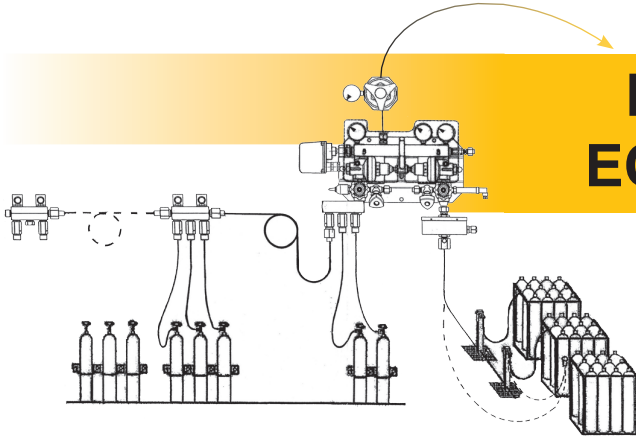


# INDUSTRIAL GAS HANDLING EQUIPMENT



# PIPELINE EQUIPMENT



## MANIFOLDS

The **Cahouet** semi 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

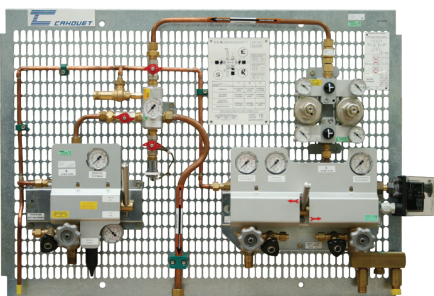
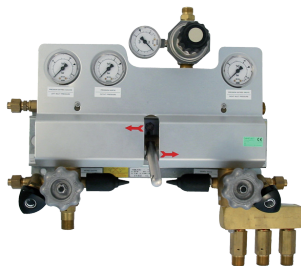
For non corrosive gases and  $O_2$ : from **0 to 70 bar** (acc. to manifold)

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<sup>3</sup>/h

Dual line regulators to be installed on the vaporizer outlet



### HP FLEXIBLE HOSES

PTFE, Stainless Steel, polyamide, EPDM.

Working pressure:

200 or 300 bar (25 bar for  $C_2H_2$ )

Burst pressure: >1500 bar

Inner tube 6 or 10 mm

All fittings available

2 stainless steel braids, Kevlar braid

Safety cable



### SAFETY VALVES

Set pressure range from 0.5 to 500 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,  $O_2$

Pressure: 200 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

Type **SMC**







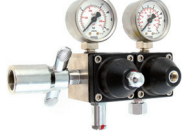





Inlet pressure max.: 15 bar

Flow max: 20 Nm<sup>3</sup>/h



# HIGH PRESSURE REGULATORS










MADE IN  
**FRANCE**

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



# LOW PRESSURE REGULATORS

MADE IN  
**FRANCE**

Type	Inlet pressure (bar)	Outlet pressure (bar)	Flow (Nm <sup>3</sup> /h)	Specifications	
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)	
BP300HD	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)	
D300	50	0,5-40	100	Pipeline - High flow	



## S2V and High Pressure Stand

Connection from bundle to pipeline including High Pressure Valve

◀ Wall installation

Floor installation ▶



## "BP-ICE"

Low temperature line regulator range

Approved for -40°C +60°C service

100 000 cycles tested