

An abstract, high-contrast image showing a dynamic splash of golden-brown oil and clear water droplets against a deep blue background. The oil forms intricate, flowing patterns, while the water droplets are suspended in various sizes, some reflecting light. The overall effect is one of fluid motion and separation.

Manufacturing Forward

GO-HC-WS-US SERIES WATER SEPARATOR

www.mikroporamerica.com


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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.

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GO-HC-WS-US SERIES WATER SEPARATORS

Mikropor GO-HC-WS-US 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-US 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 3200 cfm.

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

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

Operating Pressure (bar)	Psi	Correction Factor
1	15	0.5
3	44	0.71
5	73	0.87
7	100	1
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



Ware resistant multiple inlet ports



Low weight and easy installation

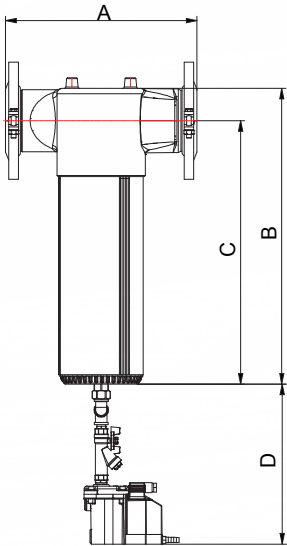
Oil Types	Separator Compatibility
Mineral Oil	✓
Synthetic Oil	✓

GO-HC-WS-US SERIES WATER SEPARATORS

Technical Specifications

Model	Connection Size	Flow Rate		Max Working Pressure (psi)	Housing Dimensions			
		(m ³ /h)	(cfm)		A	B	C	D
GO-HC-WS-US-2000	4" Flange	3400	2000	232	14	22	20	12
GO-HC-WS-US-2600	4" Flange	4500	2600	232	14	25	23	12
GO-HC-WS-US-3200	4" Flange	5400	3200	232	14	26	23	12

Max. Recommended Operating Temp.	Min. Recommended Operating Temp.	Typical Pressure Loss at Rated Flow	Max. Working Pressure
176°F	35°F	0.7 psi	230 psi





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GO-HC-WS-US SERIES WATER SEPARATOR UNITS



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