

GAS SUPPLY PANELS

LHPI 100PB

HIGH PURITY GENERATOR BACK-UP PANEL

PURE GASES



The LHPI 100 PB Model 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

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
Adjust. Knob	ABS plastic

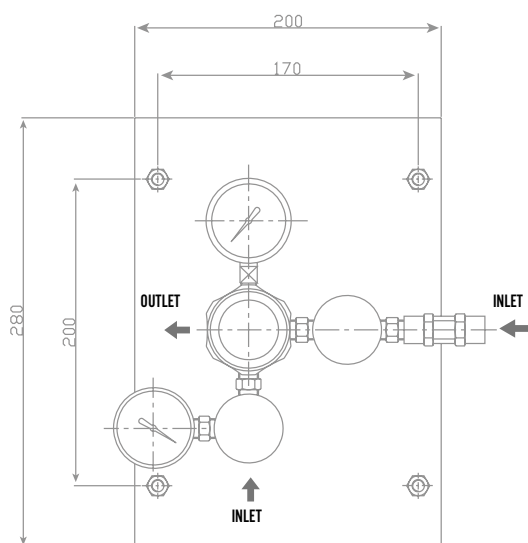
* Hastelloy® is a registered trademark name of Haynes International, Inc

** Elgiloy® a registered trademark of Elgiloy Specialty Metals

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

TECHNICAL DATA

Panel type	LHPI 100L Single stage
Purity	Up to 6.0
Inlet pressure	Max. 40 bar (4350 psi)
Outlet pressure	10 bar (145 psi)
Flow capacity	Cv = 0,08
Purge function	Yes
Oxygen use	Suitable



SPECIFICATIONS

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

