

GAS SUPPLY PANELS

LHPI 300P | HIGH PURITY SEMI-AUTOMATIC SWITCHOVER SUPPLY PANEL

The HPI 300P is a semi-automatic high purity switchover prevents downtime by automatically switching gas supply panel from the primary cylinder bank to the reserve cylinder bank. The user resets the primary bank by turning the knob. 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;
- HPI 300PC - chrome plated body, bonnet and fittings;
- HPI 300PS - 316L stainless steel body, bonnet and fittings;
- 1×10^{-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);
- External relief valve standard;
- Tested for use with oxygen.

MATERIALS

Body, bonnet	316L stainless steel barstock LHPI 300PS or chrome plated brass barstock LHPI 300PC
Diaphragm (regulator)	Hastelloy® * C276
Diaphragm (valve)	Elgiloy®**
Nozzle	316L stainless steel
Seat	PEEK
Seals O-ring	Viton®*** (FKM)
Filter	SS 316L
Adjusting Knob	Aluminium

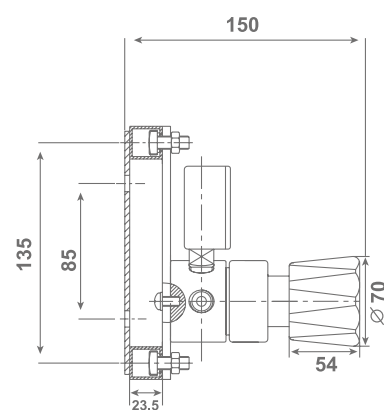
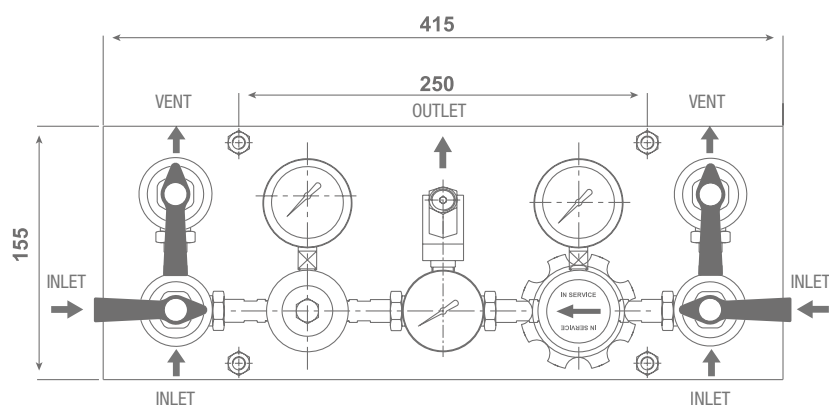
* Hastelloy® is a registered trademark name of Haynes International, Inc

** Elgiloy® a registered trademark of Elgiloy Specialty Metals

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

TECHNICAL DATA

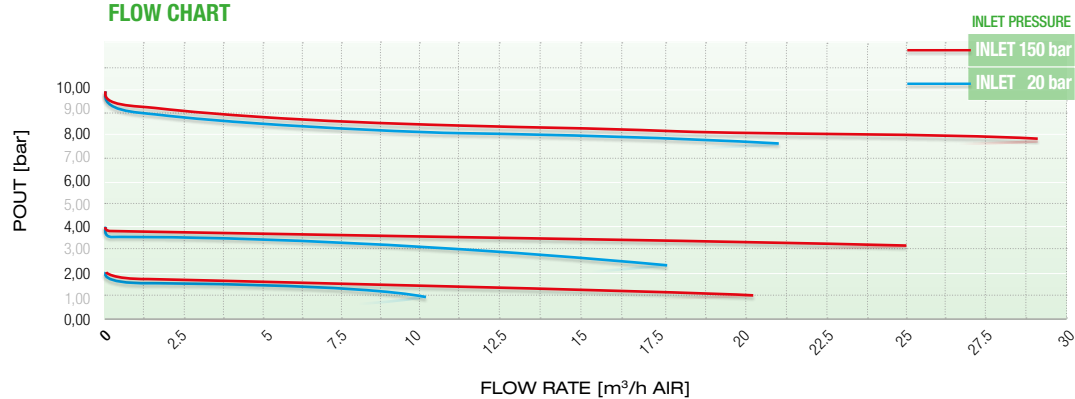
Panel type	Manual switchover supply panel
Regulator type	Single stage
Purity	Up to 6.0
Inlet pressure	Max. 300 bar (4350 psi)
Outlet pressure	2/4/10/20 bar (29/58/145/290 psi)
Purge function	Yes
Oxygen use	Suitable



SPECIFICATION

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

FLOW CHART

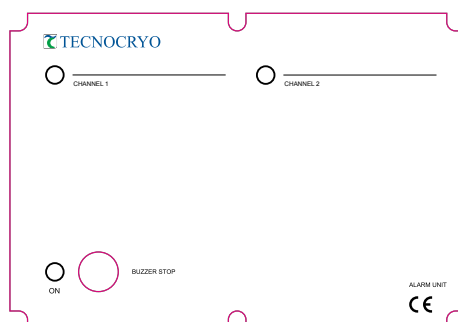


RELATED OPTIONS

HAS - 2 - two connection

- 4 - two connection

- 6 - two connection



EXTENSIONS



NOTE