POINT OF USE SYSTEMS



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

^{*} Hastelloy® is a registered trademark name of Haynes International, Inc ** Viton® is a registered trademark of The Chemours Company

LHPI 100TP | HIGH PURITY - WALL MOUNTED POINT OF USE

Model HPI 100TP is a wall mounted point of use regulator available in chrome plated brass (HPI 100TPC) or stainless steel (HPI 100TPS) barstock for pressure control of non-corrosive gases.

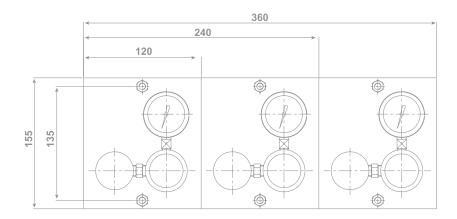
APPLICATIONS:

- High purity gas applications;
- Research sample systems gases;
- Gas chromatography;
- Calibration gas;
- Process analyzer gases.

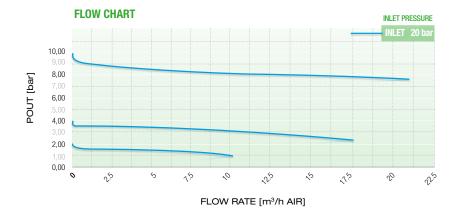
FEATURES:

- 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, modular design;
- Based on HCI 100L regulator;
- 3 inlet port available configuration top is standard;
- 316L stainless steel diaphragm eliminates contamination from diffusion or outgassing;
- Diaphragm inlet shut-off valves;
- Modular design;
- HPI 100TPC chrome plated body, bonnet and fittings;
- HPI 100TPS 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 40 bar (580 psig);
- Tested for use with oxygen.

TECHNICAL DATA		
Regulator type	HCl 100L single stage	2008
Purity	Up to 6.0	
Inlet pressure	Max. 40 bar (580 psi)	
Outlet pressure	2/4/10 bar (29/58/145 psi) 20 bar (290 psi)	
Flow capacity	$C_V = 0.07$	HEEF
Oxygen use	Suitable	



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



NOTE