



HYGINOX - PRODUCT RANGE > HS - H2

GENERAL CONSTRUCTION DETAILS

REFERENCE NORMS	DIN 18865-9
MATERIALS	304 AISI as standard – 316 on specification Scotch Brite finish (very fine/ultra fine grain) on all visible parts

CABINETS

TYPES	Ambient Heated Refrigerated
STANDARD BODY HEIGHT	470 - 660 - 710 - 760 & 830 mm – Applies to Ambient, heated & refrigerated in both SH and H2 variants
STANDARD BODY DEPTH	590 - 690 - 790 mm
BODY LENGTHS	400/2000 with millimetre increments
REFERENCE NORMS	DIN 18865-9
STANDARDS	<p>HS Base, sides and returns to the rear panel formed from a single piece Rear center panel section fixed by electro spot welding. Only laser cutting tolerances to the rear panel micro joint are visible inside the chamber.</p> <p>H2 Base, sides and back formed from a single piece, robotically seam welded to. Rear vertical and Lower panel joints are all formed with a 15mm radius and front corners are rounded. Ceiling is applied to the chamber by spot welding. Front corners of the chamber are integrally welded</p>

	<p>NB: Continuous welding of hygiene levels H1 and H2 is carried out from the inside of the chamber, ensuring a seamless working face.</p>
CONSTRUCTION	<p>Stainless Steel 304 (or 316 on specification) – Gauge 1.0 mm Load bearing mono-block construction with formed, vertical and horizontal reinforcement/stiffening channels to the rear of all faces. All visible faces have Scotch Brite finish. No rivets. Stainless steel machine screws only for removable components Reinforcing profile between internal and external sides of each unit. Internal/fully recessed doors and drawers fronts (perimeter frame). Chamber has no physical penetrations. All fixings inside the chamber are electro welded from inside (also for the HS standard). Option to seal cabinets/cupboards together via external joining panels that avoid a frontal joint between the modules. Middle shelves can be adjusted in three fixed positions, 100 mm apart, seated on pins electro welded to the sides of the chamber.</p> <p>MODULE TYPES: open, with hinged or sliding doors, single sided or pass-through, drawers, bottle drawer, hopper, ambient or heated. Technical compartments and wall cupboards follow the same construction principle. Locks available with individual keys and/or master key. No cost option for mounting on feet, stainless steel or concrete plinth, or mobile.</p>
HINGED DOORS	<p>Boxed and with integral stainless steel, safety edged folded handle within the vertical line of the unit. Stainless steel hinges welded to the door to ensure no penetrations to the door. 180° door opening. Removable without tools for cleaning, facilitated by the construction of the hinges with robust lift out pin. Hidden magnetic closing system to ensure a minimum of penetrations and dirt traps. Lock on request, single or master key. Magnetic locking system available on refrigerated cabinets</p>
SLIDING DOORS	<p>Boxed and with integral stainless steel, safety edged folded handle within the vertical line of the unit. Doors hung on special stainless steel runner with anti-flipping profile and closing limiter. The base is perfectly smooth without any runners or channels. Reinforced bearings ensure smooth action. Runners & bearings designed to withstand the high temperatures of the heated cabinets. Lock on request, single or master key.</p>
DRAWERS	<p>Fronts are boxed with integral stainless steel, safety edged folded handle within the vertical line of the unit. Refrigerated drawers designed to organize GN combinations through dividers. Robust Stainless steel runners with Delrin rollers and stoppers ensure</p>

	<p>smooth, silent running, with little sideways deflection. Bearing weight: 60 kg Telescopic runners on request. Dynamic bearing weight 75 kg with full extraction, for vertical GN removal without tipping. Auto closing with stop on request. GN capacity based on the unit height and number of drawers. Lock on request, single or master key.</p>
SHELVES	<p>Stainless steel AISI 304 with safety fold on all sides, including reinforcing profiles (quantity depending on the depth of the unit). Height adjustable via high load bearing pins that are electro welded on the sides of the unit. Can be adjusted in three positions 100 mm apart.</p>
GN RUNNERS	<p>Made in one unique piece to be easily removable without the use of tools. Design ensures maximum flexibility of the number and depth of the GN's.</p>
HOT CUPBOARDS	<p>Stainless Steel 304 (or 316 on specification) – Gauge 1.0 mm Load bearing mono-block construction with formed, vertical and horizontal reinforcement/stiffening channels to the rear of all faces. All visible faces have Scotch Brite finish. No rivets. Stainless steel machine screws only for removable components Reinforcing profile between internal and external sides of each unit. Internal/fully recessed doors and drawers fronts (perimeter frame). Chamber has no physical penetrations. All fixings inside the chamber are electro welded from inside (also for the HS standard). Option to seal cabinets/cupboards together via external joining panels that avoid a frontal joint between the modules. Middle shelves can be adjusted in three fixed positions, 100 mm apart, seated on pins electro welded to the sides of the chamber. MODULE TYPES: Hinged or sliding doors, single sided or pass-through, drawers. Independent services cupboard with an electromechanical temperature control, 0-90°C, with safety thermostat. Digital temperature display on request. Power and number of heating elements depending on the volume of the unit. Double fan systems to ensure circulation of air through units longer than 1400 mm Top insulated with 40mm pressed mineral wool Doors insulated with 20mm pressed mineral wool Single key closing with master key on request No cost option for mounting on feet, stainless steel or concrete plinth.</p>
CABINETS UNDER WELLS	<p>Stainless Steel 304 (or 316 on specification) – Gauge 1.0 mm Load bearing mono-block construction with formed, vertical and horizontal reinforcement/stiffening channels to the rear of all faces. All visible faces have Scotch Brite finish. No rivets. Stainless steel machine screws only for removable components Reinforcing profile between internal and external sides of each unit. Internal/fully recessed doors and drawers fronts (perimeter frame). Chamber has no physical penetrations. All fixings inside the chamber are electro welded from inside (also for the HS standard).</p>

	<p>Option to seal cabinets/cupboards together via external joining panels that avoid a frontal joint between the modules.</p> <p>Middle shelves can be adjusted in three fixed positions, 100 mm apart, seated on pins electro welded to the sides of the chamber.</p> <p>MODULE TYPES: Open (with or without front fascia), closed with hinged or sliding doors.</p> <p>No cost option for mounting on feet, stainless steel or concrete plinth.</p> <p>Without back panel for services connections.</p> <p>On request, services access can be made through the base of the unit.</p>
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REFRIGERATED UNITS

RANGE	<p>Refrigerated or freezer units, self-contained refrigeration or remote plant options.</p> <p>Gastronorm cabinet, pastry display (600x400 mm) and beverage display.</p>
DIMENSIONS	<p>Depth 590, 630 (only snack unit) - 690 & 790 mm</p> <p>Body heights 470 – 660 – 710 – 760 & 830 mm</p> <p>H2 Hygiene > Norm DIN 18865-9 is available for the 710, 760 mm body heights.</p>
TEMPERATURES	<p>-2 / +10° C - 15 / -20 ° C GASTRONORM</p> <p>0 / +10° C - 15 / -20 ° C PASTRY</p> <p>4 / +10° C BEVERAGES</p> <p>Tropicalized +43°C</p>
CONSTRUCTION	<p>CFC and HCFC free high density foam injected monocoque body.</p> <p>Insulation thickness 50 mm to guarantee a perfect storage temperature and energy efficiency.</p> <p>Completely stainless steel, with Scotch Brite external finish and mirror internal finish with integral.</p> <p>Internal chamber formed with 12mm radiussed corners to the base and top.</p> <p>Stainless Steel grid to support GN containers and totally shield/protect the evaporator. The evaporator has a specific, painted Anti-corrosion treatment.</p> <p>Condensate water container easily removable for cleaning.</p> <p>Reinforced drawers on telescopic runners: dynamic bearing load of 75 kg.</p> <p>Drawers supplied with internal dividers for GN combinations (1/6 and 1/9).</p> <p>Doors incorporate an auto closing system without springs.</p> <p>Anti-condensate magnetic seal, easily replaceable without using tools.</p> <p>Control panels for self contained and remote versions. The shape, design and alignment of the doors and drawers, the feet position and overall aesthetic are such that the cabinets suite and match the ambient and heated units.</p> <p>Control panel with foil printed wipe clean membrane – no penetrations.</p> <p>Electronic components are housed inside a proprietary, waterproof electrical box.</p> <p>Maximum level of Energy saving thanks to an intelligent “on-demand” defrosting system.</p> <p>Self-contained versions with defrost condensate water evaporation tank.</p>

WALL CABINETS

RANGE	Neutral Heated Refrigerated
HEIGHTS	660 - 940 mm for ambient, heated and refrigerated units.
DEPTH	400 mm 450 mm (refrigerated units only)
REFERENCE NORMS	DIN 18865-9
HYGIENE STANDARDS	HS H2
VERSIONS	Sliding doors: ambient and heated Hinged doors: ambient, heated and refrigerated Pass-through units: ambient, heated and refrigerated Glass hinged doors: ambient and refrigerated
CONSTRUCTION	<p>Stainless Steel 304 (or 316 on specification) – Gauge 1.0 mm Load bearing mono-block construction with formed, vertical and horizontal reinforcement/stiffening channels to the rear of all faces. All visible faces have Scotch Brite finish. No rivets. Stainless steel machine screws only for removable components Reinforcing profile between internal and external sides of each unit. Internal/fully recessed doors and drawers fronts (perimeter frame). Chamber has no physical penetrations. All fixings inside the chamber are electro welded from inside (also for the HS standard). Option to seal cabinets/cupboards together via external joining panels that avoid a frontal joint between the modules. Middle shelves can be adjusted in three fixed positions, 100 mm apart, seated on pins electro welded to the sides of the chamber.</p> <p>MODULE TYPES: open, with hinged or sliding doors, single side or pass-through, ambient, heated or refrigerated. Locks available with individual keys and/or master key. Doubled base to units to house optional lightning kit. Custom-made frames to position the wall cabinets on the working top or to fix them to the ceiling.</p>