



Safety cabinet for gas cylinder storage h1043_46

Modular safety cabinet for gas cylinders in P02 steel gray RAL 7038, with fire-stop grids and reinforced galvanized bottom. Dimensions: 575 x 500 x H 1850 mm.

The **safety cabinet for gas cylinder storage** (model h1043_46) is a modular technical structure developed specifically for the protected containment of compressed gas containers in full compliance with industrial prevention protocols. Designed for integration in **production plants, analysis laboratories, mechanical workshops, technical areas, and supply depots**, this system is aimed at safety managers (RSPP) and plant managers who need to isolate containers from unauthorized access and environmental risks. The product solves the operational problem of the **danger of gas accumulation from accidental leaks and the vulnerability of locking systems to tampering**, thanks to calibrated ventilation with a fire-stop system and integral protection of the locking rods. Expertly constructed from robust 10/10 mm thick P02 carbon steel sheet, the cabinet is pre-treated with phospho-degreasing in high-temperature tunnels and finished with thermo-baked polyester outdoor painting at 180° in gray RAL 7038, ensuring suitability for current regulations on environmental protection and pollution prevention. The structure is supplied disassembled inside a robust custom-made packaging on a single pallet, accompanied by a assembly kit with an instruction manual for quick and guided assembly.

Technical characteristics

- **Overall external dimensions (LxPxH):** 575 x 500 x 1850 mm
- **Net structural weight:** 90 kg (KG. 90)
- **Structure construction material:** P02 carbon steel sheet with 10/10 mm thickness
- **Preliminary chemical treatment:** protective phospho-degreasing in high-temperature tunnels
- **Surface finish and painting:** specific polyester for outdoor exposure with baking in a thermal tunnel at 180°
- **Standard coloring:** gray RAL 7038
- **Front access configuration:** 1 small-sized blind door to promote perimeter air recirculation
- **Mechanical articulation components:** robust hinges made of 6 mm thick zamak
- **Internal loading base:** reinforced and galvanized steel bottom for correct vertical positioning of cylinders
- **Drum retention and stability systems:** internal chains for static fixing of containers completed by 4 chains and carabiner
- **Ventilation and safety devices:** 2 ventilation grids positioned on the sides and 1 grid installed on the roof
- **Integrated fire protection in grids:** fire-stop safety system calibrated to prevent the passage of external flames

- **Protection against electrostatic discharges:** grounding cable integrated into the structure
- **Floor unevenness compensation:** height-adjustable support feet at the base
- **Accident prevention geometry:** rounded edges to prevent accidental contact injuries
- **Main locking system:** ergonomic lock made of plastic and aluminum supplied with double key
- **Door locking mechanism:** vertical rod closure equipped with anti-tamper rod cover casing
- **Mandatory visual signaling:** safety labeling applied on the front according to the provisions of current regulations
- **Logistics delivery method:** cabinet supplied disassembled in robust custom-made packaging positioned on a single pallet
- **Installation support:** 1 assembly kit complete with detailed instruction manual contained in each package

* Images purely indicative

INFORMATION



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