Réf. 242+

INDUSTRIAL GAS EQUIPMENT

CAHOUET

CE
ISO 9001

PIPELINE EQUIPMENT

MANIFOLDS

The **Cahouet** automatic switchover manifold secures a highly reliable uninterrupted gas supply.
Changeover to reserve bank is fully automatic.
Simply reset cylinder / bundle bank priority by **manual lever operation** after replacement of the empty pack.

Perfect outlet pressure stability is guaranteed with our high quality BP line regulator. Manifold fitted with safety relief valve and purge valve.

IMPORTANT: "No down-time maintenance manifold" equipped with check-valves on each bank. Maintenance of one regulator is possible while the second regulator is still working.

GASES

Non corrosive gases including O_2 - C_2H_2 - NH_3 - propane, LAR, LIN, LOX...

INLET PRESSURE

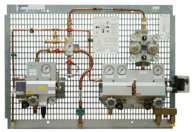
For non corrosive gases and O_2:
200 or 300 bar (acc. to manifold)
Acetylene: 20 bar
Ammonia: 10 bar
Propane: 8 bar
Cryogenic gases : 10 bar

OUTLET PRESSURE

For non corrosive gases and O_2:
from **0 to 70 bar** (acc. to manifold)
Acetylene: from 0.2 to 0.9 bar
Ammonia: from 0.2 to 1 bar
Propane: from 0.5 to 2 bar
Cryogenic gases: from 1 to 6.5 bar

WALL PANELS

Acc. to customer specification



PIPELINE ACCESSORIES

DUAL LINE REGULATORS ASSEMBLY D300 / D800

Inlet pressure: 50 bar max.
Adjustable outlet pressure: 0-40 bar
Flow: 100 / 300 Nm^3/h
Dual line regulators to be installed on the vaporizer outlet

HP FLEXIBLE HOSES

PTFE, Stainless Steel, polyamide, EPDM.
Working pressure: up to 700 bar
(25 bar for C_2H_2)
Burst pressure: >1500 bar
Inner tube 6, 10, 12, 15 mm
All fittings available
2 stainless steel braids, Kevlar braid
Anti -whip safety cable

SAFETY VALVES

Set pressure range from 0.5 to 485 bar
Instantaneous switch from "close" to "open" position at maximum flow rate

HEATERS

Installed on the cylinder outlet or manifold inlet to prevent freezing up of regulators.
Gases: CO_2, mix, O_2, N_2O
Pressure: 300 bar
Power: 500 W or 1000 W

FLOWMETERS

Type Induflow with calibrated holes
Inlet pressure: from 2.7 to 6 bar
Flow: 0-6 lpm / 0-15 lpm / 0-40 lpm
Type Dynaflow with paddle technology
Inlet pressure: from 2.5 to 4 bar
Flow: from 50 ccpm to 150 lpm

PANEL-MOUNT SHUT-OFF VALVE

Inlet pressure max.: 15 bar
Flow max: 20 Nm^3/h

HIGH PRESSURE REGULATORS

TYPE	INLET PRESSURE (bar)	OUTLET PRESSURE (bar)	FLOW (Nm^3/h)	SPECIFICATIONS	
BUT-HP	200	0,03 - 1	2	Cylinder - 2 stages High precision	
INDU 40	200	3 -8	22	Cylinder 1 stage	
INDUBLOC	200	-	0-6 lpm 0-15 lpm 0-40 lpm	Cylinder - 1 stage TIG welding : shielding gas + back purging	
DYNABLOC	200	-	From 50 cc / min to 150 lpm	Cylinder - 1 stage Paddle technology	
CL-HP	200	1 - 17	28	Pipeline and cylinder 1 stage	
INDU 12	200	0,2 - 16	20	Cylinder 1 stage	
D.E.L	200 or 300	0,5 - 12	75	Cylinder - 2 stages Good precision	
SAM	200 or 300	1 - 17	33	Cylinder 1 stage	
PMD	200 or 300	1 - 70	110	Pipeline - 1 stage Wall station (semi-manifold)	
P RANGE	300	1 - 200	650	Pipeline and cylinder 1 stage Very high flow	
EOLE	200 or 300	1 - 40	200	Pipeline - 1 stage Very high flow	
THD	420	80 - 135	150	Cylinder 1 stage	

LOW PRESSURE REGULATORS

TYPE	INLET PRESSURE (bar)	OUTLET PRESSURE (bar)	FLOW (Nm^3/h)	SPECIFICATIONS	
TBP	4	0,02 - 0,1	35	Pipeline - Precise regulation of low pressure	
CM-TBP	6	0,03 - 1	116	Pipeline High precision regulation	
BUT	7	0,03 - 1	6	Pipeline High precision regulation	
BP-NH3	10	1 - 4	16	Pipeline and cylinder For ammonia	
CL-BP	20	1 - 12	75	Pipeline	
FDL-LB	25	0,5 - 7	15	Point of use - Pipeline	
BP100	50	0,5 - 12	200	Pipeline - Point of use (F 1/4" BSPP)	
BP100HD	50	12 - 40	300	Pipeline - High flow (F 1/4" BSPP)	
BP300	50	0,5 - 12	400	Pipeline (F 1/2" BSPP)	
BP300 HD	50	12 - 40	600	Pipeline - High flow (F 1/2" BSPP)	
BP500 TBP	10	0,2 - 0,7	100	Pipeline - High flow Low pressure (F 3/4" BSPP)	
BP500	50	0,5 - 12	600	Pipeline - High flow (F 3/4" BSPP)	
BP800	50	0,5 - 12	800	Pipeline - High flow (F 1" BSPP)	
BP800 HD	50	13 - 30	800	Pipeline High flow and pressure (F 1" BSPP)	
BP1500	50	0 - 10	2200	Pipeline - High flow (F 1 1/2" BSPP)	
D300	50	0,5 - 40	100	Pipeline - Medium flow	
D800	50	0 - 12	760	Pipeline - High flow	

S2V AND HIGH PRESSURE STAND

Connection from bundle to pipeline including High Pressure Valve

Floor installation

Wall installation

"BP-ICE"

Low temperature line regulator range
Approved for -40°C
+60°C service
100 000 cycles tested

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