

# THERMAC

The name the trade trusts

## Product Data Sheet

# Decontamination/Hygiene Unit

## Twin-Shower, Self-Contained Decontamination/Hygiene Unit



Thermac are leaders in the design, manufacture and servicing of a wide range of decontamination/hygiene units.

Our units are built and maintained by engineers who are qualified to install and inspect LPG and electrical systems and each unit fully conforms to HSG 247, VOSA and other required legislation.

A key focus of our design philosophy is to incorporate features to make their use as maintenance and trouble-free as possible – and therefore cost effective.

The body is constructed of GRP-faced ply-board, polished to both sides to give a robust, easy-to-clean finish. All of the floor areas are covered with hard wearing fibreglass gel coat to maximise durability.

The corners, doors and frames are supported by aluminium angles and where required the doors are self-closing and fitted with airtight strips.

The chassis incorporates a single-axle, rated up to 1,500kg and uses a braked spring-damped tow hitch.

For added stability the A-frame is welded to the chassis and the unit incorporates four corner-steadies.

**Hire, Sales and Servicing:  
Hazardous Equipment Specialists  
Construction and Demolition**

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## Key features

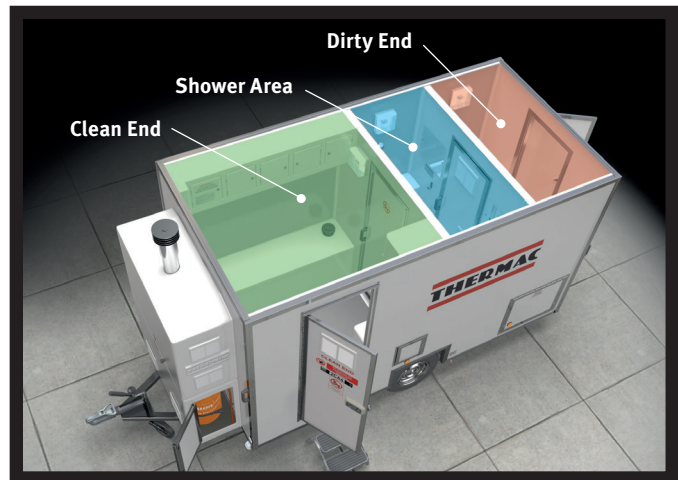
The unit consists of three key sections: the Clean End, the Shower Area and the Dirty End.

For ease of use the LPG generator, gas bottles, waste pump and the waste water filter can be externally accessed via purpose-built hatches. Drain taps are also fitted at various points around the unit and are clearly marked for easy location.

The unit comes with all necessary warning signs and the graphics can also be fully customised to a customer's requirements.

### Clean End

- The lockable, vented external door leads into the Clean End which houses the 350 Litre capacity, onboard water tank. This tank also functions as a bench for added user-comfort
- The 8 key-operated lockers each contain a power socket to facilitate the charging of spare RPE batteries
- The LPG boiler and fresh-water pump are situated in the forward compartment and can be accessed from the Clean End section
- For added peace of mind a carbon monoxide detector is also fitted as standard
- Standard fittings within the Clean End are a mirror, sink, hooks, oil-filled radiator and a documentation holder for all relevant unit certification
- A self-closing, gravity-vented door then leads into the Shower Area (Note: The fittings in this and other areas within the unit can be customised to specific customer needs).



# Decontamination/Hygiene Unit

## Key features

### Shower Area

- The Shower Area incorporates two independent showers, mirrors, hooks and a light
- To ensure the unit can be effectively drained of all fresh-water, in preparation for freezing temperatures, it incorporates 4 water-drain taps
- The next self-closing gravity-vented door then leads into the Dirty End.

### Dirty End

- The Dirty End houses two seating benches (one being located over the Negative Pressure Unit and the tube-heater), mirror, hooks and a light
- The self-closing door from the Dirty End incorporates an additional external aluminium frame to facilitate easy connection to an enclosure
- Removable Negative Pressure Unit with real time digital flow monitor and H14 filtration for 99.995% efficiency

### Dimensions

- Internal Sizes:  
Clean end – 1750mm x 1870mm  
Shower area – 1750mm x 800mm  
Dirty end – 1750mm x 900mm

### Other Units

Other units available in Thermac's Decontamination/Hygiene Unit range include:

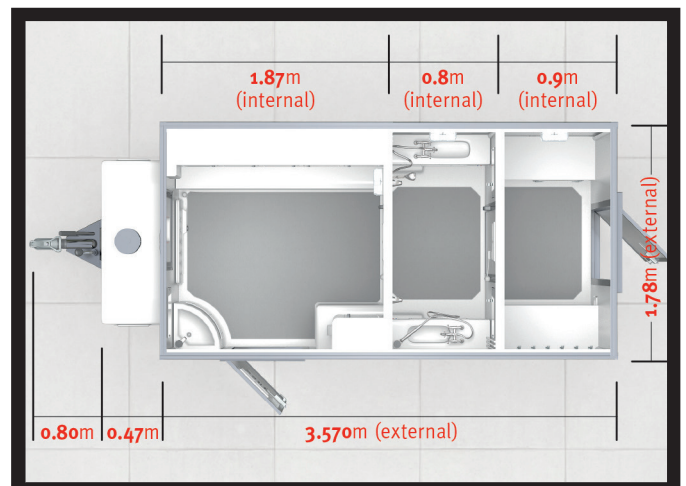
- A 16-man twin-axle option
- A 4-man alleycat/narrow option
- A modular option
- Welfare units
- Bespoke units

### Digital Flow Meter

Readings can be taken from the real time digital flow meter from the outside of the unit through the inspection hatch.



Self calibrating airflow monitor



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### Accessories

In addition to the accessories already mentioned, Thermac units come complete with:

- 15m 240v armoured cable and plug-in RCD
- 2 x 15m braided hose (Fresh water and waste)
- 2 sets of double steps
- Propane gas regulators and isolating valves
- Grab handles on corners
- Corner steady key
- 2 x gas bottles and spanner
- Earth rod and fly lead
- 2 x waste water filters
- Negative pressure unit fitted with real time digital flow meter
- Carbon monoxide detector



### Additional items available to order

Extras available on Thermac Units:

- Hitch lock (enclosed type)
- Wheel clamp
- Replacement 5 micron water filter
- Optional 240v power points
- Spare wheel and tyre
- Fire extinguisher – 1 kg dry powder
- First aid kit
- Soap dispensers
- High level side marker lights

### Service and after sales support

The unit comes with an NICEIC electrical certificate and the gas appliances are fitted, tested and certified to conform to all current gas safety regulations.

Each unit is supplied with free user-training, warranty and all relevant test certification. Each unit is also automatically logged onto Thermac's computerised autorecall system: this informs the owner when each re-test is required to ensure ongoing compliance and safety.

For added security Thermac units are fitted with the DATATAG® security system.

### Hire or Buy

All units are available to hire or buy and Thermac offers full technical back-up and a first class servicing package.

### Technical Specification

Specification	Dimensions	Weight	Water capacity	Gas supply	Voltage	
Decontamination/ Hygiene Unit	4.84 metre long 1.78 metre wide 2.85 metre high	1,100 kg	Mains or 350 litre tank	2 x 13 kg Propane cylinders	13A, 230v supply	
Power supply	Capacity	NPU	NPU Pre-Filter	Heating	Storage	Security
Mains or built in Generator	8 people	400m <sup>3</sup> / hr	12 x 12 x 2	Oil-filled radiator and tube heater	8 lockers with cylinder locks and RPE charging sockets	DATATAG® system and locks on all external hatches and doors



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