

4200 PUREPRESSURE TEFLON REGULATOR

NORMALLY CLOSED DOME-LOADED MODEL

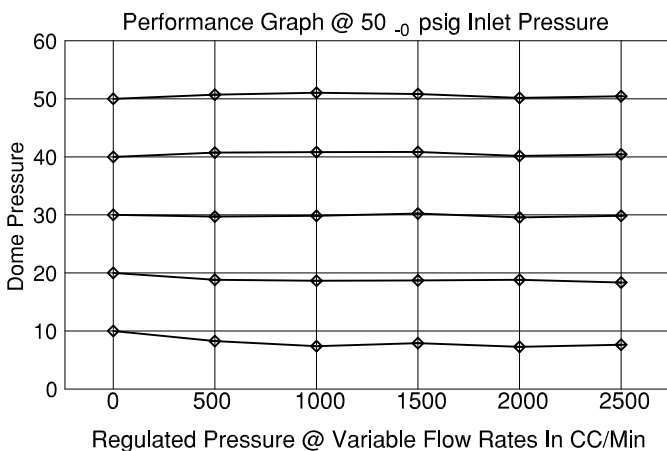
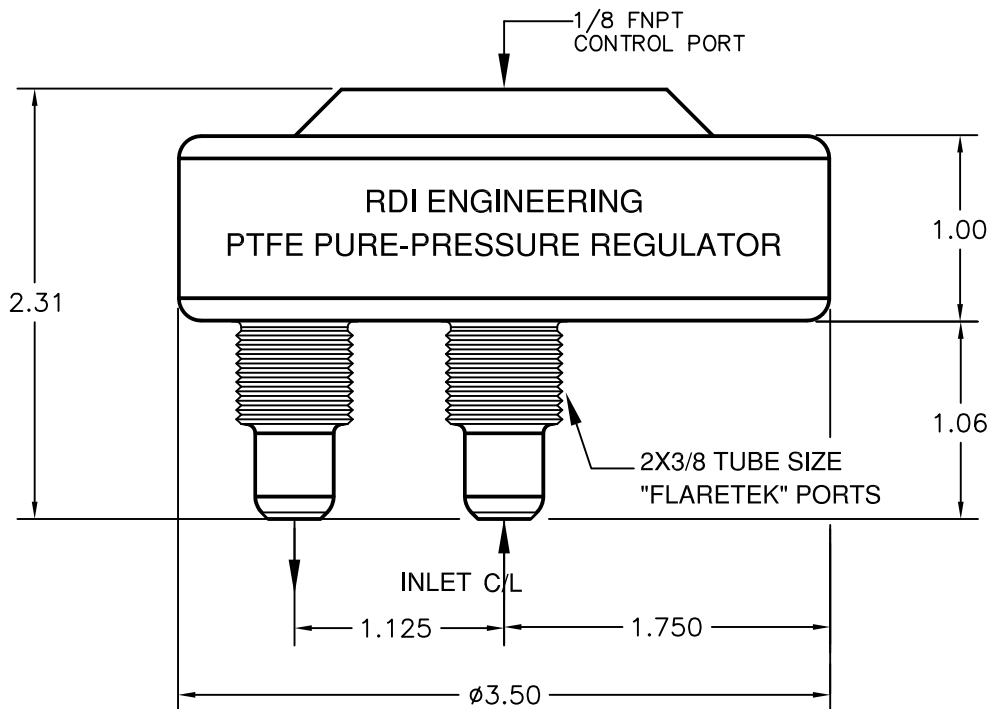
REDUCES THE INLET PRESSURE IN PROPORTION TO PRESSURE APPLIED TO THE CONTROL PORT

SPECIFICATIONS:

- 1: ALL WETTED AND EXTERIOR SURFACES PTFE (TFM OR PFA, OPTIONAL)
- 2: FOR PERFORMANCE DATA, SEE PRESSURE REGULATION VS. FLOWRATE CHARTS BELOW
- 3: MAXIMUM INLET PRESSURE: 60 PSIG @ -40°F TO +140 °F
- 4: OUTLET PRESSURE REGULATION: 5-50 PSIG @ -40°F TO +140°F
- 5: OPERATION:
 - 5.1 AT NO REF. CONTROL PRESSURE, VALVE IS NORMALLY CLOSED, REGULATION STARTS AT 5 PSIG TO 50 PSIG.
- 6: GREEN FEATURE: SAVES PROCESS FLUID BY PREVENTING TANK DRAIN
 - 6.1 VALVE CLOSURES AT OVER CONTROL PRESSURE:
VALVE CLOSURES WHEN THE SUPPLY PRESSURE FALLS BELOW CONTROL PRESSURE.
THIS WILL PREVENT THE SUPPLY SOURCE FROM BLEEDING THAT WILL DRAIN THE TANK AT LOW PRESSURE.

AREAS OF APPLICATION:

IDEAL FOR USE IN THE SEMICONDUCTOR, CHEMICAL, PHARMACEUTICAL, AND BEVERAGE INDUSTRIES WHERE MAINTAINING HIGH PURITY OF THE PROCESSED FLUID IS ESSENTIAL.



Performance Data @ 50 \pm 0 psig Inlet Pressure

Inlet Pressure -0 +5 Psig	Dome Pressure Psig	Outlet Pressure In psig @ Various Flow Rates				
		500 CC/M	1000 CC/M	1500 CC/M	2000 CC/M	2500 CC/M
50	10	8.12	7.46	8.02	7.36	7.44
50	20	19.14	18.87	18.94	18.58	18.29
50	30	29.92	29.78	30.34	29.46	29.88
50	40	41.78	41.02	40.92	40.76	40.68
50	50	50.84	51.76	50.24	50.78	48.94

Regulated Pressure @ Variable Flow Rates In CC/Min

FOR MORE INFORMATION CONTACT US @:

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