

GAS SUPPLY PANELS

LHPI 600P

HIGH PURITY AND HIGH FLOW SEMI-AUTOMATIC SWITCHOVER SUPPLY PANEL

The LHPI 600P is a high flow semi-automatic high purity switchover that prevents downtime by automatically switching the gas supply panel from the primary cylinder bank to the reserve cylinder bank. The primary bank can be resetted by turning the knob. The outlet pressure is factory pre-set.

APPLICATIONS:

- Laboratory pressure control;
- Research sample systems gases;
- Component testing;
- Petrochemical industry;
- Emission monitoring systems;
- Controlled atmosphere;
- Service & test equipment.

FEATURES:

- Recommended for non-corrosive gases purity levels up to grade 6.0 (99.9999);
- Wall mounting panel and brackets included;
- Ready to install wall mounting panel;
- Metal steel diaphragm eliminates contamination from diffusion or outgassing;
- Purge function and diaphragm shut-off valves for the best results;
- Possible to connect 2 gas cylinders or gas cylinder and a gas for purging operation;
- LHPI 600PC - chrome plated body, bonnet and fittings;
- LHPI 600PS - 316L stainless steel body, bonnet and fittings;
- 1x10⁻⁹ mbar l/s He inboard helium leak rate to maintain gas purity levels;
- Inlet / outlet - 1/4" FNPT;
- Maximum inlet pressure 300 bar (4350 psig);
- Tested for use with oxygen.

PURE
GASES



MATERIALS

Body, bonnet	316L stainless steel barstock LHPI 600PS or chrome plated brass barstock LHPI 600PC
Diaphragm (regulator)	Hastelloy® * C276
Diaphragm (valve)	Elgiloy®**
Nozzle	316L stainless steel
Seat	PEEK
Seals O-ring	Viton® *** (FKM)
Filter	SS 316L
Adjust. Knob	Aluminium

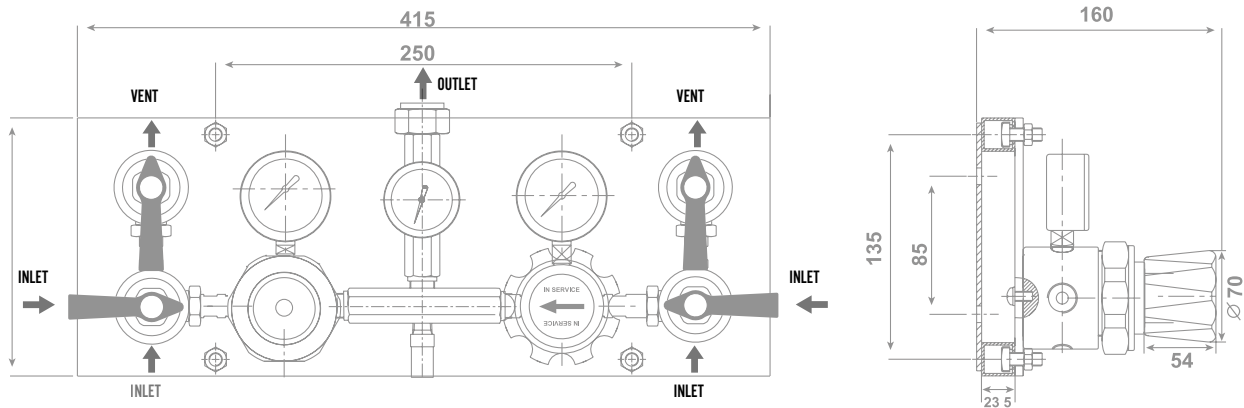
* Hastelloy® is a registered trademark name of Haynes International, Inc

** Elgiloy® a registered trademark of Elgiloy Specialty Metals

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

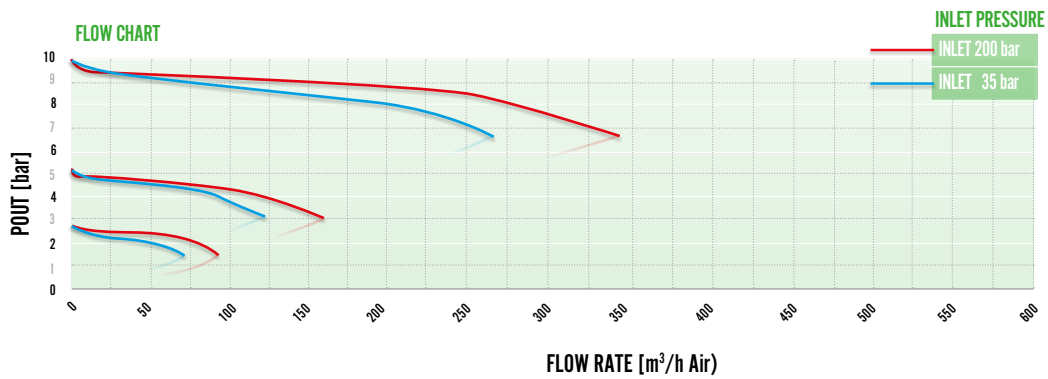
TECHNICAL DATA

Panel type	Semi-automatic switchover supply panel
Regulator type	Single stage
Purity	Up to 6.0
Inlet pressure	Max. 300 bar (4350 psi)
Outlet pressure	2/4/10/20 bar (29/58/145/290 psi)
Purge function	Yes
Oxygen use	Suitable



SPECIFICATIONS

Inlet / outlet ports	1/4" NPT-F - 1/2" NPT-F
Weight	6,8 kg
Temperature range	-30°C to +74°C



RELATED OPTIONS

- HAS - 2 - two connection
- 4 - two connection
- 6 - two connection

EXTENSIONS

