

SERIES CM 280 - CM 380 | SUPPLY BOARD

- Cartridge single stage
- Purity up to 6.0
- Inlet pressure:
200 bar (2900 psig)
or 300 bar (4350 psig)
- Outlet pressure:
10/16/35 bar
145/232/508 psig

- ★ Inlet/outlet pressure gauges
- ★ 1 relief valve
- ★ 1 purge outlet
(type 2 and 3)
- ★ O₂ compatible
(see technical data)
- ★ Regulator with
cartridge technology

Special requirements on request

APPLICATIONS

- Ideally suited for pure and corrosive gases for high purity applications dedicated to the supply of gas to analyzers and to the creation of controlled atmosphere in laboratories, control units, and for petrochemical applications where high flows are required
- Used in combination with a Switchover board for the regulation of the emergency source during maintenance on the principal source. This avoids installing some extension and reducing the amount of leaking points

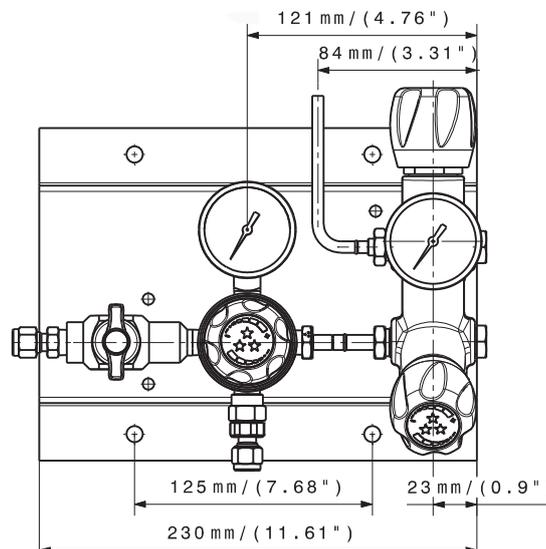
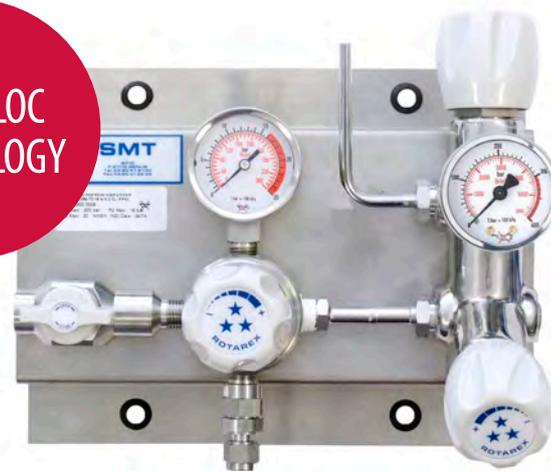
KEY FEATURES

- Ready to install with all components pre-mounted on a board.
- Best-in-class pressure stability with Cartridge Technology: the effect of inlet pressure fluctuations on outlet pressure are minimized. Cartridge Technology enables the delivery of a very stable outlet pressure and flow even with high flow line regulators.
- Cartridge technology increases regulator life and reduces ownership costs.
- Can be equipped with a collection tube on the relief valve and purge outlet.
- Can also be equipped with an outlet shut-off valve.
- The CM 280 – CM 380 can be connected to an alarm box using contact gauges.
- Can be equipped with diaphragm ¼ turn valve (CMC version) or with duobloc (CM version)

VERSION TYPE 3

Supply board with duobloc

DUO-BLOC
TECHNOLOGY



SPECIFICATIONS

Female ports	¼" NPT (Inlet/Outlet)	Weight	± 2,9 kg (CM-1) / 4,5 kg (CM-2) / 4,8 kg (CM-3) ± 6.3 lbs / 9.9 lbs / 10.5 lbs	Inlet pressure	200/300 bar 2900/4350 psig
Seat seal	PCTFE	Leak rate	10 ⁻⁸ mbar ℓ/s He	Outlet pressure	10/16/35/50 bar 145/232/507.5 psig
Seal material	PTFE	Temperature range	20°C to + 60°C 4°F to + 140°F	Nominal Flow CV	10/20/30 Nm ³ /h (N ₂) 0.1
Diaphragm	Hastelloy®	Gauges	High and low pressure (¼" NPT)	Oxygen use	Ok with Brass and Stainless Steel

PRODUCT CONFIGURATOR - WITH DUOBLOC

CM	Body Material		Inlet Pressure		Version type		Outlet Pressure		Inlet Connection		Outlet Connection		Gauges		Purge		Gas Type	
	L	I	280	380	Type 3	T3	10	16	35	50	N	N	6	N	1	2	0	CL
	Chrome plated brass	L	200 bar 2900 psig	280	Type 3	T3	10 bar 145 psig	10	¼ NPT	N	¼ NPT	N	1	With standard gauges	1	Without	0	N2
	Stainless Steel	I	300 bar 4350 psig	380			16 bar 232 psig	16					2	HP inductive contact gauge	2	With connected purge and relief valve*	CL	
							35 bar 507.5 psig	35										
							50 bar 725 psig	50										