# INDUSTRIAL GAS EQUIPMENT











# **PIPELINE EQUIPMENT**

### **MANIFOLDS**

The Cahouet automatic switchover manifold secures

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

## **DUAL LINE REGULATORS** ASSEMBLY D300 / D800

**PIPELINE ACCESSORIES** 

Inlet pressure: 50 bar max. Adjustable outlet pressure: 0-40 bar

Flow: 100 / 300 Nm<sup>3</sup>/h

Dual line regulators to be installed

on the vaporizer outlet

SAFETY VALVES

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



(25 bar for C<sub>2</sub>H<sub>2</sub>)

of regulators.

Pressure: 300 bar Power: 500 W or 1000 W

Gases: CO<sub>2</sub>, mix, O<sub>2</sub>, N<sub>2</sub>O

HP FLEXIBLE HOSES

Working pressure: up to 700 bar

2 stainless steel braids, Keylar braid

Installed on the cylinder outlet or

manifold inlet to prevent freezing up

Burst pressure: >1500 bar

Inner tube 6, 10, 12, 15 mm All fittings available

Anti-whip safety cable

PTFE, Stainless Steel, polyamide, EPDM.

## safety relief valve and purge valve.

a highly reliable uninterrupted gas supply.

Changeover to reserve bank is fully automatic.

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.

Non corrosive gases including O<sub>2</sub> - C<sub>2</sub>H<sub>2</sub> - NH<sub>2</sub> - propane, LAR, LÍN, LÓX...

### INLET PRESSURE

For non corrosive gases and O<sub>a</sub>: 200 or 300 bar (acc. to manifold)

Acetylene: 20 bar Ammonia: 10 bar Propane: 8 bar

Cryogenic gases: 10 bar



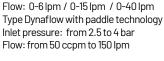
### **OUTLET PRESSURE**

For non corrosive gases and O<sub>o</sub>: 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



## Type Induflow with calibrated holes Inlet pressure: from 2.7 to 6 bar

**FLOWMETERS** 





# PANEL-MOUNT

Inlet pressure max.: 15 bar Flow max: 20 Nm3/h

## HIGH PRESSURE REGULATORS

TYPE	INLET PRESSURE (bar)	OUTLET PRESSURE (bar)	FLOW (Nm³/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	0
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	

## WALL PANELS

Acc. to customer specification



## LOW PRESSURE REGULATORS

ТҮРЕ	INLET PRESSURE(bar)	OUTLET PRESSURE (bar)	FLOW (Nm³/h)	SPECIFICATIONS	
ТВР	4	0,02 - 0,1	35	Pipeline - Precise regulation of low pressure	ů.
CM-TBP	6	0,03 - 1	116	Pipeline High precision regulation	١
BUT	7	0,03 - 1	6	Pipeline High precision regulation	
BP-NH3	10	1 - 4	16	Pipeline and cylinder For ammonia	<b>1</b>
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)	1
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 11/2" 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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