



PWS Series | Water Separator

Eliminate the Bulk Water that Results in Costly Downtime

The Pure-Aire PWS Series Water Separator removes up to 99% of bulk water, making it highly efficient at reducing energy consumption and maintenance costs while eliminating costly downtime.

Cost-Effective Design

The PWS Series does not need replacement components, making it a cost-effective solution for increasing operating life.



Benefits



Water Separator Threaded Housings (1/4" to 3")

Manufactured from cast aluminum alloy with a protective finish to enhance shedding of liquids and eliminate corrosion.

Low Velocity Liquid Removal

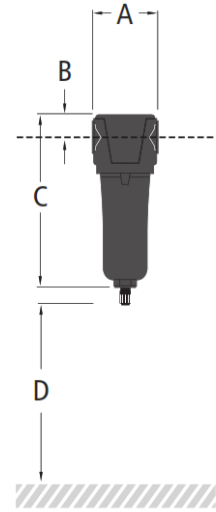
The unique fins on the centrifugal module have been custom engineered using the latest CFD software to guarantee that points of low efficiency have been identified and eliminated.



Technical Specifications

Maximum Recommended Operating Temperature	248°F	120°C
Minimum Recommended Operating Temperature	35°F	1.5°C
Maximum Working Pressure	232 psig	16 barg

Model	Pipe Size	Flow Rate		Dimensions (Inches)				Weight (lbs.)
		scfm	Nm ³ /h	A	B	C	D	
PWS 25	1/4"	25	42	2.8	.98	7.5	3.5	1.5
PWS 35	3/8"	35	59	2.8	.98	7.5	3.5	1.5
PWS 50	1/2"	50	85	2.8	.98	7.5	3.5	1.5
PWS 70	1/2"	70	119	3.9	1.4	8.3	3.5	1.5
PWS 125	3/4"	125	212	3.9	1.4	10.7	4.3	3.3
PWS 175	1"	175	297	3.9	1.4	10.7	4.3	3.3
PWS 280	1 1/4"	280	476	4.8	1.7	15	5.9	5.1
PWS 320	1 1/2"	320	545	4.8	1.7	15	5.9	5.1
PWS 400	1 1/2"	400	680	5.7	2	19	7.1	8.8
PWS 700	2"	700	1189	5.7	2	19	7.1	8.8
PWS 850	2 1/2"	850	1145	8.3	2.6	23.4	7.9	18.7
PWS 1500	3"	1500	2549	8.3	2.6	23.4	7.9	18.7



Note:

Water Separators are fitted with float operated automatic drain valves. When high quantities of liquid are anticipated, Pure-Aire recommends the use of electronic drain valves.

Contact Us

 1-800-274-3233

 sales@pure-aire.com

 www.pure-aire.com