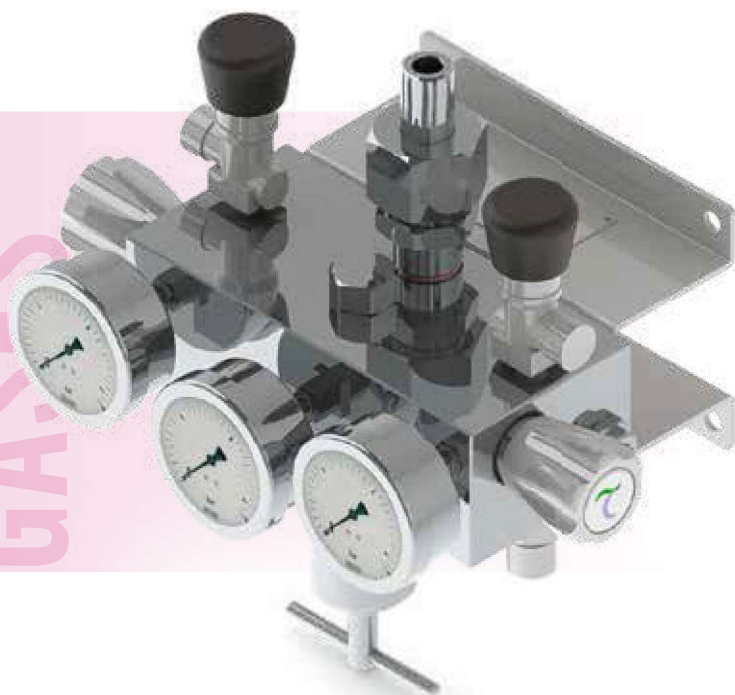


## DECOMPRESSION UNITS

INDUSTRIAL  
GASES



### SQD 117-118-119-120 | DECOMPRESSION UNIT FOR HIGH PRESSURE AND HIGH-FLOW, FOR NON-CORROSIVE GASES MODEL SQD

Single-stage, decompression unit for centralized, high-flow systems. Provided with two cylinder connections according to standard 2-UNI11144 or 1H-11144, each one completed with on/off valve and check-valve. Using high flow rates of CO<sub>2</sub> and gas mixtures, preheaters up-stream the unit, are recommended.

#### APPLICATIONS:

- 1st stage decompression unit
- welding and cutting machines
- heating and thermic processes
- general industrial purposes
- SQD00118 : for gas oxygen, nitrogen, argon, carbon dioxide, mix Ar/CO<sub>2</sub> - Pout: max. 15 bar
- SQD00117 : for gas oxygen, nitrogen, argon, carbon dioxide, mix Ar/CO<sub>2</sub> - Pout: max. 50 bar
- SQD00119 : for gas Hydrogen and flammable gases- Pout: max. 15 bar
- SQD00120 : for gas Hydrogen and flammable gases - Pout: max. 50 bar

#### FEATURES:

- Recommended for non-corrosive technical gases
- Wall mounting
- Ready to install wall mounting panel, modular design
- 2 inlet port configuration
- 1 outlet port configuration (from the button) - 3/8" GF
- Rubber diaphragm
- Maximum inlet pressure 400 bar (4.50psig);
- Tested for use with oxygen.

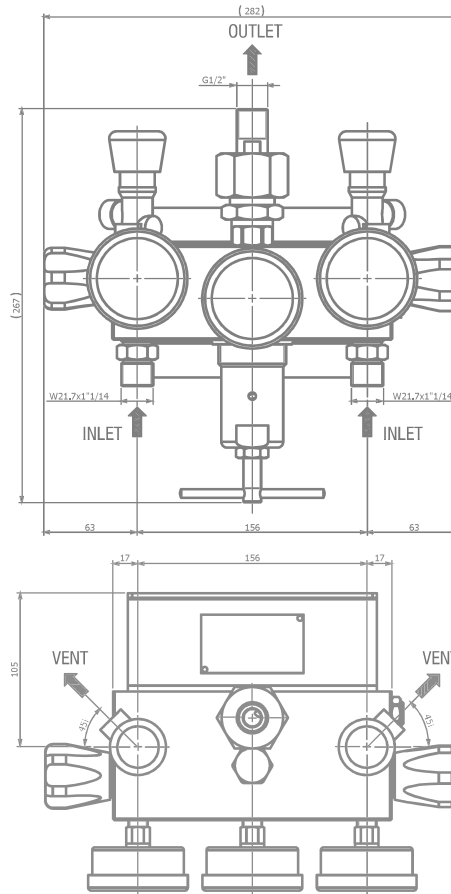
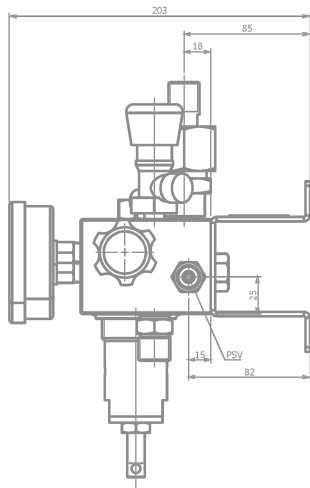
#### MATERIALS

<b>Body, bonnet</b>	Brass barstock
<b>Diaphragm</b>	EPDM - HNBR - FPM according to the operating gases
<b>Nozzle</b>	Ottone / Brass
<b>Seat</b>	PTFE FT10-02
<b>Adjusting Knob</b>	Ottone / Brass

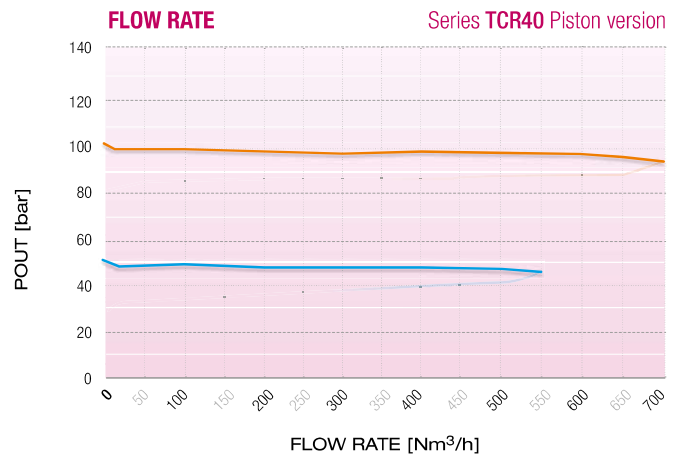
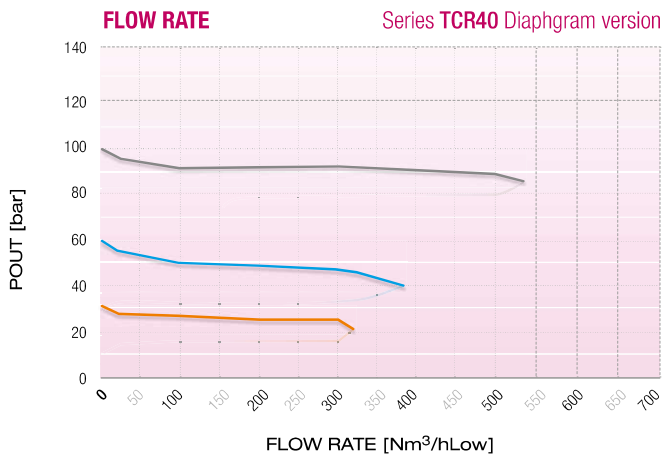
#### TECHNICAL DATA

<b>Type</b>	Single stage diaphragm or piston
<b>Purity</b>	technical gases
<b>Inlet pressure</b>	Max. 300 bar (4350 psi)
<b>Range pressure out diaphragm</b>	1,5-15 / 5-50 bar
<b>Flow capacity</b>	500Nm <sup>3</sup> /h -
<b>Oxygen use</b>	Suitable

# DECOMPRESSION UNITS



SPECIFICATION	For Oxygen and inert gases	For hydrogen and flammable gases
Inlet ports	Nr 2 2-UNI11144 for Oxygen and inert gases	Nr 2 1H-UNI11144 for Hydrogen and flammable gases
outlet ports		
Weight	13 kg	13 kg
Temperature range		



## NOTE

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