

Why the Innovan Camper is so good



Innovan Campers have evolved from more than thirty years experience using slide-on campers and caravans. This experience led to a new concept, which has been **patented** and then refined by the innovative ideas of an award-winning industrial designer. For many people who like to enjoy nature and the great outdoors, the Innovan slide-on, because of its unique features, provides a realistic option for taking their "campsite" and all their equipment with them wherever they go as well as the traditional concept of driving to a suitable location and "setting up camp". The Innovan slide-on could be thought of as an **off road mini-motorhome** when it is mounted on a 4x4. **Compare the features and be convinced that nothing else comes close to the Innovan Camper.**

So easy and convenient is the innovan system, that it takes only seconds and one single movement to change from an attractive, streamlined compartment, with a height only 1.5 metres above the floor to an enclosed living space with solid walls and a ceiling close to 3 metres high (higher than most house ceilings). The roof is supported by gas struts set at a pressure, which enables the roof to be raised or lowered effortlessly, and to remain in the position it is placed. The stairs and awning can be deployed or packed away in a matter of seconds. Because of the external access to storage compartments, chairs and other items that make up a campsite, can also be obtained or stored away in only seconds.

With Innovan the emphasis is on **quality and durability**. PVC foam is used rather than the cheaper alternatives of wood, or polyurethane foam to avoid the risk of rotting or delaminating and to enhance the insulating properties of the unit. Stainless steel is used rather than coated or painted steel to avoid rust. The one piece moulded construction of the major components, does away with the need for sheets of material to be attached to some sort of framework with staples, pop-rivets, screws or glues etc, all of which have the potential to fail under extreme conditions. The gelcoat surface is tough and even after years of exposure can be easily buffed back to its original brilliant finish. **The Innovan Camper is built to last.**

Lightness and strength are achieved with innovative design and the use of long lasting space age composite materials and technology similar to that used in state of the art racing yachts. The composite furniture, apart from being attractive and easy to clean, adds to the structural strength of the unit as opposed to most other vans where the furniture is a load that needs to be carried.

Be comfortable in the heat and the cold protected by the excellent insulating properties of the composite materials, which are used in the walls and the roof. Most other camping vans or camping trailers have canvas or vinyl in the walls or roof or both. These can be like an oven in the summer sun or like a refrigerator during winter nights.

Feel safe and secure in an **Innovan Camper** surrounded by solid walls and lockable windows and doors.

Locakable doors with top quality automotive dust seals provide **external access to storage areas.**

An aerodynamic and compact shape not only looks attractive but produces impressive fuel savings. During field testing using a Nissan Patrol, 1.5 litres less fuel was used per 100 kilometres with the vehicle carrying the slide-on than with the vehicle being used with a drop-side tray. The compact shape, low centre of gravity and low overall height allows travel on bush tracks or timbered areas where many other slide-ons, motor homes, or ordinary caravans could not venture.

The Innovan Slide-on is **easily attached to the tray** or the chassis of most cab/chassis vehicles. Using **adjustable winding Jacks** or **non adjustable Stands** (legs) which can be inserted into the stainless steel **Jack Mounts**, the slide-on unit can be quickly and easily detached from the vehicle and used as a free standing unit leaving the vehicle available for use as a normal tray back. The jack mounts are 50mm. square tubes extending under the slide-on and welded to 50x25x1200 stainless steel hollow sections to provide exceptional strength. Some jacking mechanism (e.g. air bag suspension) would be needed with the non adjustable stands. Castor wheels on the legs allow the unit to be wheeled about on a hard level surface. This simplifies storage or locating the unit on the vehicle. The adjustable winding jacks have the advantage of being able to lower the unit closer to the ground after removal from the vehicle.

"**Innostairs**" **light weight Aluminum stairs** have 250mm wide treads with non-slip ribs, not like the "ladders" on some other makes. Grip handles add to the feeling of security. The stairs can be unfolded or stored in seconds. A change in direction of the lifting movement locks the stairs in place and at the same time restrains the "**Innosshield**" awning.

Easy access to the living area is achieved with a unique, L shaped door which creates an open space above the steps. This space allows most people to enter the unit without being required to bend over.

Canopy Ventilation Hatches help provide a comfortable internal environment, remove cooking fumes and satisfy gas regulations. The roof hatch in the Voyager has a 300mm, two-directional, thermostatically controlled, 12volt fan.

The "**Innosshield**" **folding awning system** is awesome in its simplicity and convenience. One tug on the soft strap is all that is required to have the awning extend and lock into place to reserve your part of the great outdoors protected from the sun and rain. No supporting poles or ropes are required in normal weather conditions. Easily attached vinyl sides and a floor are available as optional extras.

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□ Exterior Features

Windows on four sides are available with insect screens, to provide a comfortable and spacious environment. The front window has a blind and can be locked out in different positions so it can be left open in the rain or used as a vent to pressurise the interior of the slide-on when travelling. It could also be used as an **emergency escape hatch** allowing most people to crawl out onto the vehicle cab. **Extra fine midge mesh** is available as an optional extra.

12 Volt external lights located under the awning provide light for cooking, eating, reading or showering. They have built in switches.

The **vanity cabinet** on the Voyager and Rover models has a lockable door and can be used to store toiletry items for access from outside the camper. It also houses the shower head and hot /cold water mixer for a **hot shower**, an **external water tap** and the tap for the **filter system to remove harmful bacteria** from the water when this system is fitted.

A **roll-out stainless steel kitchen** is available for you to enjoy outdoor cooking when the weather suits. Using runners rated at 100kg load capacity, the kitchen rolls out effortlessly and locks into place from behind a lockable door under the awning. On the Voyager model this kitchen includes a **2 burner cook top** with glass lid, a **stainless steel barbeque** with lid, a **stainless steel utensil holder** and at a lower height, a fold down **stainless steel work bench** with a **detachable stainless steel basin**.

□ Interior Features

Marine hull liner is used as a lining for the interior of the canopy. This provides a plush, luxury feel and increases the insulation properties of the unit.

Interior lights are attractive, modern, efficient, 12 volt lights with individual switches. As many as 12 adjustable down lights are fitted depending on the model.

240 volt power points are double pole and connected through a **safety circuit breaker**. They are conveniently located at various places depending on the model.

Adjustable lumbar support Seats are covered with attractive, hard-wearing suede like material in various colour schemes which can be viewed by clicking onto the appropriate link.

The **generous size table** rolls out effortlessly on runners rated a 100 kg. load capacity and locks into place. There is no need to squeeze into some confined space with the inevitable spillages of things on the dining table. Two people sitting at the table have access to items on the cook-top, in the fridge/freezer and in the front storage compartments. The **front storage compartments** can contain crockery and cutlery, condiments and food items thus enabling a light meal to be prepared and eaten without having to move from the seats.

The opportunity to cook inside the camper is provided for with either a **two burner cook-top with glass lid** or a **three burner cook-top with glass lid**. The glass lid protects a person from the heat should they be sitting beside the cook-top when it is being used.

An **85 litre refrigerator/freezer** is made for Innovan by **EvaKool**. It provides up to 85 litres of freezer space at 50 degrees C. below air temperature or up to 85 litres of fridge space. A movable partition between the fridge and freezer compartments allows you to vary the size of each of these compartments. The fridge/freezer is designed to work at any angle up to 30 degrees and can operate while travelling. Because it is top-opening, items are easily accessible and cold air is not lost each time the door is opened. This, together with the high quality insulation and large BD50 Danfoss compressor, produces an extremely efficient unit. A 12 V / 240V transformer is available for use with 240 volt power. A front opening, three-way unit (LP Gas/12V/240V) **90 litre Dometic fridge/freezer** is also available as an option.

Two single full-length beds hinge up effortlessly out of the way when not in use or hinge down for easy access when required. These beds can stay made up at all times, There is no climbing up over a table or seats to reach a bed located above the vehicle cab and you are not in a closely confined space as you might be in a "over cab" sleeping space. It is not necessary to climb over your partner if you need to get up during the night.

For those who prefer to sleep together, **bed inserts** are available to connect the two "Innospace" beds so that the mattresses can be aligned together across the camper to form a sleeping area with the width of a **queen size bed**. It is a simple process to change from the single bed configuration and to change back again.

Press button latches enable access to almost 200 litres of **storage space for clothes** at a convenient height (table height) inside the bed bases. **More storage** is available under the seats and behind the seats.

Top quality **full length mattresses** (1880mm x 760mm) are supplied in various thicknesses and qualities according to the model. Very tall people can be accommodated by placing part of their pillow over the horizontal bench surface at the end of the bed, thus extending the bed length to well over two metres.

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The **Voyager** has a **stainless steel sink/ drainboard** with **glass lid** and **hot/cold mixer**. The glass lid can provide extra bench space and prevents splashing on the mirror surface of the cupboard door located behind. There is a similar cupboard opposite across the passage way. These **two chest-high cupboards** on the Voyager have gas strut assist lifting mechanisms on the doors.

The horizontal surface across the aisle, opposite the sink drainer, has a **removable work bench** which doubles as a cover for the storage area underneath. If this area is used to store cooking utensils they can be accessed from both outside and inside the slide-on. A depression at the edge of the work bench prevents any spillages from entering the storage area below and makes for easy cleaning.

The floor covering can be either top quality **plastic backed luxury carpet**, attached to the floor with press studs to allow for easy removal or it can be **top quality vinyl** that can be easily cleaned.

□ General Features

A **water flushable toilet** is supplied with three models and can be accessed from inside or outside the unit in various ways depending on the model.

A compartment for a gas cylinder is located on both sides of the unit behind the lockable oval shaped external access doors. They are open to the outside atmosphere and can accommodate **two, 4.5kg lp gas bottles** together with a **gas regulator** and **braided flexible hose**.

A **gas hot water system** is standard on the Voyager model. The 14 litre stainless steel tank is more than adequate to provide for **hot showers**. It features electronic ignition and controls which can be used to set temperatures of up to 70 degrees C.

A **reverse cycle air conditioner** (Dometic Climaster) can be installed with ducting to provide cooling and heating for extreme climatic conditions. This air conditioner has enough capacity for a van almost twice the size.

A **microwave oven** can be fitted for those who want it. The installation locations available depend on the model options chosen.

Various **12 volt water pumps** are provided according to the model and the need to operate a shower. On some models plumbing and fittings are provided so that a **Suction line to an external water source** such as a creek or bucket can be connected to the pump.

A **0.5 micron water filter** designed to remove harmful bacteria such as Giardia is standard on the Voyager model and available as an option on other models.

The Voyager model has a **15" high definition LCD TV** as standard equipment. It can be viewed while sitting in the seats or while lying on the beds. **DVD** and **sound systems** can be added.

A **fire extinguisher** is available. Other **safety features** that are available include a smoke detector alarm, a valve which automatically shuts off gas supply as the external kitchen is rolled back inside its enclosure, readily accessible valves to shut off the gas supply to the internal cooktop and the gas hot water system and the possibility of using the front window as an emergency exit.

Security features include solid walls with windows that are lockable from the inside and a main door that can be locked from the inside simply by lifting the handle. All the external doors have locks and keys.

The **Innovan "SPU" (Shower Privacy Unit)** is a vinyl cubicle, with a floor, that is easily attached to the awning and the back of the camper in such a way that the vanity unit is accessible from inside the **SPU**. A hose can be attached to the floor outlet to drain off the shower water. An access zip allows the **SPU** and its door to double as a windbreak on one side of the awning. Being one metre long, the **SPU** could also accommodate the use of the portable toilet. One corner of the **SPU** can be attached to the **awning support rib** which can also be used to padlock the awning in the open position.

Value for money is exceptional and remember there are no extra registration fees for a slide-on **Innovan Camper**.

Click on **gallery** within the **Innovan** website to view images of many of the features mentioned.

Click on the link to the **Model Specifications Table** to compare the features which are standard features on the various **Innovan** models. Note that the features of the various models may be able to be varied to provide you with a mobile shelter system tailored to your own specific requirements so that you get the maximum enjoyment from your outdoor adventures.

