



F WS SERIES FLANGED 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

F WS SERIES FLANGED WATER SEPARATORS

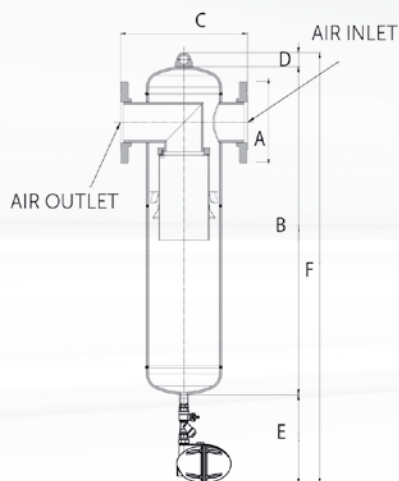
Mikropor flanged water separators have been designed for the removal of bulk liquid water and particulate from compressed air and gases. Unique centrifugal action removes contaminants at low-pressure drop for maximum energy savings. Mikropor flanged water separators are available from DN80-DN200 flange sizes and flows up to 14000 m³/h (8240 cfm) **(for larger sizes please contact our sales team).**

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

Correction Factor

For maximum flow rates, 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	14	0.50
3	44	0.71
5	72	0.87
7	100	1.00
9	130	1.12
11	160	1.22
13	188	1.32
14	200	1.38



Max. Recommended Operating Temperature	Min. Recommended Operating Temperature	Typical Pressure Loss at Rated Flow	Max. Working Pressure
80°C	1.5°C	50 mbar	14 barg

Technical Specifications

Model	Connection Size	Flow Rate		Housing Dimensions (mm)					
		(m ³ /h)	(cfm)	A	B	C	D	E	F
F-2500WS	DN80	2500	1470	200	934	450	75	280	1289
F-3200WS	DN100	3200	1880	220	964	450	75	280	1319
F-4300WS	DN100	4300	2530	220	982	530	75	280	1283
F-6500WS	DN150	6500	3825	285	1092	580	75	280	1447
F-8500WS	DN150	8500	5000	285	1091	650	75	280	1446
F-11000WS	DN200	11000	6470	340	1168	750	75	280	1523
F-14000WS	DN200	14000	8235	340	1201	800	75	280	1556

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



FWS SERIES FLANGED WATER SEPARATORS



Ahi Evran OSB Mah. Oğuz Cad. No: 5 Sincan, 06935, Ankara-Türkiye

+90 312 267 0700 mikropor@mikropor.com

   mikropor

www.mikropor.com