



## SINGLE-STAGE DIAPHRAGM PRESSURE REGULATOR FOR HP & UHP APPLICATIONS

- Unique threadless design in all versions for a higher purity level
- Optimized supply pressure effect and excellent flow stability
- Life duration according to CGA E4
- Vacuum to 240 bar (3500 psi) inlet
- Assembling, testing & packaging in cleanroom: Class ISO 4
- Individual serial number for full traceability
- Electropolished surface per SEMI F19 UHP Grade
- 316L VAR® stainless steel double melt per SEMI F20 option available

# RX4000



# PRODUCT CONFIGURATOR

	Regulator type	Outlet pressure	Seat material	Cv value	Body material	Surface finish	Porting Configuration	Connections	Actuation type	Inlet pressure	Options												
RX	40	07	K	015	S	V	2W1	4F4F	M	240	HPG0												
	Free diaphragm	40	2 bar (29 psig)	02	PCTFE	K	0.15	015	Stainless Steel AISI 316L	S	Ra 0.4 μm (15 μin)	S	2 ports	2 W 1	¼" Female VCR	4F	Hand-wheel	M	21 bar (305 psig)	021	Hastelloy Trim	H	
			4 bar (58 psig)	04	Vespel	V	0.25	025	Stainless Steel AISI 316 AOD Var	V	Ra 0.25 μm EP (10 μin)	V	3 ports	3 W 4	¼" Male VCR	4M				117 bar (1,700 psig)	117	Gauge (bar/PSI)	P G 0
			7 bar (102 psig)	07	PVDF*	P	0.5	050		U	Ra 0.13 μm EP (5 μin)	U	4 ports	4 W 6	½" Female VCR	8F				207 bar (3,000 psig)	207	Gauge (MPa)	P G 1
			10 bar (145 psig)	10	PTFE*	T	0.9	090							½" Male VCR	8M				240 bar (3,500 psig)	240		
							1.1	110															

\* PTFE and PVDF seat are only available with 21 bar inlet pressure

<b>Flow capacity (Cv)</b>	0.15	0.25	0.5	0.9	1.1
<b>Supply pressure effect I*</b>	0.25	0.5	1.4	3	4

\*1 bar / 100 bar inlet pressure change



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