



Refrigerated Vehicle Conversions with
High Payload, High Strength & High Thermal Integrity

A Wide Range of Transport Refrigeration Units

For your peace of mind we specify only fully supported transport refrigeration units from leading manufacturers or any specific unit of your own choosing. When selecting a unit for your conversion we consider thermal capacity and airflow capacity in conjunction with defrosting arrangements as well as the physical and dimensional characteristics of the unit components. As well as traditional units where the condenser is housed on the roof of the vehicle, we offer equipment which allows the condenser unit to be located under the bonnet of the vehicle. This option is particularly suitable where height restrictions often apply in your operation.

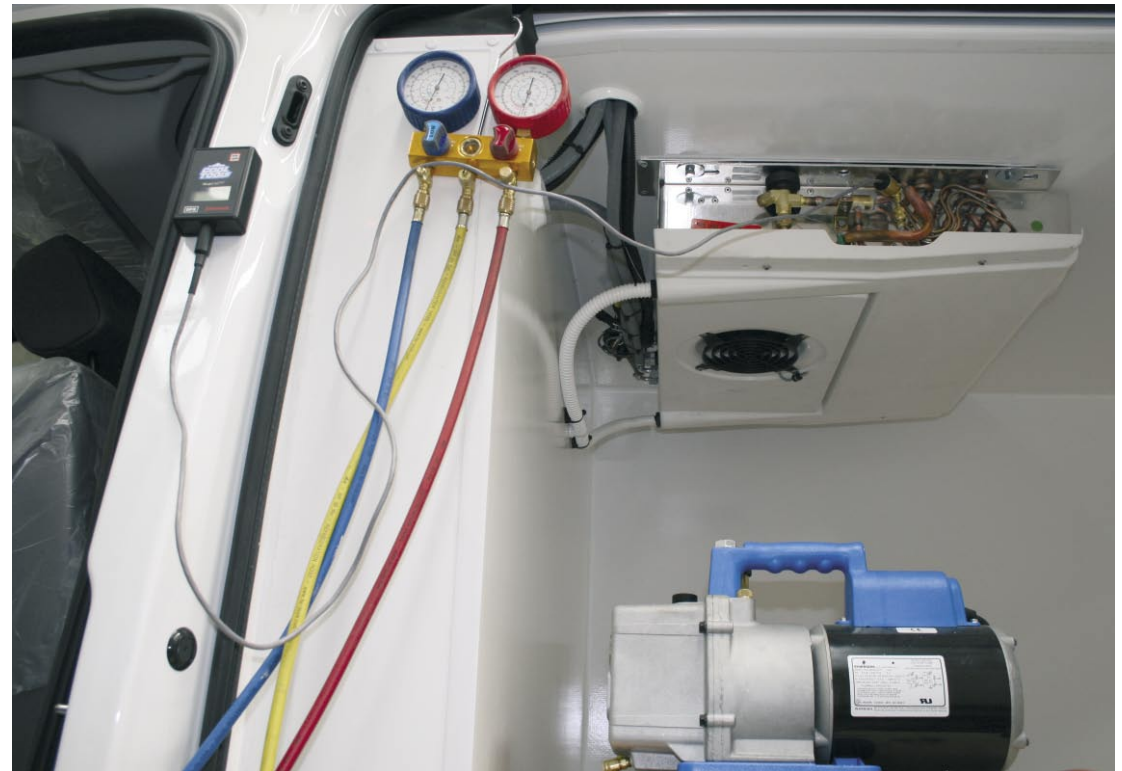
Refrigeration Powered by Engine, Battery or Mains Electricity

It is commonplace for transport refrigeration units to be powered by motion from the vehicle engine, known as "Direct drive" but for unusual circumstances we are able to offer alternatives that take power from the battery, or some which require no powering at all. These circumstances may include petrol fuelled or electrically propelled vehicles, or those where cab air conditioning is required simultaneously. Of course there are also models available which allow the refrigeration to run in stand-by mode whilst the vehicle is stationary from either single or three phase mains or generator supplied electricity, useful for running overnight or whilst on location.

Skilled Refrigeration Engineers

To ensure consistently high standards of refrigeration unit fitting and on-time scheduling, we employ our own skilled engineers as well as those available via the manufacturers own approved networks. This choice of installation process also safeguards the warranty provided by the unit manufacturer provided that the unit is serviced in accordance with their guidelines. We also provide scheduled and ad-hoc refrigeration unit servicing to maximise the operational reliability of the unit.

Our kits are the lightest on the market today,
providing maximum payload!



Vacuum pump and micron gauge being used to evacuate refrigeration unit



Condenser unit being fitted into recessed GRP housing



Under-bonnet condenser unit being fitted inside the engine bay

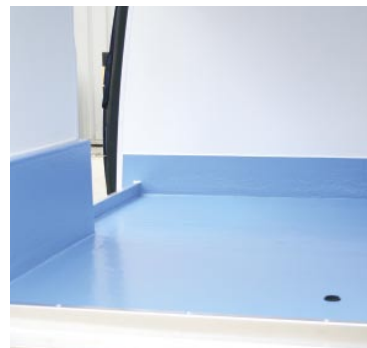
Experienced Technicians & CNC Controlled Processes

Ensure High Standards of Quality Control & Fast Turn-around Times

- Our objective in converting your vehicle is to provide a strong, durable, lightweight and thermally efficient lining which can be fitted more quickly than other conversions and used with an array of refrigeration units to maintain regulated temperatures. To achieve this we manufacture our own multi-element panels using strong, light and waterproof materials pressed together under vacuum.
- The innermost skin is made of hard wearing GRP sheet of uniform thickness, reinforced with incredibly strong woven roving and protected with an impervious gel coat.
- Extruded polystyrene vehicle insulating board is used for its superior qualities, including high strength and low thermal conductivity.
- WBP grade plywood is used to reinforce the load bearing floor panel. This is typically further reinforced with fibre glass before a protective gel coat is applied to form either a smooth or non-slip surface. For extreme situations, aluminium checker plates are used for ultimate reinforcement.
- Panel elements are bonded together using only chemically curing polyurethane adhesives for consistently strong bonds.
- Panels are CNC-cut to ensure that the most accurate fit is achieved. They interlock so as to be thermally and structurally superior to traditional processes.
- To avoid the danger of rot or moisture absorption within the conversion we have eliminated the use of traditional timber frames whilst selecting alternative materials to provide rigidity.
- A 36 month warranty against defective materials and processes reflects the confidence we have in our product.



Removable bulkhead allows variable sizing of two temperature zones, or just one zone when your load mix changes



Floor modified for carriage of wet loads



The CNC Router cuts panels with extreme accuracy for unrivalled quality of fit

A Quality Service from Start to Finish

- Immediate quotes while you wait or within the hour
- Response by phone, fax or e-mail
- Help in choosing the right equipment
- Assistance with delivery and collection
- On time scheduling, every time
- Full inspections at every stage
- 36 month lining warranty
- Manufacturer accreditation
- Support from our network of distributors in the UK and overseas

Bespoke Requirements

There are a range of popular options that we can incorporate into your conversion to accommodate your diverse requirements, including:

- Clear PVC strip curtains to provide extra thermal protection across the door openings.
- Non-slip carborundum floor finish for walk-in safety.
- Reinforcements to protect the lining in hostile loading situations.
- Wet load floor enhancements to cope with moisture containment and drainage.
- Static and removable mid-bulkheads to produce two or more load compartments.
- Modular doors for deep frozen temperatures to -25°C .
- Ovens & Hot Cupboards for product heating to $+80^{\circ}\text{C}$.
- Meat rails for carcass hanging.
- Shelving & racking to any specification.
- Recessed housing to minimise condenser unit protrusion.
- Spray painting & decal application
- Data recorder for storing & printing temperature records.



Directions

Exit the M65 at Junction 8

Take A6068 North (Clitheroe & Padiham) for 1 mile

Turn right at lights A678 (Padiham) for 50m

Turn right at lights (Shuttleworth Mead) for 400m

Turn right onto Mead Way for 200m

Turn right into CoolKit

In addition to our own conversion service, CoolKit has a network of Distributors around the UK and overseas, who are able to provide local fitting of CoolKit products as well as comprehensive after sales support. For details of your nearest Distributor please contact CoolKit or visit our website.

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