

## HPI 100PB

### High purity generator back-up panel

Model HPI 100PB provides a continuous backup supply of gas in case of generator failure or loss of power. The system automatically switches to a backup cylinder of gas when the generator supply pressure drops below a preset value. The process will automatically reverse when the gas supplied by the generator returns to a normal level.

#### APPLICATIONS:

- Back-up for gas generator
- Laboratory pressure control
- Research sample systems gases

#### FEATURES:

- Ready to install wall mounting panel
- Wall mounting panel and brackets included
- Includes 1000 mm flexible pigtail
- 1/4 turn isolation shut off valves included
- 1/4" FNPT outlet connection
- 1/4" FNPT inlet connection with reverse flow check valve
- Inlet / outlet tube fittings on request
- Maximum inlet pressure 300 bar (4350 psig)
- Available for air, nitrogen or hydrogen gas service

#### TECHNICAL DATA:

Regulator type	Single stage
Purity	Up to 6.0
Inlet pressure	Max. 300 bar (4350 psi)
Outlet pressure	10 bar (145 psi)
Flow capacity	Cv = 0,08
Purge function	Yes
Oxygen use	Suitable

#### MATERIALS:

Body, bonnet	Chrome plated brass barstock
Diaphragm (regulator)	Hastelloy®*C276
Diaphragm (valve)	Elgiloy®**
Nozzle	316L stainless steel
Seat	PEEK
Seals O-ring	Viton®*** (FKM)
Filter	SS 316L
Adjusting Knob	ABS plastic



Model shown with additional accessories to be ordered separately

\* Hastelloy® is a registered trademark name of Haynes International, Inc

\*\*Elgiloy® a registered trademark of Elgiloy Specialty Metals

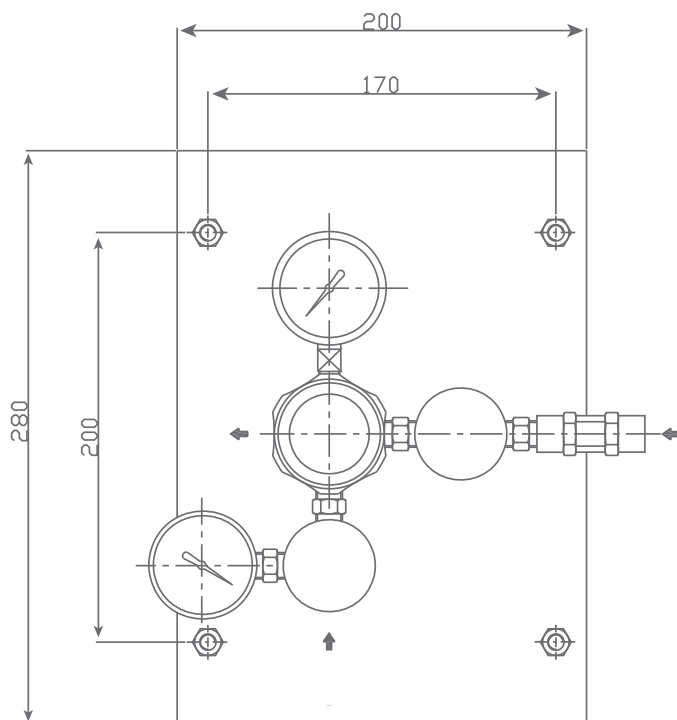
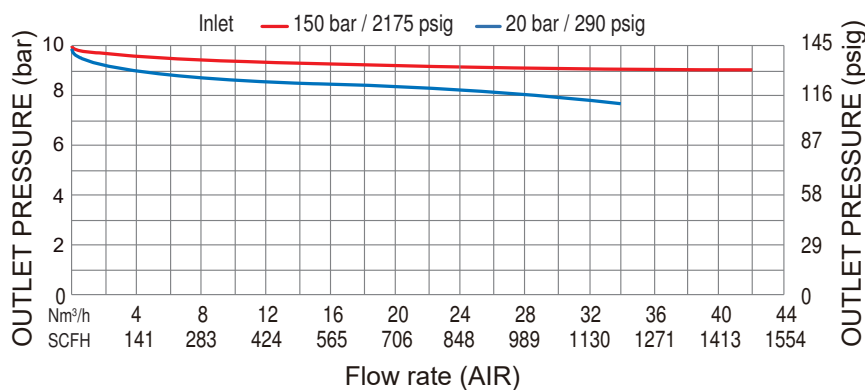
\*\*\* Viton® is a registered trademark of The Chemours Company

## SPECIFICATIONS:

Inlet / outlet ports	1/4" FNPT
Weight	2,5 kg
Temperature range	-30°C to +74°C

## FLOW CHART:

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## ORDERING INFORMATION:

MODEL	MATERIAL	OUTLET PRESSURE	GAS TYPE
HPI 100PB	Chrome plated brass	0 - 10 bar 0 - 145 psig	145 Please specify

For example:

HPI 100PB 145 Air