



## IDENTIFICATION

- ▶ Area shut-off valve with physical disconnection for compressed medical gases
- ▶ Emergency supply inlet available in versions UNI 9507, AFNOR NF S 90-116, NIST
- ▶ Anodized aluminium body (compressed gas Area Shut-off valve)
- ▶ Provision for line pressure or vacuum gauge
- ▶ Facility to install pressure sensor for downstream pressure monitoring
- ▶ Provision for valve service status position sensor
- ▶ Pipes inlet and outlet from above with fitting for pipe welding
- ▶ Shut-off valves seal by means of PTFE seats
- ▶ Emergency supply point connection with check valve
- ▶ Identification of closing knobs by means of colour associated with distributed gas
- ▶ Laser engraved marking of production lot and product code



## CE MARKING

Notified body: CE 0426

Risk class II B CE marking according with Directive 93/42/EEC (Medical Devices)

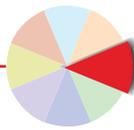
## REFERENCE STANDARDS

**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

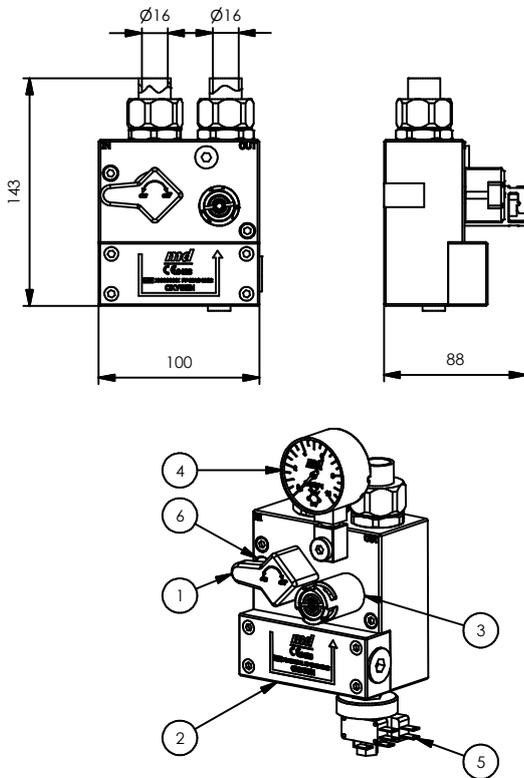




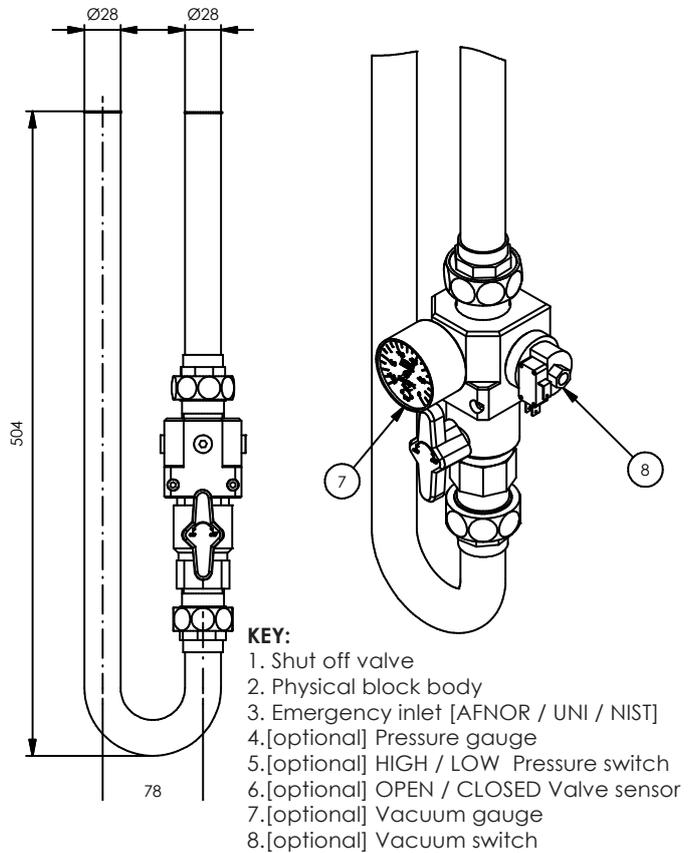
# Area shut-off valves

## DIMENSIONS

### AREA SHUT-OFF VALVE FOR COMPRESSED GASES



### AREA SHUT-OFF VALVE FOR VACUUM



**KEY:**

- 1. Shut off valve
- 2. Physical block body
- 3. Emergency inlet [AFNOR / UNI / NIST]
- 4.[optional] Pressure gauge
- 5.[optional] HIGH / LOW Pressure switch
- 6.[optional] OPEN / CLOSED Valve sensor
- 7.[optional] Vacuum gauge
- 8.[optional] Vacuum switch

- ▶ Gases: Vacuum, Oxygen, Medical Air, Nitrous Oxide, Carbon Dioxide, Instrument Air
- ▶ Storage temperature: -20 °C ÷ +60 °C
- ▶ Compressed gases inlet/outlet pipe diameter Ø = 16 x 1 mm
- ▶ Vacuum inlet/outlet pipe diameter Ø = 28 x 1 mm

- ▶ Working temperature: +10 °C ÷ +40 °C
- ▶ Provision for pressure switch connection G 1/8"
- ▶ Provision for pressure gauge connection G 1/8"
- ▶ Accuracy class of pressure gauges (optional) 2.5
- ▶ Weight of area valve service unit:  
code **PF-030S-000V** : 2.03 Kg  
code **PF-03xx-yyyy** : 2.07 Kg
- ▶ Packaging: box

GAS	CODES / EMERGENCY SUPPLY POINT			NOMINAL PRESSURE bar	OPTIONS		
	AFNOR	UNI 9507	NIST		GAUGE KIT*	PRESS. SWITCH**	VALVE KIT***
O <sub>2</sub>	PF-03AS-00O2	PF-03US-00O2	PF-03NS-00O2	4 <sup>+1.0</sup> / <sub>-0.0</sub>	KT-0315-0010	KT-2200-1000	PF-2500-3000
Air-400	PF-03AS-00AC	PF-03US-00AC	PF-03NS-00AC	4 <sup>+1.0</sup> / <sub>-0.0</sub>	KT-0315-0010	KT-2200-1000	PF-2500-3000
CO <sub>2</sub>	PF-03AS-0CO2	PF-03US-0CO2	PF-03NS-0CO2	4 <sup>+1.0</sup> / <sub>-0.0</sub>	KT-0315-0010	KT-2200-1000	PF-2500-3000
N <sub>2</sub> O	PF-03AS-0N2O	PF-03US-0N2O	PF-03NS-0N2O	4 <sup>+1.0</sup> / <sub>-0.0</sub>	KT-0315-0010	KT-2200-1000	PF-2500-3000
Air-800	PF-03AS-0AC8	PF-03US-0AC8	PF-03NS-0AC8	8 <sup>+2.0</sup> / <sub>-1.0</sub>	KT-0315-0016	KT-2200-2000	PF-2500-3000
Vac	PF-030S-000V			≤ 4	KT-15MF-A00V	KT-2200-000V	PF-2500-300V

\* Gauge scale: 0-10 bar for Compressed Gases; 0-16 bar for Instrument Air; 0- -1 bar for Vacuum.

\*\* Calibration pressure: 3,2 – 4,8 bar for Compressed Gases; 6,4 – 9,6 bar for Instrument Air; -0,34 bar for Vacuum.

\*\*\* Sensor for valve status monitoring (open/close)

