one compressor, the user can set the compartment temperatures independently.

DOUBLE DOOR - EFFECTIVELY 2 x FRIDGES IN ONE!

Using the National Luna unique Dual Control Technology, the Double Door range of fridges was developed (60mm insulation) for maximum efficiency and space-saving.

NATIONAL LUNA FRIDGES COOL FASTER, STAY COLDER FOR LONGER, AND DRAW MUCH LESS POWER!

Due to ongoing product development and design, some catalogue images may differ from the actual product. National Luna reserves the right to change any information contained in this document without prior notice. National Luna Australia (AECAA Pty Ltd) will not be held responsible for errors or omissions in this document.

TWIN BIN, SINGLE DOOR WITH DUAL CONTROL

50L

MODEL NO. NLR50SL

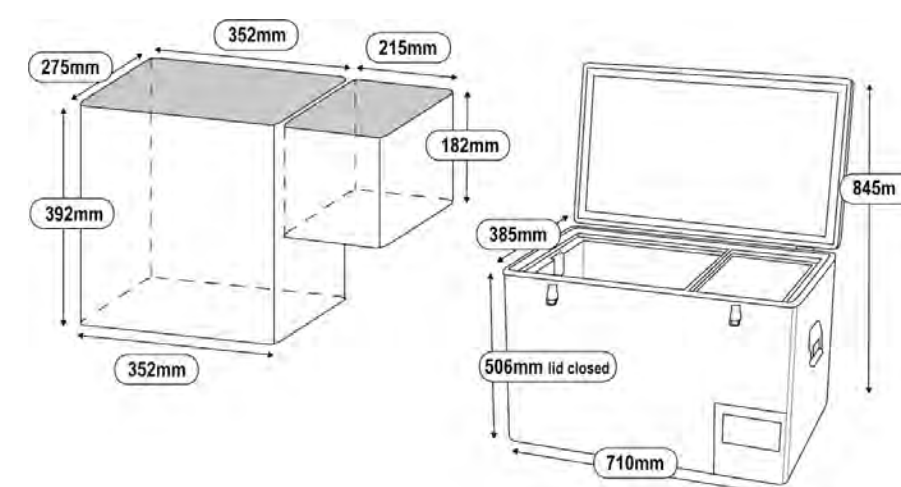
DUAL CONTROL

UNIVERSAL LID



The ideal fridge/freezer combination for recreational users. With separate 38-litre fridge and 11-litre freezer compartments, it's the perfect choice for that weekend away. Dual thermostats allow settings of dual fridge, dual freezer or a combination of fridge and freezer.

THERMOSTAT SETTING RANGE	BASKETS	CONTROL	INSULATION
Left Compartment: +20°C to -18°C Right Compartment: +20°C to -24°C	3	Dual	42mm
VOLUME	WEIGHT	DIMENSIONS	INPUT POWER
38.3L (Left Compartment - Fridge or Freezer) 11.0L (Right Compartment - Fridge or Freezer)	24.8Kg	710mm (W) 385mm (D) 506mm (H)	Battery: 9.5 - 31.5Vdc Mains: 100 - 240Vac
POWER DRAW AVERAGE		POWER DRAW 24HR TOTAL	
At 32°C Ambient 1.43 amp/hr		At 21-43°C Ambient 31.13 amp/hr	



60L

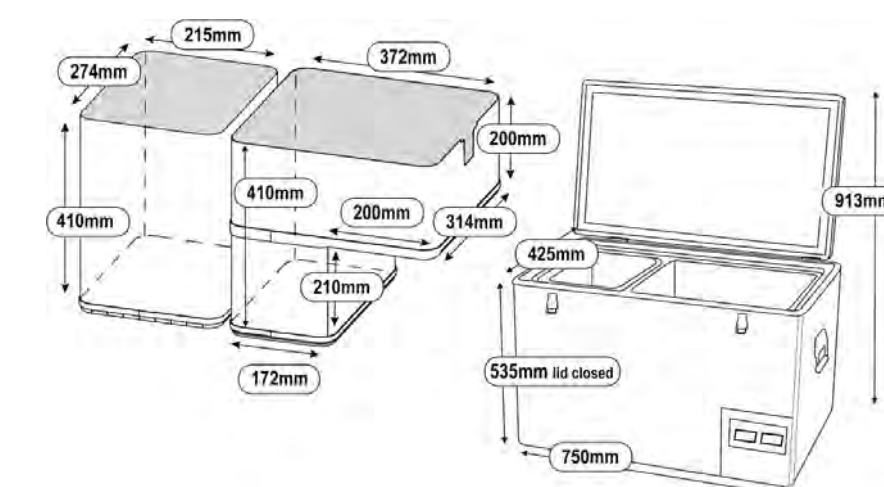
MODEL NO. NLR60SL

DUAL CONTROL



Dual thermostats allow settings of dual fridge, dual freezer or a combination (where the smaller, more efficient compartment should be used as a freezer).

THERMOSTAT SETTING RANGE	BASKETS	CONTROL	INSULATION
Left Compartment: +20°C to -24°C Right Compartment: +20°C to -18°C	5	Dual	60mm & 42mm
VOLUME	WEIGHT	DIMENSIONS	INPUT POWER
24.2L (Left Compartment - Fridge or Freezer) 34.9L (Right Compartment - Fridge or Freezer)	28.0Kg	750mm (W) 425mm (D) 535mm (H)	Battery: 9.5 - 31.5Vdc Mains: 100 - 240Vac
POWER DRAW AVERAGE		POWER DRAW 24HR TOTAL	
At 32°C Ambient 1.65 amp/hr		At 21-43°C Ambient 34.72 amp/hr	



PROTECTION JACKETS

Protect your National Luna Fridge with our range of 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 protection jacket has a side pocket which is ideal for storing the power leads. The high-strength Nylon zip allows for easy access.

TWIN BIN, SINGLE DOOR
WITH DUAL CONTROL

90L

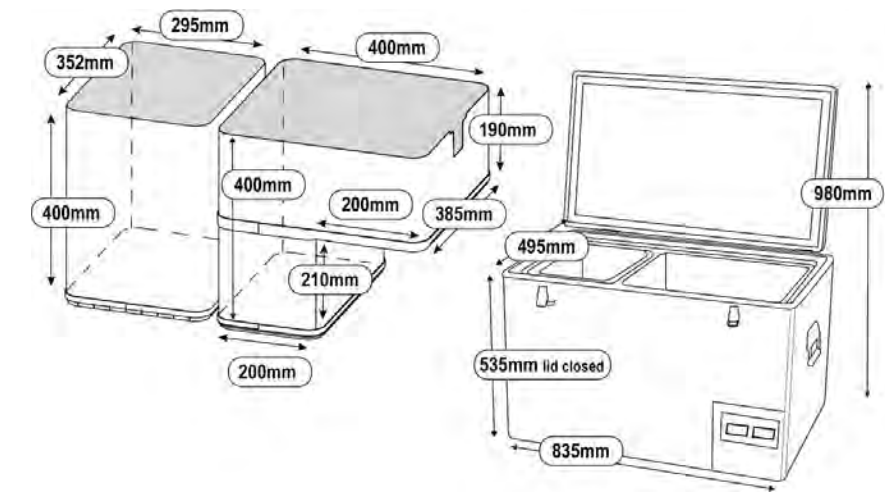
MODEL NO. NLR90SL

DUAL CONTROL



The 90L Fridge Freezer is designed to offer a larger freezer and fridge capacity compared to the 60L. Dual thermostats allow settings of dual fridge, dual freezer or a combination (the smaller, more efficient compartment should be the freezer).

THERMOSTAT SETTING RANGE	BASKETS	CONTROL	INSULATION
Left Compartment: +20°C to - 24°C Right Compartment: +20°C to - 18°C	5	Dual	60mm & 42mm
VOLUME	WEIGHT	DIMENSIONS	INPUT POWER
39.1L (Left Compartment - Fridge or Freezer) 46.2L (Right Compartment - Fridge or Freezer)	33.6Kg	835mm (W) 495mm (D) 535mm (H)	Battery: 9.5 - 31.5Vdc Mains: 100 - 240Vac
POWER DRAW AVERAGE		POWER DRAW 24HR TOTAL	
At 32°C Ambient 1.85 amp/hr		At 21-43°C Ambient 41.03 amp/hr	



Jacket Model No.	Suits Fridge Model
NLJ40	40L
NLJ52 (Weekender Range)	50L / 52L
NLJ60	55L / 60L
NLJ80	72L / 80L / 90L
NLJ110	110L
NLJ125	125L

TWIN BIN, DOUBLE DOOR WITH DUAL CONTROL

72L

MODEL NO. NLR72SL

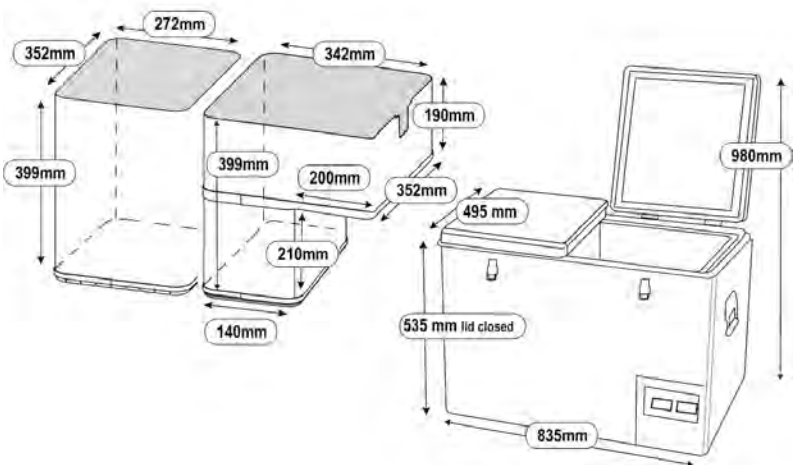
DUAL CONTROL

DOUBLE DOOR



The ultimate in versatility: The Double Door design allows you to select individual compartment temperatures to suit your needs. Set as a combination of fridge and freezer, or as twin fridges or twin freezers at different temperatures.

THERMOSTAT SETTING RANGE	BASKETS	CONTROL	INSULATION
Left Compartment: +20°C to - 24°C Right Compartment: +20°C to - 24°C	5	Dual	60mm
VOLUME	WEIGHT	DIMENSIONS	INPUT POWER
38.2L (Left Compartment - Fridge or Freezer) 33.0L (Right Compartment - Fridge or Freezer)	33.5Kg	835mm (W) 495mm (D) 535mm (H)	Battery: 9.5 - 31.5Vdc Mains: 100 - 240Vac
POWER DRAW AVERAGE		POWER DRAW 24HR TOTAL	
At 32°C Ambient 1.77 amp/hr		At 21-43°C Ambient 36.62 amp/hr	



BASE MOUNTING PLATES
Secure floor mounting plate with easy key-hole guide action with locking pins (no need for tie-downs). Base Mounting Plates are available in 4 size.

110L

MODEL NO. NLR110SL

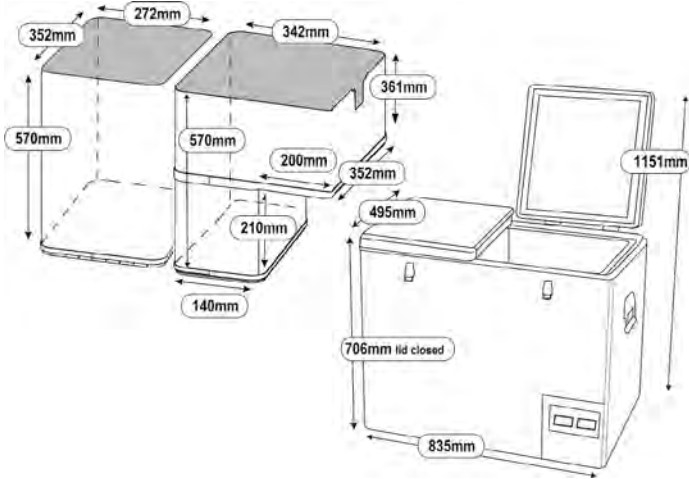
DUAL CONTROL

DOUBLE DOOR



The Double Door design with a large capacity allows you to select individual compartment temperatures to suit your needs. Set as a combination of fridge and freezer, or as twin fridges or twin freezers at different temperatures.

THERMOSTAT SETTING RANGE	BASKETS	CONTROL	INSULATION
Left Compartment: +20°C to - 24°C Right Compartment: +20°C to - 24°C	8	Dual	60mm
VOLUME	WEIGHT	DIMENSIONS	INPUT POWER
54.6L (Left Compartment - Fridge or Freezer) 53.5L (Right Compartment - Fridge or Freezer)	39.4Kg	835mm (W) 495mm (D) 706mm (H)	Battery: 9.5 - 31.5Vdc Mains: 100 - 240Vac
POWER DRAW AVERAGE		POWER DRAW 24HR TOTAL	
At 32°C Ambient 1.95 amp/hr		At 21-43°C Ambient 42.44 amp/hr	



Base Model No.	Suits Fridge Model	Dimensions (mm)	Weight (Kg)
NLRBP40	40L / 65L	615 x 400 x 20	4.05
NLRBP52	50L / 52L	690 x 355 x 20	4.15
NLRBL60	55L / 60L	728 x 395 x 20	5.00
NLRBP74	72L / 80L / 90L / 110L / 125L	815 x 465 x 20	6.20

SINGLE BIN, SINGLE DOOR
WITH SINGLE CONTROL

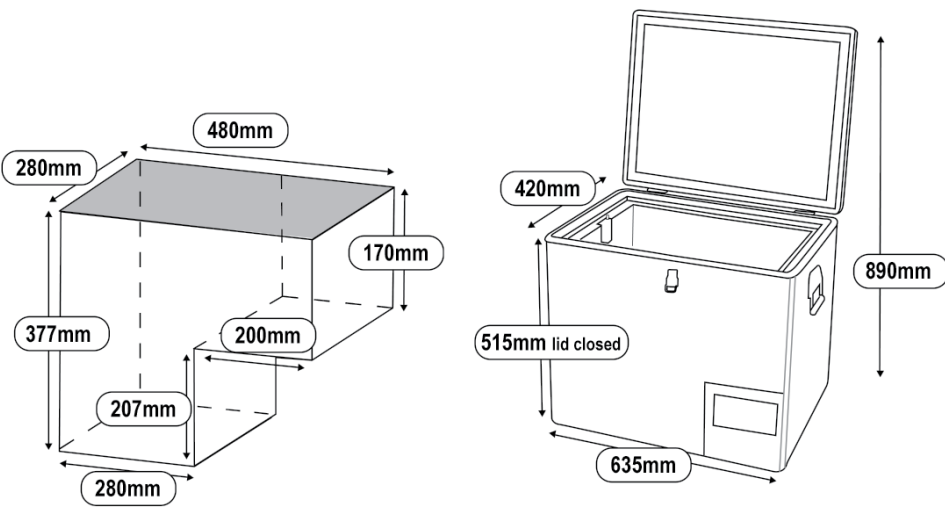
40L

MODEL NO. NLR40SL



Small outside, but big inside, National Luna's fully-featured 'small' fridge/freezer fits easily into most vehicles offering a convenient way to take a weekends' food and drinks for two or three people. Ideal as a dedicated freezer.

THERMOSTAT SETTING RANGE	BASKETS	CONTROL	INSULATION
Between +20°C to - 30°C	3	Single	60mm
VOLUME	WEIGHT	DIMENSIONS	INPUT POWER
39.3L	22.5Kg	635mm (W) 420mm (D) 515mm (H)	Battery: 9.5 - 31.5Vdc Mains: 100 - 240Vac
POWER DRAW AVERAGE		POWER DRAW 24HR TOTAL	
At 32°C Ambient 1.36 amp/hr		At 21-43°C Ambient 30.42 amp/hr	



SINGLE BIN, SINGLE DOOR WITH SINGLE CONTROL

52L

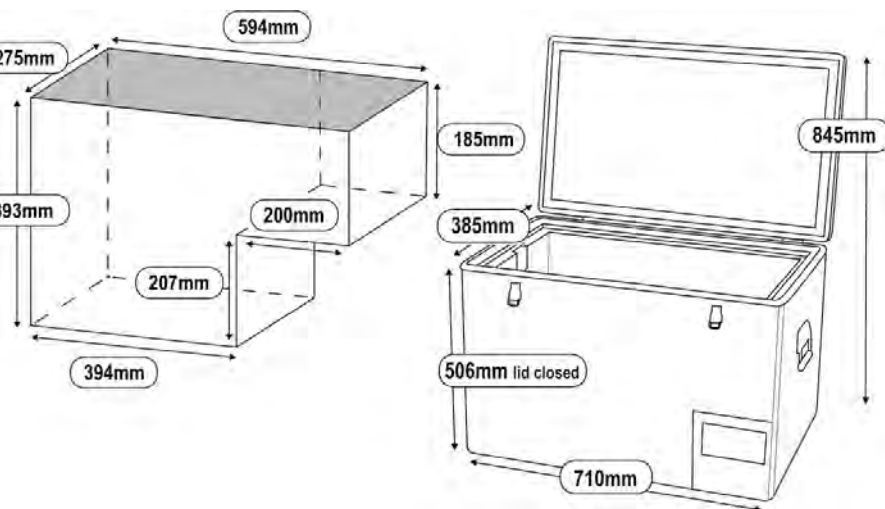
MODEL NO. NLR52SL

UNIVERSAL LID



National Luna’s most affordable fridge/freezer gives you all the benefits of metal construction, large cooling surface, intelligent compressor control, low power draw. Ideal large capacity in a compact size.

THERMOSTAT SETTING RANGE	BASKETS	CONTROL	INSULATION
Between +20°C to - 30°C	3	Single	42mm
VOLUME	WEIGHT	DIMENSIONS	INPUT POWER
52.6L	24.0Kg	710mm (W) 385mm (D) 506mm (H)	Battery: 9.5 - 31.5Vdc Mains: 100 - 240Vac
POWER DRAW AVERAGE		POWER DRAW 24HR TOTAL	
At 32°C Ambient 1.56 amp/hr		At 21-43°C Ambient 34.49amp/hr	



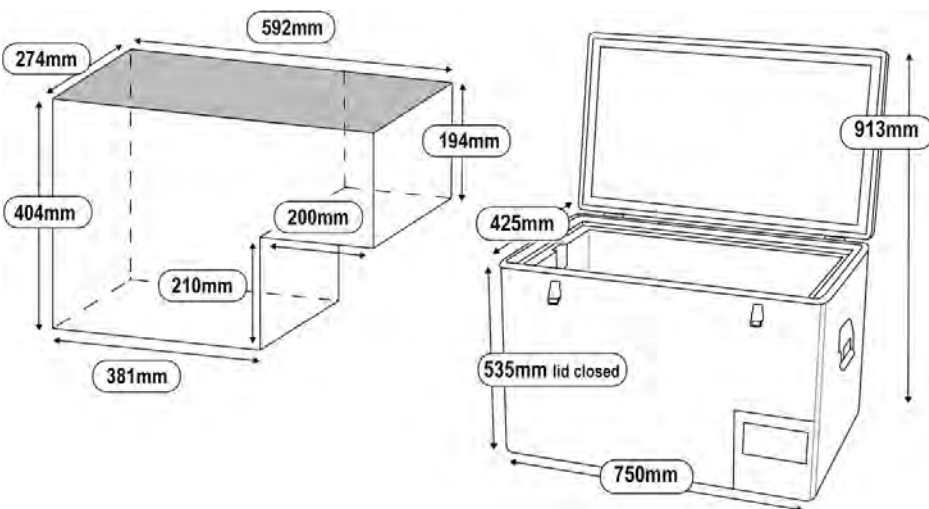
55L

MODEL NO. NLR55SL



National Luna’s 55L fridge/freezer gives you all the benefits of metal construction, large cooling surface, intelligent compressor control and low power low draw with 60mm insulation.

THERMOSTAT SETTING RANGE	BASKETS	CONTROL	INSULATION
Between +20°C to - 30°C	3	Single	60mm
VOLUME	WEIGHT	DIMENSIONS	INPUT POWER
53.5L	25.4Kg	750mm (W) 425mm (D) 535mm (H)	Battery: 9.5 - 31.5Vdc Mains: 100 - 240Vac
POWER DRAW AVERAGE		POWER DRAW 24HR TOTAL	
At 32°C Ambient 1.37 amp/hr		At 21-43°C Ambient 30.95 amp/hr	



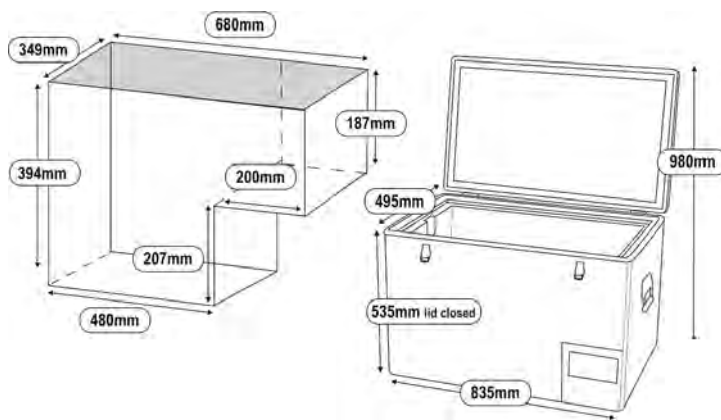
80L

MODEL NO. NLR80SL



Practically-sized for families and tour operators, and big enough to carry sufficient provisions for long expeditions, National Luna’s 80L fridges offer powerful cooling performance in a robust, easy to manage package.

THERMOSTAT SETTING RANGE	BASKETS	CONTROL	INSULATION
Between +20°C to - 30°C	5	Single	60mm
VOLUME	WEIGHT	DIMENSIONS	INPUT POWER
79.4L	31.2Kg	835mm (W) 495mm (D) 535mm (H)	Battery: 9.5 - 31.5Vdc Mains: 100 - 240Vac
POWER DRAW AVERAGE		POWER DRAW 24HR TOTAL	
At 32°C Ambient 1.83 amp/hr		At 21-43°C Ambient 40.59 amp/hr	



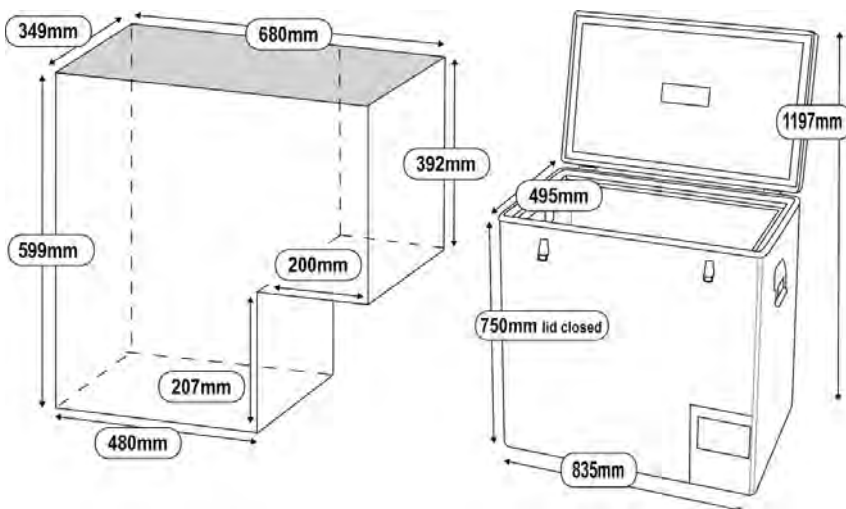
125L

MODEL NO. NLR125SL



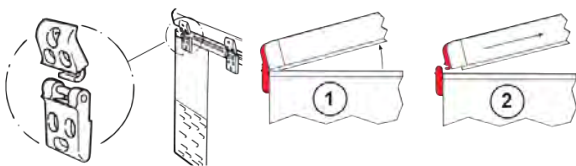
A refrigerator that gives commercial users and tour operators serious carrying capacity with a relatively small footprint and remarkably low power draw!

THERMOSTAT SETTING RANGE	BASKETS	CONTROL	INSULATION
Between +20°C to - 30°C	8	Single	60mm
VOLUME	WEIGHT	DIMENSIONS	INPUT POWER
128.1L	37.8Kg	835mm (W) 495mm (D) 750mm (H)	Battery: 9.5 - 31.5Vdc Mains: 100 - 240Vac
POWER DRAW AVERAGE		POWER DRAW 24HR TOTAL	
At 32°C Ambient 2.25 amp/hr		At 21-43°C Ambient 53.52 amp/hr	



REMOVABLE HINGES

National Luna offers optional Red Hinges designed to allow the lid to be completely removed. This is useful in confined spaces where the lid cannot be fully opened.



OPEN THE LID -
PULL LID FORWARD & REMOVE

Model No.	Description
NLZHR	Red Removable Hinges

REPLACEMENT LEADS

Model No.	Description
NLZ1	Fridge Lead 240V AC, 2M, Australian Standard
NLZ3	Fridge Lead 12V DC, 2M, Hella Male Plug
NLZ4	Fridge Lead 12V DC, 4M, Hella Male Plug
NLZ5	Fridge Lead 12V DC, 2M, 50A Grey Coupler

DC LEADS



AC LEADS



National Luna represents extreme performance, quality & strength . . . simply the smartest choice in Portable Refrigeration!

Originally designed to meet World Health Organisation specifications for transporting medicines in harsh African conditions. NATIONAL LUNA fridges are now the preferred choice for safari operators, caterers, mining companies, camper manufacturers and off-roaders. Extreme heat and rugged conditions demand tough construction, high efficiency and a low power draw... NATIONAL LUNA fridges are perfect for users serious about keeping their food fresh!

TOUGHER, SMARTER CONSTRUCTION

Made with a Stainless Steel exterior and aluminium interior, National Luna fridges are metal inside and out. The durability benefits are obvious when compared to plastic fridges. It also gives National Luna fridges better cooling capability.

Metal cabinets and inner liners plus a unique manufacturing process allow latest generation foam to be injected under high pressure giving denser, more effective insulation, thereby maximising interior space and reducing overall dimensions. And while plastic fridges use a separate “refrigeration plate”, National Luna’s inner aluminium metal construction in conjunction with copper cooling piping, means a much more efficient cooling plate area. This keeps temperatures stable across the whole of the interior, cuts running time, and reduces “temperature pull down” time when new contents are added. With a bigger cooling area and more effective high-density insulation, National Luna fridges cool faster, stay cold longer and use less power!

ADVANCED COMPRESSOR TECHNOLOGY

All models are fitted with the new advanced National Luna designed Compressor with an AC/DC electronic power supply. (with automatic switching as standard). The fridge/freezer will operate from 9.6 volts to 31.5 volts DC as well as AC voltage ranging from 100 to 240 volts.

MAXIMUM COOLING, MAXIMUM CONTROL

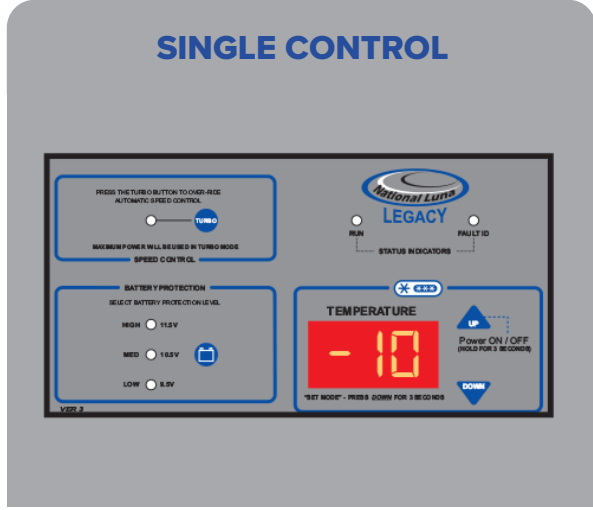
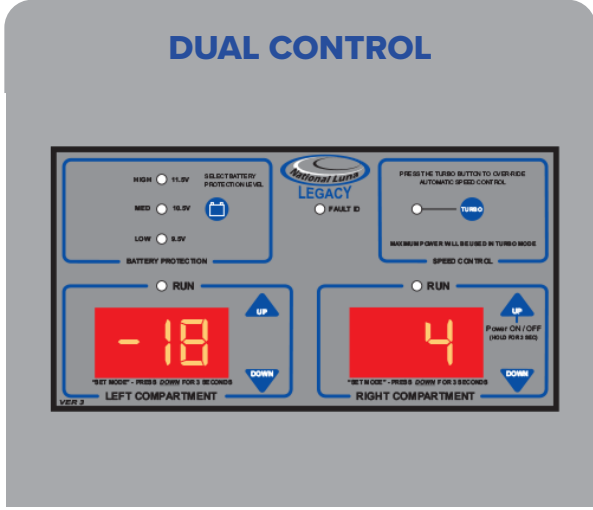
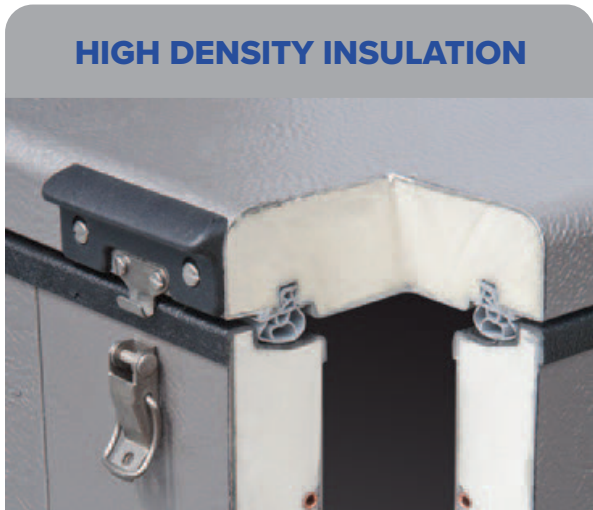
Smarter construction is one element of National Luna fridges’ superior performance - smarter compressor control is the other.

National Luna designed compressors are used to guarantee field servicing and parts availability, taking performance and reliability to new heights with more intelligent, programmable electronic control. The compressor will automatically operate in the high-speed “TURBO” mode until the temperature set point is reached. Thereafter it will operate in the energy efficient idle mode, ensuring optimal power consumption.

Different battery types can be discharged to various levels. To select the depth of discharge of the battery (ie. how low you intend to allow the battery to flatten), all National Luna fridges incorporate Low / Medium / High battery cut-out protection circuitry.

Also, when it comes to operating your fridge/freezer, National Luna puts you in charge like no other manufacturer. Equipped with an easy-to-read digital thermostat, the programmable intelligent controller allows you to set the exact temperature you want, shows you the current compartment temperature, and gives you the option of manually selecting the high-speed “TURBO” mode for even faster cooling.

Multi-featured, easy to use and reliable, National Luna’s new Intelligent Compressor Control is the smart choice.



BETTER PERFORMANCE, LESS POWER

With high-efficiency compressors, intelligent controllers, a large aluminium cooling plate area, and more effective insulation, National Luna fridges cool faster, stay colder for longer, and draw much less power.

Most portable fridge manufacturers use their own statistics and performance figures, so it can be difficult to make comparisons. National Luna makes one simple guarantee - our freezers will maintain genuine deep-freeze capability.

Every fridge in the National Luna LEGACY range will chill down to an impressive -18°C even when outside temperatures hit a blistering 43°C. (That’s over 60°C below ambient temperature)! In the real world total “BATTERY DRAIN” is about how much average power a fridge will consume over a period of time - not just how many “amps” it draws running in a laboratory testing environment.

Australian conditions proved time and time again that National Luna fridges use less power and stay colder for longer, without excessively draining the battery. Not everyone wants to deep freeze in the desert, but with National Luna you know the fridge can handle extremes and maintain stable temperatures throughout the fridge compartment... and that’s important because food lasts longer.

When warm food and drinks (extra load) are added, the intelligent controller will automatically speed up the compressor to “pull down” the load as fast as possible, and then revert back to the energy saving “idle” mode.

Where others struggle, National Luna fridges keep on doing the job ... without running the battery flat!



BUILT TO WORK HARDER & LONGER

With outer Stainless Steel metal construction, National Luna fridges are built to survive in a harsh world, with the emphasis on durability and longevity. All National Luna fridges feature rounded impact resistant corner mouldings to help prevent damage to the fridge or the vehicle, sturdy lockable metal latches, and heavy duty carry handles that double as tie-down points that fold flat to maximise load space. Made of hard-wearing rust-resistant Stainless Steel (Grade 430), National Luna fridges are easy to clean and they’re tough enough to withstand commercial use and give years of useful service.

QUALITY & PERFORMANCE GUARANTEED

While other manufacturers rely on random testing, every single National Luna fridge undergoes testing in a 43°C climate controlled chamber to ensure performance criteria are met. Quality is guaranteed from day one, and with tougher materials, advanced manufacturing techniques, and superior components, all National Luna fridges carry a comprehensive 3 year Warranty on the complete unit.

National Luna fridges aren’t just sold by any retailer either - only dealers with a commitment to understanding customer needs and ensuring the right installation are appointed as National Luna outlets - so quality service is assured.

With a worldwide network of service agents and parts back-up, you can be sure you’ll enjoy years of satisfaction when you choose National Luna.



LARGE CAPACITY, EXTREMELY VERSATILE

The National Luna LEGACY 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, mining companies, major expeditions and tour operators. For the ultimate in versatility, National Luna offers its unique Dual Control units with two separate, individually controlled fridge/freezer compartments, giving you 4 options of freezer/freezer, fridge/fridge, freezer/fridge or fridge/freezer - it’s your choice!

UNIVERSAL LID CONFIGURATION (NLR50SL & NLR52SL Only)

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

