

GO-HC-WS SERIES WATER SEPARATORS

Manufacturing Forward





Mikropor began its journey in 1987 with a passion to create "Tomorrow's Technology" and has become one of the leading manufacturers of atmospheric air filtration solutions and compressed air treatment systems for a variety of industries.

By closely following the latest developments in technology, Mikropor's "Best in Class" products and solutions are appreciated by customers in more than 100 countries.

The company's sustainable growth has been provided by its passion for innovation and commitment to quality, as well as its dedication to technology. Mikropor is an environmentally conscious company that values people, while developing products that extend the needs and expectations of customers.

With this mission, Mikropor continues to become one of the most recognized brands in the world by expanding its global penetration in the field of technological filtration and contributes to a healthier planet.

www.mikropor.com

GO-HC-WS SERIES WATER SEPARATORS

Mikropor GO-HC-WS Water Separators have been designed for the removal of bulk liquid water and particulate from compressed air and gases. Unique centrifugal action removes contaminants at low-pressure drop for maximum energy savings.

High capacity GO-HC-WS Series Water Separators are designed to increase the capacity of separators used in compressed air systems. Thus, the utilization of compressed air volume can be easily pushed up to 5.4 m³/h.

Note: While highly efficient, condensate separators will not remove 100% of the water from the air stream. Additional coalescing and particulate filters downstream may be required to remove the fine traces of oil, water and particles.

Note: Mikropor Electronic Zero-Loss Drain (MZL) is fitted as standard.

Correction Factor

Compressed air users will be able to install GO-HC-WS Series in their systems without any need for ASME Standards eligibility requirements.

For maximum flow rate, multiply model flow rate show in the above table by the correction factor corresponding to the working pressure.

Operating Pressure (barg)	psig	Correction Factor
1	15	0.50
3	44	0.71
5	73	0.87
7	100	1.00
9	131	1.12
11	160	1.22
13	188	1.32
15	218	1.44
16	232	1.57



Features



Low carbon footprint



User-friendly maintenance procedure



Eco-friendly drain according to ISO 14000



Wear resistant multiple inlet ports



Low weight and easy installation

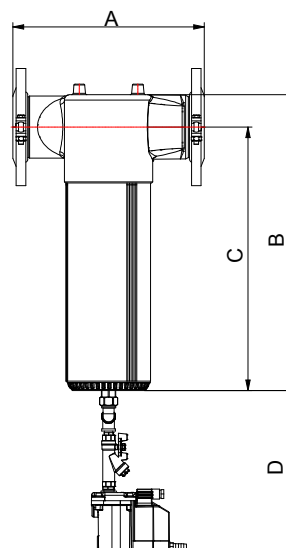
Oil Types	Separator Compatibility
Mineral Oil	✓
Synthetic Oil	✓

GO-HC-WS SERIES WATER SEPARATORS

Model	Connection Size	Flow Rate (m ³ /h)	Max. Working Pressure (barg)	Housing Dimensions (mm)			
				A	B	C	D
GO-HC-WS-3400	DN100 Flange	3400	16	350	560	510	305
GO-HC-WS-4500	DN100 Flange	4500	16	350	635	585	305
GO-HC-WS-5400	DN100 Flange	5400	16	350	660	585	305

Given flows are at 7 barg pressure with reference to 20°C and 1 barg atmospheric air suction as per ISO 7183 standard

Max. Recommended Operating Temp.	Min. Recommended Operating Temp.	Typical Pressure Loss at Rated Flow	Max. Working Pressure
80°C	2°C	0.05 bar	16 barg



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