



# TRICON

## RAPID DEPLOYMENT REFRIGERATED



The **Heuch Utility Tricon (HUT)** is designed for flexible support of personnel in remote areas.



### Heuch Utility Tricon Model V13344

The **on-board 415 volt marine generator** is powered by a Yanmar 3 Cylinder Water cooled Diesel Engine direct coupled to an 11 kVA **Brushless** Alternator. The generator may be switched between providing power for the on-board refrigeration system or providing a useful 415 volt, 15 amp power outlet for other appliances and lighting.

The HUT contains sufficient fuel in the gravity feed fuel tank to operate for three days under normal conditions without refueling. During operations where grid power is available the HUT refrigeration system can be switched across to the new power source.

The 3 major mechanical groups of the HUT are designed for modular assembly and rapid removal by a minimum of personnel with basic tools. All electrical connections between major components utilise rugged dis-connect plugs. The HUT was designed & conceived by Defence Force personnel and Heuch engineers to provide a simple, rugged solution for fast deployment into remote areas.

When placed into storage in standby mode the HUT utilises a battery monitoring system to hold the unit ready for immediate readiness.

The Tricon conforms to ISO 1E configuration and may be constructed from a variety of materials. The Tricon is suitable for air transportation in stand alone configuration and may also be carried by approved slings under suitable aircraft.

The Tricon may be operated whilst mounted on the rear of wheeled transport or statically when mounted for base area operations or sea transportation.





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<b>Diesel</b>	<ul style="list-style-type: none"><li>* Yanmar Water Cooled, 3 Cylinder Diesel Engine</li><li>* Model 3TNE 74</li><li>* 1500 rpm for extended life</li><li>* Gravity Feed Diesel Fuel Tank</li></ul>
<b>Generator</b>	<ul style="list-style-type: none"><li>* Direct Drive Marine,</li><li>* 415 Volt, 50Hz, 5 Wire</li><li>* 11 kVA</li></ul>
<b>Mains Power</b>	<ul style="list-style-type: none"><li>* 3 Phase Mains Inlet Socket (4 Wire)</li><li>* 3 Phase Mains Outlet Socket. (5 wire) 15 Amp</li><li>* Phase Reversal Indicator and Change over switch</li></ul>
<b>Container</b>	<ul style="list-style-type: none"><li>* Fully seal welded steel box</li><li>* Double rear barn doors</li><li>* Dimensions to ISO 1E, 2400L x 2000W x 2400H</li><li>* Twist lock corner cases</li><li>* Stainless or Aluminium (flat panel) lined</li><li>* Air flow floor</li><li>* Painted in camouflage to order</li><li>* Robust construction</li></ul>
<b>Controls</b>	<ul style="list-style-type: none"><li>* Heavy Duty Diesel Control Module</li><li>* Weather Proof</li><li>* Deep Cycle Battery <b>with</b> Charging circuit for Generator, Mains and Standby operation.</li></ul>
<b>Refrigeration</b>	<ul style="list-style-type: none"><li>* Fully sealed system</li><li>* Semi-hermetic Transport Compressor</li><li>* High Ambient Air-cooled Condenser</li><li>* Digital Temperature Controller</li><li>* Automatic Defrost</li></ul>
<b>Ambient</b>	<b>+50°C</b>
<b>Internal Temperature Range</b>	<b>+2 °C to -18°C</b>
<b>Capacity @ +2°C Box Temp</b>	<b>4,100 Watts</b>
<b>Capacity @ -18°C Box Temp</b>	<b>2,400 Watts</b>

Heuch Pty Ltd is a leading Australian designer and manufacturer of special purpose refrigeration equipment and systems. **Founded in 1970**, Heuch Pty Ltd has established itself as a leader in its field. The manufacturing facilities in Moorabbin, Victoria, Australia, produces an extensive range of refrigeration equipment.

Our company's aim is to produce technically advanced, quality products and equipment. We take pride in our ability to design and manufacture a vast range of equipment here in Australia, and from its inception Heuch has aligned itself with international technical specialists to ensure the best and latest plant and technology is made available to our customers.

Our company is an **ISO 9001** accredited company with experienced staff including administration, engineering, project management, manufacturing, field service and installation personnel.