

Water Separator (WS)

REFERENCE CONDITIONS

Size	from 1 to 13
Compressed air effective inlet pressure (bar(g))	7
Ambient air temperature (°C)	20
Compressed air inlet temperature (°C)	20
Compressed air inlet dewpoint (°C)	10
Injected water per air flow (ml/min per l/s) ★	2

LIMITATIONS

Size	from 1 to 13
Minimum ambient temperature (°C)	-20
Maximum ambient temperature (°C)	50
Minimum compressed air inlet pressure (bar(g))	1.5
Maximum compressed air inlet pressure (bar(g))	16
Minimum compressed air inlet temperature (°C)	1
Maximum compressed air inlet temperature (°C)	80



DESIGN DATA ●

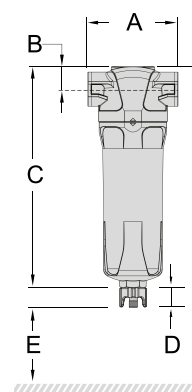
Size	1	2	3	4	5	6	7	8	9	10	11	12	13
Nominal volume flow at filter inlet (l/s)	2.8	6.9	11.7	16.4	23.6	33.1	58.9	82.5	132.2	151.4	330.3	401.1	708.3
Dimensions of inlet and outlet connections (BSP / NPT)	1/8"	1/4"	1/4"	3/8"	1/2"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Bowl connection at the bottom (BSP)	1/4"	1/4"	1/4"	1/4"	1/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Filter dimension A (mm)	50	50	70	70	70	127	127	127	140	140	170	220	220
Filter dimension B (mm)	17	17	24	24	24	32	32	32	40	40	53	70	70
Filter dimension C (mm)	157	157	231	231	231	285	285	285	475	475	508	413	413
Drain length D (mm)	28	28	28	28	28	30	30	30	30	30	30	30	30
Service distance E (mm)	60	60	70	70	70	80	80	80	80	80	100	100	100
Filter volume (head+bowl) (lt.)	0.1	0.1	0.3	0.3	0.3	1.1	1.1	1.1	2.6	2.6	3.5	4.5	4.5
Weight (kg)	0.25	0.25	0.6	0.6	0.6	1.7	1.7	1.7	3	3	4.9	8	8
Shipping length (mm)	260	260	390	390	390	460	460	460	705	705	720	730	730
Shipping width (mm)	65	65	85	85	85	130	130	130	170	170	185	235	235
Shipping height (mm)	65	65	85	85	85	125	125	125	150	150	185	220	220

PERFORMANCE DATA ●

Size	from 1 to 18
Total bulk water removal efficiency (%) ★	99
Typical pressure loss at rated flow (bar)	0.055

● At reference conditions, unless otherwise stated and according to ISO 1217, third edition, annex C.

★ Tested in accordance with ISO12500-4



Pressure correction factors	For maximum flow rate. multiply model flow rate by the correction factor corresponding to the minimum operating pressure									
Operating pressure barg (psig)	4 (58)	5 (72)	6 (87)	7 (100)	8 (115)	10 (145)	12 (174)	14 (203)	16 (232)	20 (290)
Correction factor	0.76	0.84	0.92	1.00	1.07	1.19	1.31	1.41	1.51	-