Product Selection Guide

Select diaphragm regulators when the outlet pressure < 500 psig.
Select piston regulators when the outlet pressure ⩾ 500 psig.
Dual-stage diaphragm regulators are recommended when the inlet pressure fluctuates frequently but no outlet pressure variation is desired.

Type	Series	Sensing Mechanism	Maximum Inlet Pressure psig	Outlet Pressure Range psig	Captured Vent Port	Flow Rate Cv
General Diaphragm Regulators	RDGC	Diaphragm	4500	0~500	Yes	0.2 (Inlet pressure 500, 1500) 0.09 (Inlet pressure 3500, 4500)
General Tied-Diaphragm Regulators	RTGC	Diaphragm	3500	0~150	Yes	0.06 (Inlet pressure 3500) 0.15 (Inlet pressure 600, 1000)
Miniature Diaphragm Regulators	RDCC	Diaphragm	150	0~100	No	0.08
Miniature Tied Diaphragm Regulators	RTCC	Diaphragm	150	0~100	No	0.08
Two-Stage Diaphragm Regulators	RDDC	Diaphragm	4500	0~250	Yes	0.06
Sensitive Diaphragm Regulators	RDSC	Diaphragm	4500	0~200	Yes	0.06
Medium Flow Diaphragm Regulators	RDGH	Diaphragm	3000	0~200	Yes	1.0
High Flow Diaphragm Regulators	RDGN	Diaphragm	500	0~150	Yes	1.8
Steam Heated Regulators	RDVC	Diaphragm	3600	0~500	No	0.06
General Piston Regulators	RPGC	Piston	6000	0~2500	Yes	0.06 0.1 (Vent)
Compact Piston Regulators	RPCC	Piston	6000	0~1800	No	0.06
High Pressure Piston Regulators	RPGX	Piston	10000	10~10000	No	0.06
High Flow Piston Regulators	RPGN	Piston	4500	0~1500	No	2.0
Back Pressure Regulators	BDGC	Diaphragm	250	0~250	No	0.3
	BPGC	Piston	1000	10~1000	Yes	0.3
	BPGX	Piston	10000	5~10000	No	0.25
Pressure Control Panels①	FSR-1	Diaphragm	4500	0~500	No	0.06
	FSR-2	Piston	4500	0~2500	Yes	0.06 0.1 (Vent)
Changeover Systems①	FDR-1	Diaphragm	4500	0~500	No	0.06
	FDR-2	Piston	4500	0~2500	Yes	0.06 0.1 (Vent)
	CEPR	Diaphragm	3000	85~265	No	0.06
	FDR-1L	Diaphragm	4500	85~265	No	0.06
	DPPR	Diaphragm	3000	0~150	No	0.06
	FDR-1T	Diaphragm	4500	0~150	No	0.06
Point-of-Use Panels①	FPR-1	Diaphragm	1500	0~500	No	0.14
	FPR-1S	Diaphragm	1500	0~200	Yes	0.06

Notes:
① Sensing mechanism of pressure control panels, changeover systems and point-of-use panels refers to the sensing mechanism of the pressure regulator.