



Off-Shore Support



The HEUCH HC150-2P is a marinised refrigerated mini container providing, two temperature, **user selectable operation** for use as a chiller (+4°C) or a Freezer (-18°C) in marine environments up to +40°C. The design features a full reverse cycle defrost system and components are selected to minimise maintenance requirements and operate efficiently at both ends of its operational range.

The refrigerated container package is specifically manufactured for an off-shore food/stores transit system and may be optioned for operation in a Hazardous **Class 1 Zone 1 Group 2B Temp T4** area.



Heuch HC 150-2P

The container shell is built and tested to **Lloyds Register of Shipping** requirements and exceeds **DNV** drop testing standards for 2.5T.

The container is configured to be **inherently stable** by careful location of major mass components as close to the deck as possible. This provides for a low centre of gravity, which resists toppling when loading and unloading on a rolling vessel deck.

The basic container can be fitted with an array of **options** to suit the particular characteristics of individual operational requirements.

The interior lining of the container is **fully seal welded 316 stainless steel**, which provides a corrosion resistant, easily cleanable surface.

The exterior finish of the standard container is **Water Borne Zinc** with a White topcoat.



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The refrigerant circuit operates on refrigerant **R404A** and incorporates a Special Hermetic Compressor, Extended Surface Evaporator, Extended Surface Air Cooled Condenser, Thermostatic Expansion Valve, Filter/Drier, Liquid Receiver and Refrigerant Reversing Valve.

The container has been designed to operate automatically in normal circumstances. After the simple pre-start checks have been carried out and the unit started, the container can be operated by the Temperature Selector Switch.

In the case of a situation outside of the design limitations the control system safety switches will shut down the plant and light a fault indicator. The unit must be reset and re-started manually. This is done by turning the Temperature Selector switch to the off position and then back to the required temperature setting.

Options

- ✿ Lifting Gear - Pre-tested and certified
- ✿ Alternate Exterior Paint Systems and Colours
- ✿ Identification Marking to request
- ✿ Chart Recorder
- ✿ Interior Light
- ✿ Interior Personnel Alarm
- ✿ Audible Fault Alarm
- ✿ Alarm Strobe in lieu of Beacon
- ✿ Battery Backup for Alarm system
- ✿ Stainless Steel 316 adjustable shelving
- ✿ Hot Dipped Galvanised adjustable shelving
- ✿ Cargo Nets - Heavy Duty Webbed
- ✿ Non Slip Floor Mats
- ✿ Door Curtains
- ✿ Hazardous Area Operation
- ✿ Cold Area Operation
- ✿ Other options available upon request