



Ultra strong, lock in/out slide

A problem that travellers often have is the unsatisfactory operation of refrigeration without the availability of mains power, particularly in hot, dusty conditions. The most common complaints are of flat batteries and fridges not keeping cold in hot weather. *Aussie Swag Campers* has been successfully operating refrigeration in its camper trailers since 1987, and since then has continually kept up with the latest advances in technology. Travellers can be assured that refrigerators will operate successfully without the need to run a generator day and night. A slide out 80 litre *Waeco* fridge/freezer, housed in a steel, fan forced, vented box (pictured), is a standard feature in the *Ultra* and *Explorer* models and provides quick and easy access to your food and drinks even when the camper is closed.



Generator on slide

Water pumped in from external source - save main 130L tank for drinking, refill jerry can with available water

In the *Ultra* model, the offside storage bin houses the generator and the inbuilt, hard wired and plumbed, electric hot water system. The heater runs on both 12 volt and 240 volt power. On 240 volt (mains power or generator), it takes ten minutes to heat the 10 litre holding tank to 70°C and can then supply hot water continuously to the shower or kitchen. On 12 volt it takes fifty minutes to heat the water, but it can be safely run while driving, saving both time and battery power as the trailer's batteries are being continually recharged by the tow vehicle. Left on 12 volt while driving, the heater provides hot water instantly for roadside stops or after a long day's drive, and the trailer's batteries are still full. Ten litres at 70° when mixed with cold to a usable temperature, supplies 20 to 30 litres.

The external water source allows the trailer's 130 litre water tank to be saved for kitchen use and drinking. Shower water can be sourced from creeks or bores which is especially convenient in areas where drinking water is scarce. This solution is far more practical than having a second tank as even with a 60L tank (only the equivalent of three jerry cans) once it is empty there are no more showers until it is refilled which is not always possible.

The *Honda EU 20i* generator (standard on the *Ultra*) is another means of charging the battery pack when 240 volt mains power is unavailable. Running the generator through the 60 amp smart charger puts 60 amps an hour back into the batteries until they are 80% full. It then progressively reduces until the batteries are 100% full. This system significantly extends the life of the batteries.

An added benefit of pumping water directly from an external source is that you can easily monitor water usage. This feature is especially useful with children as it is so easy to go through 20L in one shower without realizing it. Also, when adjusting the flick mixer to get the required water temperature, the unused water can be directed back into the jerry can, again saving water.



Shower room - large enough to change in, made from water-proof but quick drying, high quality nylon

