Double Inlet Manual change over panel | DPA - 1100 Series

Product Features

- Pressure control panel with manual change over function
- Brass chrome plated body for inert, reactive, flammable and oxidizing gas and mixtures up to grade 6.0
- Stainless steel 316 body for corrosive gases
- Modular design - for more information refer to ordering information
- Diaphragm type shut-off valves
- Suitable for inlet pressure up to 300 bar
- Easy installation in systems and in safety cabinet thanks to 2-piece SS plate
- Components tested for use with oxygen CGA E-4. Oxygen shock tested
- In accordance with applicable standards such as EN ISO 2503 and DIN EN 837-1

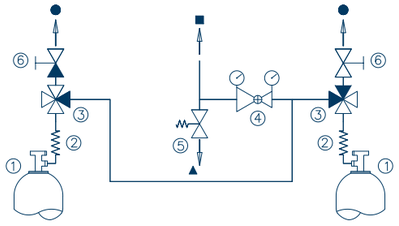


Technical Data

Type:	Single-stage
Inlet pressure P1:	max. 300 bar
Outlet pressure P2:	15/20/50/100/200 bar
Materials:	Body regulator see ordering info
Valve seat (regulator): (shut-off valve):	PCTFE PCTFE
Diaphragm (regulator): (valve):	Hastelloy® C276 Elgiloy®
O-ring: (option)	Viton® (FKM) Kalrez® (FFKM)
Filter:	SS 316
Inlet connection:	1/4" NPT(F)
Outlet connection:	1/4" NPT(F)
Temperature range:	-30 °C to +74 °C
Leak rate (to atmosphere): (via seat):	$1x10^{-8}$ mbar l/s He $1x10^{-6}$ mbar l/s He
Weight:	4.5kg

Schematic Drawing

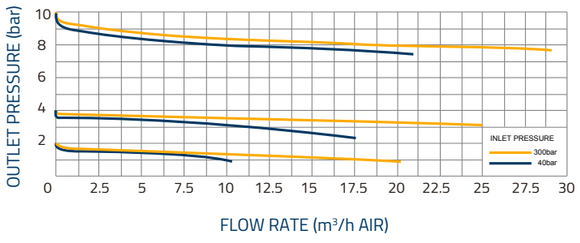
1 Gas Cylinder
2 Coil/Hose
3 Shut Off Valve
4 Pressure Regulator
5 Relief Valve
6 Purge Outlet Valve
● Purge Outlet
■ Process Outlet
▲ Relief Valve Outlet

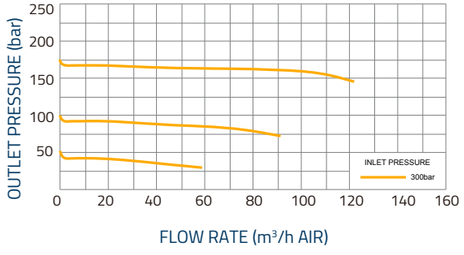


Typical Applications

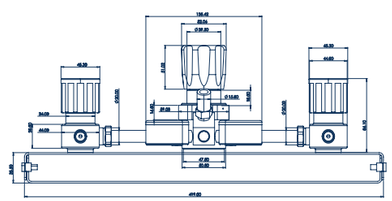
- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- High Pressure Sampling Systems
- Service & Test Equipment
- Analytical instrumentation
- Semi-conductor and high-purity gas systems

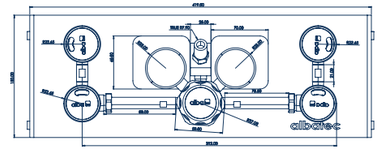
Flow Chart

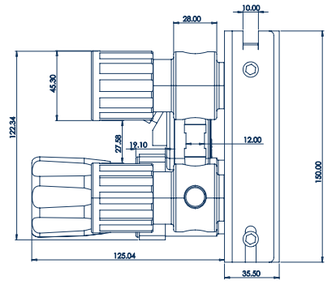




Dimensions (mm)







All dimensions are provided for reference only. Actual product specifications may vary.
Albatec assumes no responsibility for any discrepancies.

Ordering Information

DPA - 1120 - BP - E15 - CF4 - F14 - KGE - N2

Inlet Option	
0	-Without
2	-Inlet Shut-off Valve
4	-Internal Purging
6	-External Purging

Outlet Option	
0	-Without
2	-Outlet Shut-off Valve
4	-Outlet Regulating Valve

Material	
BP	-Brass Nickel-Chrome Plated
SS	-SS316

Inlet Pressure	
B	-40 bar
D	-100 bar
E	-200 bar
F	-300 bar

Outlet Pressure	
15	-15 bar
20	-20 bar
50	-50 bar
100	-100 bar
200	-200 bar

Inlet Connection	
F14	-FNPT 1/4"
CF2	-Compression Fitting 1/8"
CF4	-Compression Fitting 1/4"
CF6	-Compression Fitting 3/8"
CF8	-Compression Fitting 1/2"
CF3M	-Compression Fitting 3mm
CF6M	-Compression Fitting 6mm
CF8M	-Compression Fitting 8mm
CF10M	-Compression Fitting 10mm
CF12M	-Compression Fitting 12mm

Outlet Connection	
F14	-FNPT 1/4"
CF2	-Compression Fitting 1/8"
CF4	-Compression Fitting 1/4"
CF6	-Compression Fitting 3/8"
CF8	-Compression Fitting 1/2"
CF3M	-Compression Fitting 3mm
CF6M	-Compression Fitting 6mm
CF8M	-Compression Fitting 8mm
CF10M	-Compression Fitting 10mm
CF12M	-Compression Fitting 12mm

Extra Options	
-	-Without
KGE	-Inlet Contact gauge
KGA	-Outlet Contact gauge
PGE	-Inlet Pressure Transmitter
PGA	-Outlet Pressure Transmitter

Gas
N_2
Ar
He
H_2
O_2
Air
N_2O
CO_2

Example: **DPA - 1140 - SS - E20 - CF6 - F14 - N_2**

Dual Inlet Manual change over panel DPA 1100 series
Pressure Reducing Stages: Single Stage
Inlet Option: Internal Purging
Outlet Option: without
Material: SS316
Inlet Pressure: 200 bar
Outlet Pressure: 20 bar
Inlet Connection: Compression Fitting 3/8"
Outlet Connection: FNPT 1/4"
Extra Option: without
Gas: N2

Notes

- As standard, the product is supplied with 1x gas regulator, diaphragm shut-off valve/s (as per the ordered configuration), 2-piece SS plate, 2x inlet plugs, inlet gauge, outlet gauge, Relief valve, user manual
- For special configurations or custom-made products, please contact Albatec.

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