



**Product Numbers:
F7130002011 &
F7130003003**

F7130 Brass Single-Stage Model

Description:

The F7130 series brass, single-stage, high-purity regulators are recommended for non-corrosive analytical and process applications where precise flow control is not critical. A specially designed, convoluted, stainless steel diaphragm provides good regulating performance and maximum purity integrity without the need for a soft seal, which often can be a source of contamination. Each regulator is capable of withstanding an internal purging and is provided with a diffusion-resistant, diaphragm packless outlet valve to maintain system purity. The optional bonnet vent adaptor allows for the venting of hazardous gases in the event of diaphragm failure.

Features:

- **Convoluted Stainless Steel Diaphragms**
Provides superior leak integrity
- **Bonnet Vent Ports**
Permits venting of hazardous gases
- **Standard Threaded Bonnet**
Permits panel mounting.
- **Diaphragm Packless Valve**
Promotes system purity.

(continued)

High-Purity Pressure Regulators (continued)

F7130 Series Specifications

Maximum Rated Inlet Pressure	3,500 PSIG
Outlet Pressure Ranges	0-25, 0-50, 0-100, 0-250, 0-500 PSIG
Flow Capacity	Cv=0.06
Ambient Operating Temperature	-40° F to +165° F
Designed Leak Rate	2 x 10 ⁻⁸ ccs (helium)
Weight	3 lbs
Ports (4)	1/4" FNPT
Inlet	1/4" FNPT
Outlet	1/4" Swagelok®
Decay Inlet Characteristic	1.78/100 PSI

Materials

Body	Brass
Bonnet	Brass
Seat	Teflon
Diaphragm	316 Stainless Steel
Gauges	2" Brass
Filter	316 Stainless Steel
Outlet Valve	Brass
Trim	Brass

Ordering Information

Product Number	Material	Max Inlet Press. (PSIG)	Max Outlet Press. (PSIG)	Capacity (scfh @ Max Del. Press.)	Inlet Gauge Range (PSIG)	Delivery Gauge Range (PSIG)	Inlet
F7130002011	Brass	3,000	50	1,250	0-4,000	30"-0-60	350
F7130003003	Brass	3,000	100	1,750	0-4,000	30"-0-200	580

Note: Refer to flow curve chart 4422curv3000 in Technical Data Section