

# Gas supply station ZD 60

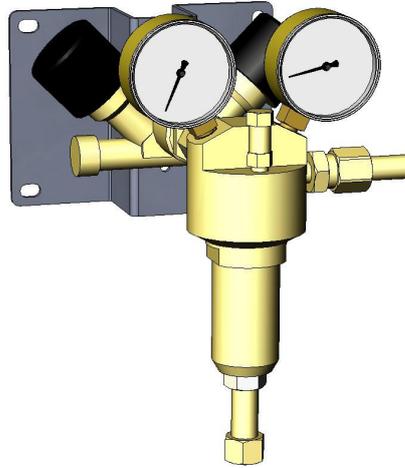


Figure 1.

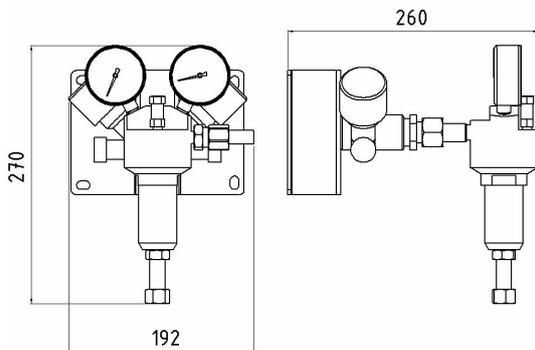
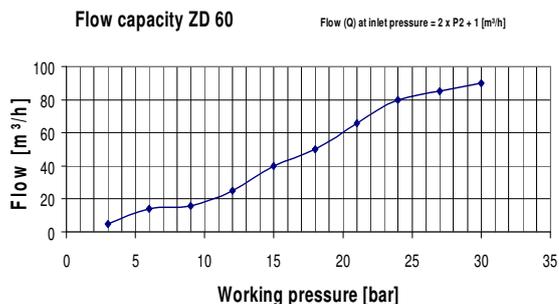


Figure 2.



## Hornung Quality standard

The company Hornung is certified to

### DIN EN ISO 9001

All single parts are manufactured, assembled and tested in house.

The finished parts are therefore under the criteria of our exact quality control with 100% final control.

## Description

The supply station ZD 60 is available in a single and double sided configuration. The double sided station (Fig.1+2) for assembly in double sided cylinder and bundle battery systems guarantees the interruption free gas supply with manual switching.

The single sided station (Fig.3+4) is for assembly in single sided cylinder and bundle battery systems and ensures a safe cut-off of the gas supply.

With the supply station ZD 60 a maximum pressure of 300 bar can be reduced to a maximum pressure of 10, 20 or 30 bar and held constant.

The supply station consists of a single stage central pressure regulator to DIN EN 961 (ISO 7291) with BAM Oxygen certification

The integrated relief valve protects the valve from excessive inlet pressure.

Double shut-off valve (double sided station) or a main shut-off valve (single sided station), both certified with BAM, are also feature of the station.

The assembly is mounted on a wall bracket.

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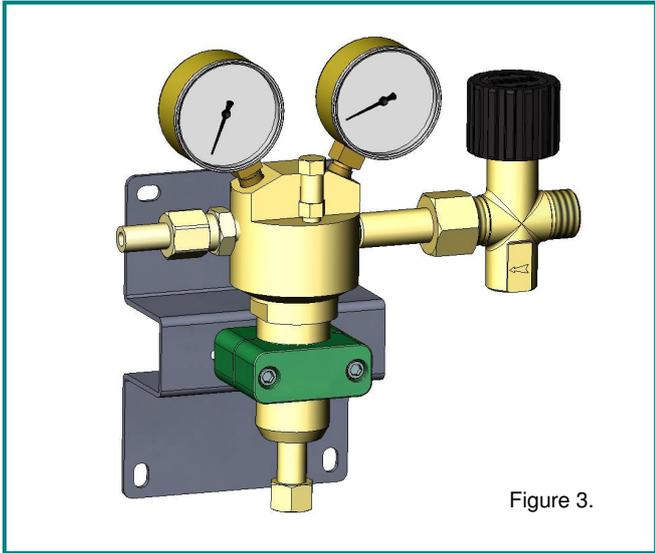


Figure 3.

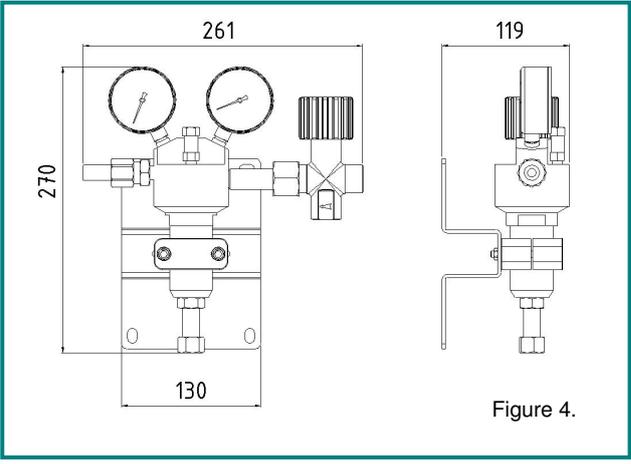


Figure 4.

Figure 3+4: single side regulator (right)  
Also available as left, sizes identical

**Technical details:**

- Material: Brass
- Seat: EPDM
- Filter: Metal, pore size 40µm
- Diaphragm: Stainless steel
- Max. Inlet pressure: 300 bar
- Regulating area: 1,0 – 30 bar
- Operating temp.r: -20°C bis +60°C
- Size: 261 x 270 x 119 mm (1 s.)  
192 x 270 x 260 mm (2 s.)
- Weight: 4500g (1 s.)  
5500g (2 s.)
- Connections: Inlet:
  - Single sided:* G 3/4 DIN 8542
  - or G 3/4 DIN 477
  - double sided:* G 3/4 DIN 477
- Outlet: Nipple 1/2"
- Gauge: G1/4

**Order details:**

**Format:**

- 1 = single sided, right
- 2 = single sided, left
- 3 = double sided

**Inlet pressure (p1):**

- 1 = 200 bar
- 2 = 300 bar

**Outlet pressure (p2):**

- 1 = 1-10 bar
- 2 = 1-20 bar
- 3 = 1-30 bar

**Connection inlet (only with single sided):**

- 1 = G 3/4m DIN 8542
- 2 = G 3/4m DIN 477 /Nr.9

**Order example:**

Station -Type	
51	Supply station ZD 60

51	-1	1	2	1	Gas type
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Type    Format    p1    p2    Inlet    Gas type

**Accessories:**

High pressure manifold : see data sheet "High pressure manifold"

**Note:**

See also data sheet "Cylinder battery system" and "Bundle battery system"