



# SPEC MASTER HPD6200 SERIES

6.0 Purity Two Stage Nickel Plated Brass Barstock Piston Differential Autochange Gas Control Panel

The Spec Master HPD6200 series two stage differential autochange control panels are designed for primary pressure gas control of non-corrosive or toxic, high purity gases up to grade 6.0 purity (99.9999%), on gas distribution systems where constant delivery pressure is required.

- **HPD6241 Series** | Two Stage Twin Cylinder Piston Differential Autochange Gas Control Panel, FKM Seal
- **HPD6242 Series** | Two Stage Twin Cylinder Piston Differential Autochange Gas Control Panel, EPDM Seal

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#### **FEATURES**

High pressure isolation valves

High pressure purge facility

Two stage pressure regulation

Process line isolation valve

Encapsulated seat design

Twin cylinder configuration



### **MATERIALS**

Body	Nickel Plated Brass Barstock				
Bonnet	Nickel Plated Brass Barstock				
Piston	Brass				
Seal	FKM / EPDM				
Seat	PCTFE				
Filter	10 Micron 316L Stainless Steel				

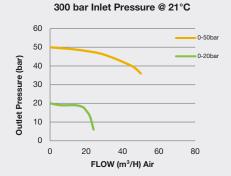
<sup>\*</sup> Subject to cylinder connection. \*\*\*\* Subject to final configuration.

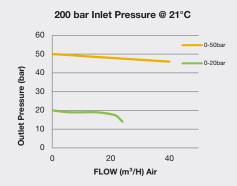
## **SPECIFICATION**

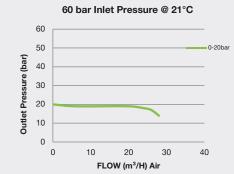
60 bar (870 PSI) / 300 bar (4350 PSI)*
20 bar (300 PSI) / 50 bar (725 PSI)
50mm (2") Diameter
1/4" NPT Female
-20° C to +60° C (-4° F to +140° F)
0.078
1x10 <sup>9</sup> mbar l/s
8.00kg (17.64 lbs)****



#### **FLOW PERFORMANCE**

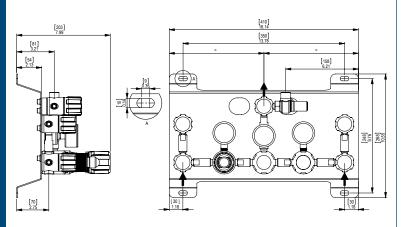


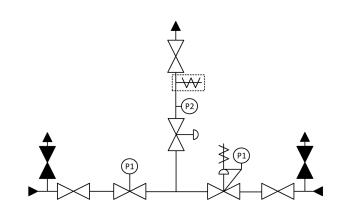






# **PROCESS & INSTRUMENTATION**





- Isolation Valve



- Isolation Valve (Closed )



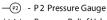
- Fixed Pressure Regulator with P1 Pressure Gauge



Adjustable Pressure Regulator with P 1 Pressure Gauge



Adjustable Pressure Regulator with Pressure Relief Valve



- Pressure Relief Valve

- Denotes a Configurable Option

Model No. Selector Guide									
Product Type	Inlet Pressure	Outlet Pressure	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options		
HPD6241	<b>02</b> 60 bar / 870 PSI	<b>07</b> -1 - 20 bar / 300 PSIG	00 No Gauge Fitted	00 No Gauge Fitted	000 No Inlet Fitted	00 No Outlet Fitted	A No Options Selected		
HPD6242	<b>04</b> 300 bar / 4350 PSI	<b>10</b> -1 - 50 bar / 725 PSIG	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	<b>F</b> Bonnet Vent Capture Kit		
		<b>11</b> 0 - 100 bar / 1450 PSI	02 bar/PSI Contact Gauge		002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	G Helium Test Certificate		
					003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	K Certificate of Conformity		
					<b>004</b> 1/4 NPT Male	<b>04</b> 1/4 NPT Male	M CO2 Burst Disc		
					007 G3/8 BSP R/H Brass Male	07 G3/8 BSP R/H Brass Male	P Calibration / Pressure Test Certificate		
					008 G3/8 BSP L/H Brass Male	08 G3/8 BSP L/H Brass Male	R Fitted Pipeline Pressure Relief Valve, FKM Seal		
							S Fitted Pipeline Pressure Relief Valve, EPDM Seal		
							X Special Instruction		