

# Food-grade gas equipment





## Central gas station

### - SENIOR



#### SENIOR/3 Manual manifold

Manifold for food-grade gas, consisting of a single 451-type pressure gauge, made of CW614N chemically nickel-plated brass, with discharge valve integrated into the pressure regulator, one pressure gauge for checking line pressure and two high pressure shut-off valves.

#### Product codes

GAS	CODE
OXYGEN, NITROGEN, ARGON, HELIUM, CARBON DIOXIDE	HQAL011

### - JUNIOR



#### JUNIOR/3 Manual manifold

Manifold for food-grade gas, consisting of a single EURO-type pressure gauge, made of CW614N chemically nickel-plated brass, with discharge valve integrated in the pressure regulator, one pressure gauge for checking line pressure and two high pressure shut-off valves.

#### Product codes

GAS	CODE
OXYGEN, NITROGEN, HELIUM, CARBON DIOXIDE	HQAL001

## - Manifold

### Cylinder manifold

The manifold links multiple cylinders to make a supply source for a gas distribution system.



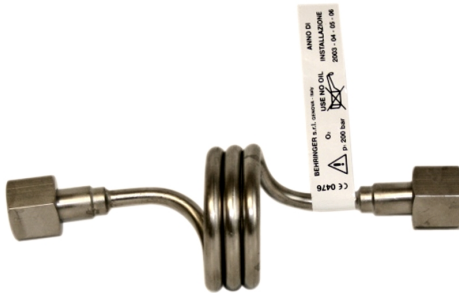
#### Product codes

N. FOLD	GAS	CODE
2	OXYGEN	HSAL002
3	OXYGEN	HSAL003

## - Flexible connection

### Copper connection

Flexible connection made of Ø 8 mm annealed copper tube, chemically nickel-plated, used for high pressure connection of the manifold at the inlet to the device downstream or of two manifolds.



#### Product codes

LENGTH	CODE
0,5 m	HSAL015



### Flex stainless steel

Flexible High Pressure connection consisting of a parallel spiral metal hose made of AISI 316 stainless steel with a double AISI 304 stainless steel reinforcement braid and an anti-kink cable, used to connect tanks to manifolds.

#### Product codes

LENGHT	INLET - OUTLET CONNECTION	CODE
1 m	W21,7x1/14" 'A' - G3/4" 'A' DIN with anti-kink cable	HSAL016D
1 m	W21,7x1/14" 'A' - SI22,91x1,814 'B' F with anti-kink cable	HSAL016F
1 m	W21,7x1/14" 'A' - G5/8" 'B' BS with anti-kink cable	HSAL016UK
1 m	W21,7x1/14" 'A' - W24,32x1/14" 'B' DIN with anti-kink cable	HSAL017D
1 m	W21,7x1/14" 'A' - SI21,7x1,814" 'A' F with anti-kink cable	HSAL017F
1 m	W21,7x1/14" 'A' - W21,80x1/14 'A' DIN with anti-kink cable	HSAL018D
1 m	W21,7x1/14" 'A' - W0,860"x1/14" 'A' BS with anti-kink cable	HSAL019UK
2 m	W21,7x1/14" 'A' - G3/4" 'A' DIN with anti-kink cable	HSAL020D
2 m	W21,7x1/14" 'A' - SI22,91x1,814 'B' F with anti-kink cable	HSAL020F
2 m	W21,7x1/14" 'A' - G5/8" 'B' BS with anti-kink cable	HSAL020UK
2 m	W21,7x1/14" 'A' - W24,32x1/14" 'A' DIN with anti-kink cable	HSAL021D
2 m	W21,7x1/14" 'A' - SI21,7x1,814 'A' F with anti-kink cable	HSAL021F
2 m	W21,7x1/14" 'A' - W21,80x1/14 'A' DIN with anti-kink cable	HSAL022D
2 m	W21,7x1/14" 'A' - W0,860"x1/14" 'A' BS with anti-kink cable	HSAL023UK

### - Cylinder rack



### Cylinder rack

The cylinder rack is used to wall mount one or more 40/50 l compressed gas cylinders.

#### Product codes

N. FOLD	CODE
1	HS026A
2	HS026
3	HS027

Behringer S.r.l. via Gualco 4, 16165 Genova ITALY

T +39 010 8309103

F +39 010 8309183

e-mail info@behringer.it

C.F. e P.I. 01167840998

## - Accessories



### Contact type pressure gauge

Pressure gauge with electric contact compatible for food grade use, class 2.

#### Product codes

TRESHOLD	CONNECTION	RANGE	CODE
15 bar	G1/4" M R - CBM	0-315 bar	HM091
15 bar	G1/4" M R - LM	0-315 bar	HM092



### Gas alarm manifold

The SINTESY S120 alarm module is used to control alarms in food-grade gas distribution systems.

#### Product codes

POWER SUPPLY VOLTAGE	CODE
230 V	HQ100



### Bleed valve

The purge valve is installed at the end of a manifold to purge the residual pressure in the line between the cylinders and the manifold itself and for maintenance or replacement of supply lines.

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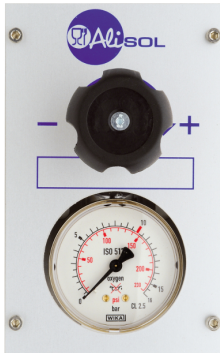
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## Product codes

GAS	CODE
OXYGEN, NITROGEN, ARGON, HELIUM, CARBON DIOXIDE	HV006

## Workstations

### - EURO/7



#### EURO/7 pressure regulator workstation

Workstation designed to connect a user to a food-grade gas distribution network, used to reduce pressure on the line.

## Product codes

P <sub>2</sub> max.	CODE
12 bar	HPLAL001
5 bar	HPLAL002
2 bar	HPLAL003

## Cylinder pressure regulators

### - 451



#### 451-type cylinder pressure regulator

Pressure regulator for cylinders, suitable for food-grade gas, equipped with dual pressure gauge to show high and low pressure, used on outlet of cylinders to reduce the pressure down to that of the line or of the equipment.

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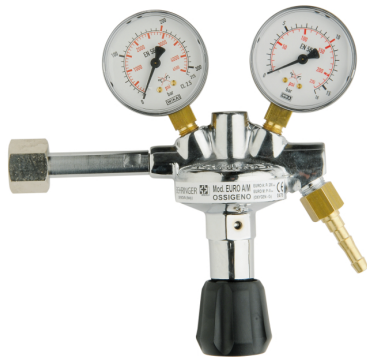
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## Product codes

GAS	INLET CONNECTION	OUTLET CONNECTION	CODE
OXYGEN	G3/4" 'A' DIN	Hose connector Ø 8 mm	HRAL006D
OXYGEN	W21,80x1/14" 'A' DIN	Hose connector Ø 8 mm	HRAL006D2
OXYGEN	G5/8" 'B' DIN	Hose connector Ø 8 mm	HRAL006D3
OXYGEN	SI22,91x1,814 'A' F	Hose connector Ø 8 mm	HRAL006F
OXYGEN	G5/8" 'B' BS	Hose connector Ø 8 mm	HRAL006UK
NITROGEN	W24,32x1/14" 'A' DIN	Hose connector Ø 8 mm	HRAL007D
NITROGEN	W21,80x1/14" 'A' DIN	Hose connector Ø 8 mm	HRAL007D2
NITROGEN	SI21,7x1,814 'A' F	Hose connector Ø 8 mm	HRAL007F
NITROGEN	G5/8" 'B' BS	Hose connector Ø 8 mm	HRAL007UK
HELIUM	W21,80x1/14" 'A' DIN	Hose connector Ø 8 mm	HRAL008D
HELIUM	W24,32x1/14" 'A' DIN	Hose connector Ø 8 mm	HRAL008D2
HELIUM	G3/4" 'A' DIN	Hose connector Ø 8 mm	HRAL008D3
HELIUM	SI21,7x1,814 'A' F	Hose connector Ø 8 mm	HRAL008F
HELIUM	G5/8" 'B' BS	Hose connector Ø 8 mm	HRAL008UK
ARGON	W21,80x1/14" 'A' DIN	Hose connector Ø 8 mm	HRAL009D
ARGON	W24,32x1/14" 'A' DIN	Hose connector Ø 8 mm	HRAL009D2
ARGON	G3/4" 'A' DIN	Hose connector Ø 8 mm	HRAL009D3
ARGON	SI21,7x1,814 'A' F	Hose connector Ø 8 mm	HRAL009F
ARGON	G5/8" 'B' BS	Hose connector Ø 8 mm	HRAL009UK
CARBON DIOXIDE	W21,80x1/14" 'A' DIN	Hose connector Ø 8 mm	HRAL010D
CARBON DIOXIDE	G3/4" 'A' DIN	Hose connector Ø 8 mm	HRAL010D2
CARBON DIOXIDE	SI21,7x1,814 'A' F	Hose connector Ø 8 mm	HRAL010F
CARBON DIOXIDE	W0,860"X14 TPI 'A' BS	Hose connector Ø 8 mm	HRAL010UK

## - JUNIOR



## JUNIOR cylinder pressure regulator

Pressure regulator for cylinders, suitable for food-grade gas, equipped with dual pressure gauge to show high and low pressure, used on outlet of cylinders to reduce the pressure down to that of the line or of the equipment.

## Product codes

GAS	INLET CONNECTION	CODE
OXYGEN	G3/4" 'A' DIN	HRAL001D
OXYGEN	W21,80x1/14" 'A' DIN	HRAL001D2
OXYGEN	G5/8" 'B' DIN	HRAL001D3

Behringer S.r.l. via Gualco 4, 16165 Genova ITALY

T +39 010 8309103

F +39 010 8309183

e-mail info@behringer.it

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## Product codes

GAS	INLET CONNECTION	CODE
OXYGEN	SI22,91x1,814 'A' F	HRAL001F
OXYGEN	G5/8" 'B' BS	HRAL001UK
NITROGEN	W24,32x1/14" 'A' DIN	HRAL002D
NITROGEN	W21,80x1/14" 'A' DIN	HRAL002D2
NITROGEN	SI21,7x1,814 'A' F	HRAL002F
NITROGEN	G5/8" 'B' BS	HRAL002UK
HELIUM	W21,80x1/14" 'A' DIN	HRAL003D
HELIUM	W24,32x1/14" 'A' DIN	HRAL003D2
HELIUM	G3/4" 'A' DIN	HRAL003D3
HELIUM	SI21,7x1,814 'A' F	HRAL003F
HELIUM	G5/8" 'B' BS	HRAL003UK
ARGON	W21,80x1/14" 'A' DIN	HRAL004D
ARGON	W24,32x1/14" 'A' DIN	HRAL004D2
ARGON	G3/4" 'A' DIN	HRAL004D3
ARGON	SI21,7x1,814 'A' F	HRAL004F
ARGON	G5/8" 'B' BS	HRAL004UK
CARBON DIOXIDE	W21,80x1/14" 'A' DIN	HRAL005D
CARBON DIOXIDE	G3/4" 'A' DIN	HRAL005D2
CARBON DIOXIDE	SI21,7x1,814 'A' F	HRAL005F
CARBON DIOXIDE	W0,860"X1/14 'A' BS	HRAL005UK

## Line pressure regulators

### - GIGANT/R



#### GIGANT/R line pressure regulator

Line pressure regulator, suitable for food-grade gas, equipped with dual pressure gauge to show high and low pressure, used to reduce the pressure down to that of the line or of the equipment.

## Product codes

GAS	CODE
OXYGEN, NITROGEN, ARGON, HELIUM, CARBON DIOXIDE	HRAL026

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T +39 010 8309103

F +39 010 8309183

e-mail info@behringer.it

C.F. e P.I. 01167840998

## - EURO/M



### EURO/M line pressure regulator

Line pressure regulator, with one pressure gauge, suitable for food-grade gas on low pressure lines.

#### Product codes

GAS	CODE
OXYGEN, NITROGEN, HELIUM, ARGON, CARBON DIOXIDE	HRAL016

## Manifold regulator

## - 451



### 451-type manifold pressure regulator

Pressure regulator for manifolds, suitable for food-grade gas, equipped with dual pressure gauge to show high and low pressure, used to reduce the pressure down to that of the line or of the equipment.

#### Product codes

GAS	CODE
OXYGEN, NITROGEN, ARGON, HELIUM, CARBON DIOXIDE	HRAL032

## - JUNIOR



### JUNIOR manifold pressure regulator

Pressure regulator for manifolds, suitable for food-grade gas, equipped with dual pressure gauge to show high and low pressure, used to reduce the pressure down to that of the line or of the equipment.

#### Product codes

GAS	CODE
OXYGEN, NITROGEN, ARGON, HELIUM, CARBON DIOXIDE	HRAL031