

REFRIGERATED BODY STORAGE CABINET SPECIFICATION

REFRIGERATED CABINET

Description A range of factory assembled fully insulated cabinets specifically designed and manufactured for mortuary applications and compliant with HBN20 2005 & Model DHSS Eng. Spec C10. The modular range of cabinets includes many unique features with particular emphasis on protection and reinforcement and high quality construction. The equipment offers enhanced reliability, performance and is suitable for standalone applications or use with the LEEC body handling systems.

Features

- 80mm high density rigid insulation media polyurethane insulation
- Frameless, self-supporting modular system insulated with fire retardant, rigid polyurethane foam
- Modular construction with interlocking panels locked together with concealed camlocks
- Insulation is a water based PUR, foamed entirely without CFC or fluorocarbons.
- The foamed density is 42-45kg m³ & K Value of 0.24 W/ m²K for a typical 80mm wall thickness.
- Panels exceed fire standard DIN 4102 B3.
- 0.55mm galvanised steel substrate 'food safe' cladding
- Finished in white polyester laminate to all interior and externally visible surfaces
- Joint sealed with neoprene gasket to prevent water ingress then sealed with silicone sealant.
- Fully insulated floor structure reinforced with a 9mm WPB plywood deck.
- Floor load bearing capacity of up to 30 KN/m²
- Floor finished in 304 gde, 0.9mm stainless steel for hygienic and easy cleaning
- High density rubber tray bump stop to rear wall to prevent impact damage.
- Single rebated & fully reinforced insulated 80mm door
- 6mm plywood reinforcement sheeting fitted within each door lining
- Clear door opening of 600/700/800mm wide x 1950 mm Ht
- Each doors complete with "wipe clean" identity plate.
- Profiled 360o p.v.c magnetic door gasket in rebate to fully protect the seal.
- Face mounted polypro door latches, with internal emergency release
- Chrome plated edge mount adjustable hinges offering 160° opening
- Factory assembled prior to packing and delivery

Options

- *'Pass through' or 'End loading' cabinets*
- *Plinth can be provided for termination of floor covering*
- *Fascia cloaking panels in matching material for easy clean, wipedown finish*
- *Stainless steel whole or part doors, fascias, and alternative colours.*
- *Various width for standard, extra wide or obese storage*
- *For low temperature uses concealed heater wires to prevent build-up of frost or condensation*
- *Self extinguishing panels to meet fire standard DIN 4102 B2 available*

BODY STORAGE RACKING

Description Stainless steel modular racking featuring a height adjustable, maintenance free, stub roller system, allowing clear and full access to the cabinet for maintenance and cleaning

Features

- Modular st steel racking system integrated with cabinet to form a fully rigid structure
- Tray supported with eight free running, 50mm self bearing acetyl stub rollers
- Captive locking allows full roller adjustment for height
- Capable of achieving 6 tier storage
- Expansion options by simply adding trays
- Designed to operate in temperatures of -30 oC.
- Tray spacing varies from 300 upwards, dependent on the capacity

Options

- *Tubular stainless construction with fixed height rollers*
- *Full width rollers with integral bearing*



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BODY STORAGE TRAYS

Description 100% stainless steel trays featuring a special perimeter profile designed to offer a full body storage or autopsy platform and available in differing widths.

Features

- Manufactured entirely from 304-grade stainless steel.
- 40mm raised profile tray perimeter with drainage leading to 32mm drain point
- Pressed and welded construction, crevice free construction with ribbed pattern for drainage
- Tray supported on returned side edges, designed for use with stub roller based racking system
- Enclosed tubular support sections welded to underside to form the support skid
- Leading edges are provided to prevent damage to trolley rollers.
- Full width st steel carrying handles
- Fully compatible with LEEC refrigerated and body handling systems
- Dimensions: 2100 Lth x option

Options

- 560 standard, 660 semi obese, 750 Obese, 900 Extra - widths available(mm)
- 316 stainless steel, drainage to one end of tray for use with tray transfer

REFRIGERATION EQUIPMENT - COMMERCIAL RANGE

Description A commercial refrigeration system designed to meet HBN and C10 design guidance, offering a simple installation capable of meeting the cooling demand and fitted with compact electronics as standard.

Features

- Modular construction in single ceiling mounted block
- Forced air evaporators inside cabinets, frost free condition maintained by cyclic hot gas defrost
- Integral condensate collection and thermostatically controlled disposal
- Hermetic condensing units with electronic thermistor protection, R 404 refrigerants
- Single discharge evaporator fitted with copper pipe with aluminium fins
- Independent control systems for each plant/ cabinet
- Electronic digital control system, digi temp display, adjustable set point.
- Digital temp and general run/trip indication display with user accessible parameters
- Panels complete with all starters, contactors and delay start on DOL contactors
- Volt free signal (BMS compatible) activated by temperature
- Bulk head lighting with each cooling unit, switched from control panel
- Install pipe work to condensate discharge within 3m
- A full 12 months warranty is included, subject to a maintenance agreement
- All equipment conforms to current BS, HBN, Health and EEC safety standards.
- Test, commission and calibration all in accord with good practice
- 3 No, O & M Manuals, commissioning data, demonstration and instruction to users

Options:-

- *Duplex systems for larger cabinets, each designed to meet 50% of the cooling load*
- *Internal, side mounted and external weatherproof unit options*
- *Dual discharge evaporators fitted where relevant*
- *Monitoring, remote indication or data logging options*
- *Increase in refrigeration duty to meet future expansion*
- *Unit plinths or frames to mount condenser*
- *Mains distribution panels and full connection*
- *Electric pumps to overcome difficult drainage access*
- *Option for first year maintenance service with breakdown cover*

