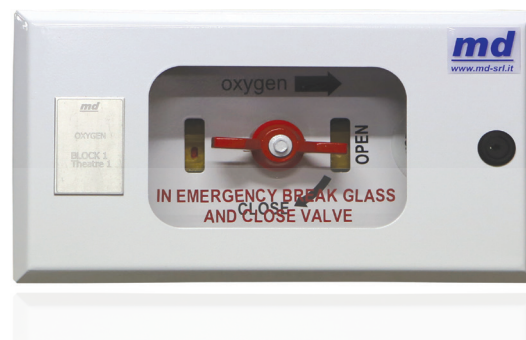




AVSU - Area Valve Service Unit

IDENTIFICATION

- ▶ HTM 02-01 Area Valve Service Unit (AVSU) for medical gas pipeline systems
- ▶ Available in dedicated box (surface mount) or in multi-gas cabinets with integrated alarm board
- ▶ Nickel plated brass ball valve with PTFE seats
- ▶ Includes upstream and downstream brass non-interchangeable NIST connectors with self sealing check valve
- ▶ Provision for pressure sensors for pipeline pressure monitoring
- ▶ Lockable door with breakable glass for emergency access to valve
- ▶ Delivered with pre-installed white "through" spades
- ▶ Includes red "blanking" spades used as a physical breakpoint for zone isolation
- ▶ Pressure gauge precision class and scale: 2,5 ; 0 ÷ 10 bar



CE MARKING

Notified body: 0426

Risk class II B CE marking as prescribed by Legislative Decree n. 46 of 24 February "Implementation of Directive 93/42/EEC concerning medical devices" and further modifications

REFERENCE STANDARDS

HTM 02-01: "Medical gas pipeline systems"

ISO 7396-1: "Medical gas pipeline systems - Part 1: Pipeline systems for compressed medical gases and vacuum"

ISO 15001: "Anaesthetic and respiratory equipment - Compatibility with oxygen"

* Validity of the standards is referred to the current year

- ▶ Gases: Oxygen, MA4, Nitrous Oxide, MA7, Vacuum
- ▶ Available sizes: 15 mm; 22 mm; 28 mm
- ▶ Valve materials: body in nickel plated brass, ball in stainless steel, seats in PTFE
- ▶ Fittings in brass, tee in bronze, NIST connector body in brass

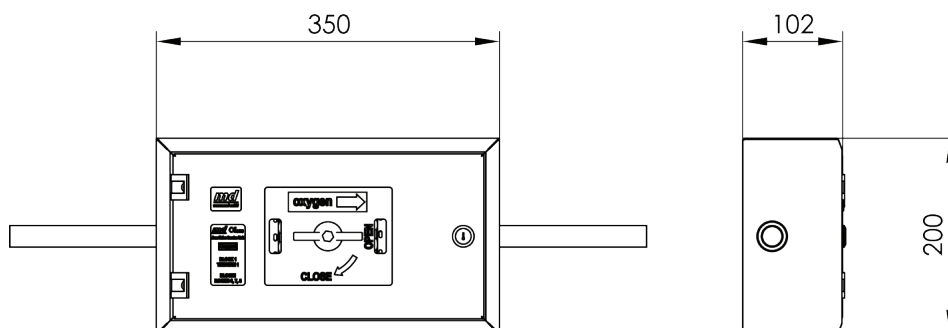
- ▶ Spades seals: NBR O-rings
- ▶ Boxes and cabinets in epoxy coated stainless steel sheet metal
- ▶ Provision for pressure sensor: G 1/8"
- ▶ Working temperature: +10 °C ÷ +40 °C
- ▶ Storage temperature: -20 °C ÷ +60 °C





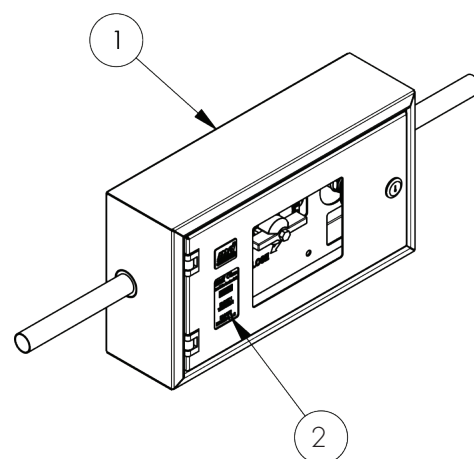
AVSU - Area Valve Service Unit

DIMENSIONS



KEY:

1. Single AVSU box, surface mount version
2. Label for indicating terminal units, rooms or zones controlled by the AVSU



ONE PLACE BOX AREA VALVE SERVICE UNIT

CODE	GAS TYPE	PIPE Ø
PF-6410-1LO2	Oxygen	15 mm
PF-6410-2LO2	Oxygen	22 mm
PF-6410-3LO2	Oxygen	28 mm
PF-6410-1LOV	Vacuum	15 mm
PF-6410-2LOV	Vacuum	22 mm
PF-6410-3LOV	Vacuum	28 mm
PF-6410-1LA8	Medical Air MA4	15 mm
PF-6410-2LA8	Medical Air MA4	22 mm
PF-6410-3LA8	Medical Air MA4	28 mm
PF-6410-1LNO	Nitrous Oxide	15 mm
PF-6410-2LNO	Nitrous Oxide	22 mm
PF-6410-3LNO	Nitrous Oxide	28 mm
PF-6410-1LA7	Air for Driving Surgical Tools MA7	15 mm
PF-6410-2LA7	Air for Driving Surgical Tools MA7	22 mm
PF-6410-3LA7	Air for Driving Surgical Tools MA7	28 mm

