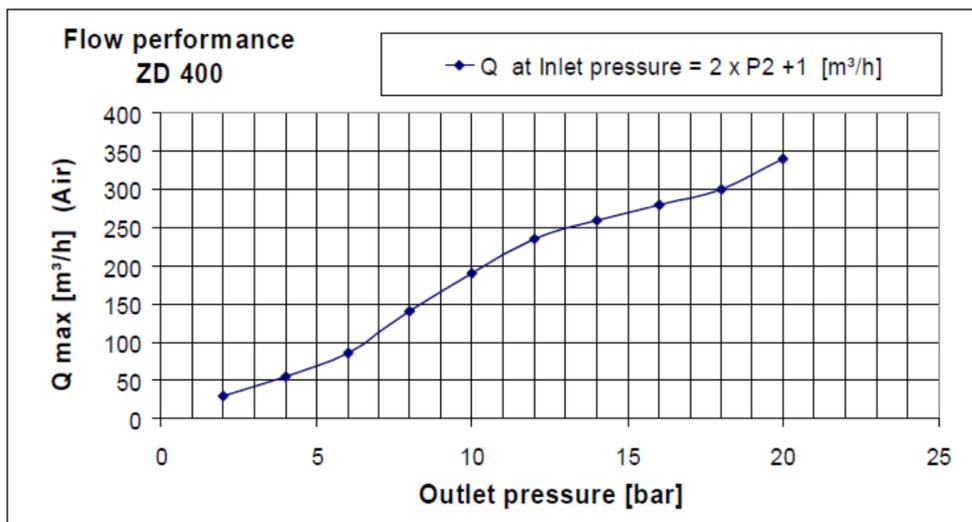
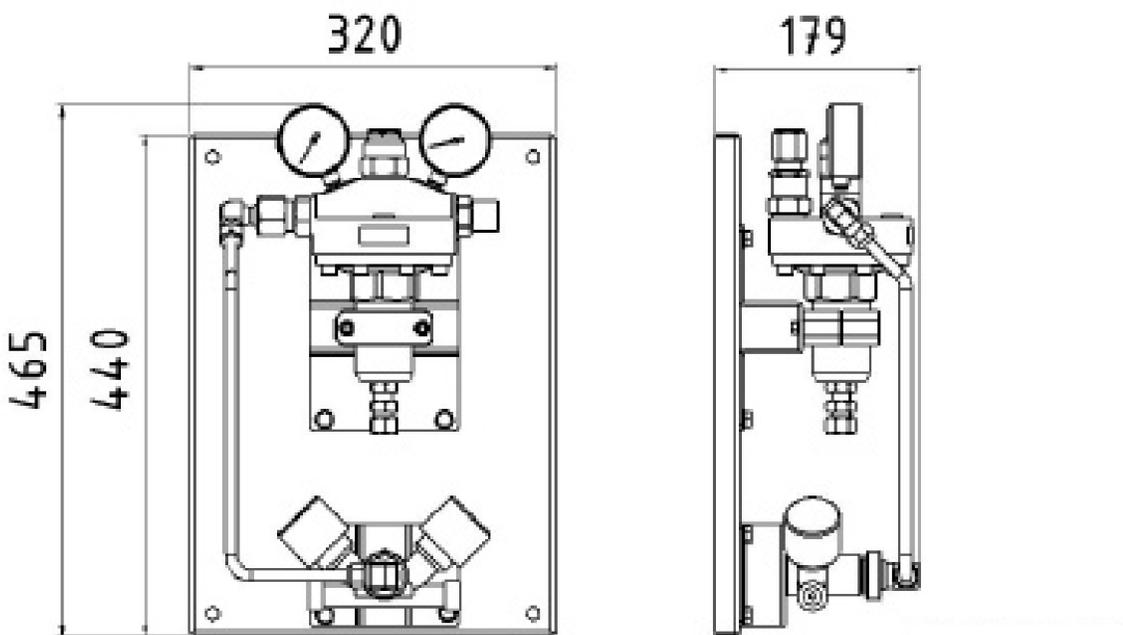


Gas supply station ZD 400



Illustration 1

2-sided gas supply station (version 3), optional version 1 available, see order details



DESCRIPTION

The supply station ZD 400 is available in a single and double sided configuration.

The double sided station (illustration 1) for assembly in double sided cylinder and bundle battery systems guarantees the interruption free gas supply with manual switching.

The single sided station (illustration 2) 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 400 a maximum pressure of 300 bar can be reduced to a maximum pressure of 2, 5, 6, 8, 12 or 20 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 a feature of the station.

The assembly is mounted on a wall bracket.

QUALITY STANDARD

The company Hornung is certified to **DIN EN ISO 9015** and **ISO 14001:2015**. All single parts are manufactured, assembled and tested by in-house production. The finished parts are therefore under all criteria of German quality control with 100% final inspection.

HORNUNG

Präzision made in Germany

Rathenaustraße 55
63263 Neu-Isenburg

Phone: +49 6102 7883-70
Fax: +49 6102 7883-40

www.hornung.org
info@hornung.org

ZD 400

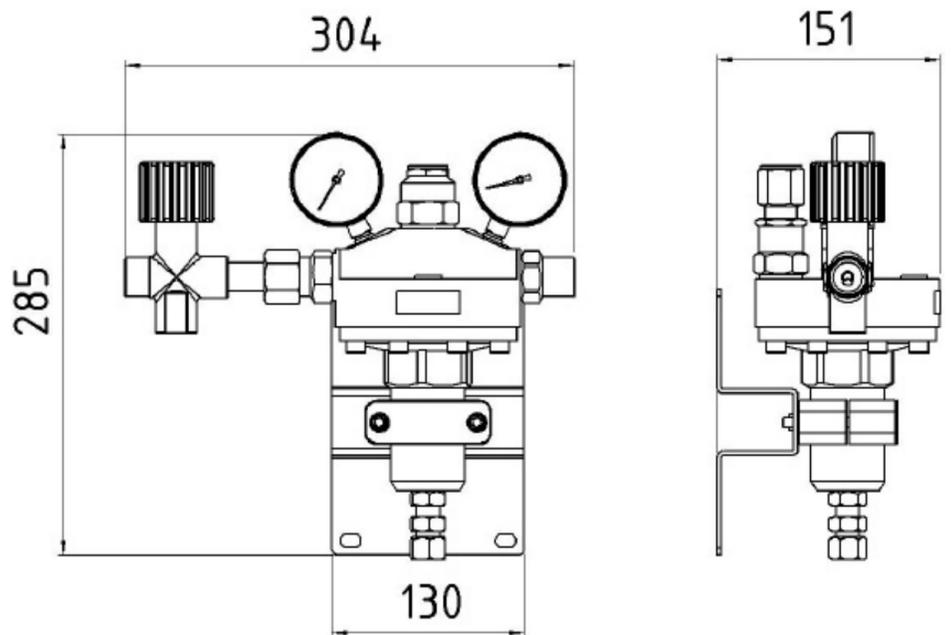


Illustration 2

Version 2 - one-sided gas supply station (left), also available in right-hand version, identical dimensions.

TECHNICAL DETAILS

Material:	brass	Size:	285 x 304 x 151 mm (1 s.) 465 x 371 x 241 mm (2 s.)
Seat:	PCTFE	Weight:	7500 g (1 s.) 11000 g (2 s.)
Filter:	metal, pore size 40 µm	Connections:	Inlet: G 3/4 DIN 8542 or G 3/4 DIN 477
Diaphragm:	EPDM	Single sided:	
Max. inlet pressure:	300 bar	Double sided:	G 3/4 DIN 477
Max. output:	340 ³ /h	Outlet:	nipple 1/2"
Regulating range:	0,1 - 20 bar	Gauge:	G 1/4
Operating temp.:	-20°C to +60°C		

ORDER DETAILS

Format:	Inlet pressure (p1):	Outlet pressure (p2):	Connection inlet (only with single sided):
1 = single sided, right	1 = 200 bar	1 = 0,1-2,5 bar	0 = G 3/4 m DIN 477 / Nr. 9: double sided
2 = single sided, left	2 = 300 bar	2 = 1 - 6 bar	1 = G 3/4 m DIN 8542: single sided
3 = double sided		3 = 1 - 8 bar	2 = G 3/4 m DIN 477 / Nr. 9: single sided
		4 = 1 - 12 bar	
		5 = 1 - 20 bar	

Station - Type	47	-1	1	2	1	Gas type
53 Supply station ZD 400	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"