

# Water Separators



Bulk water can be found in all compressed air systems. This can be very costly, resulting in corrosion, damage to tools and machinery downtime.

Walker Filtration manufactures a range of water separators to remove 99% of bulk water. This highly efficient product enhances the reliability of compressed air systems, eliminating the problem of costly downtime.

## Significantly reduces maintenance costs

The unique fins on the centrifugal module have been custom engineered using the latest CFD software to identify and eliminate points of low efficiency, ensuring excellent liquid removal even at low flow velocities.

The shield at the bottom of the module prevents re-entrainment of separated water and creates a calm zone allowing for bespoke drainage options

## Exceptional performance levels

1/4" to 3" threaded housings are manufactured in robust cast aluminium alloy with a corrosion protective Walker E-Coat™ finish.

No replacement components are required making Walker Filtration's water separators a viable, cost effective solution.

Tested in accordance with  
ISO 12500-4



### Applications include:

Electronics

Instrumentation

Laboratories

Manufacturing

Automotive and Robots

Oil & Gas

Paint Applications

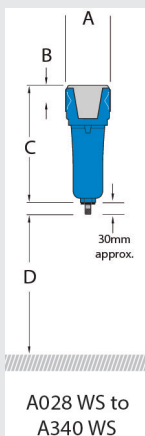
Pneumatic Conveying



# Technical Specification

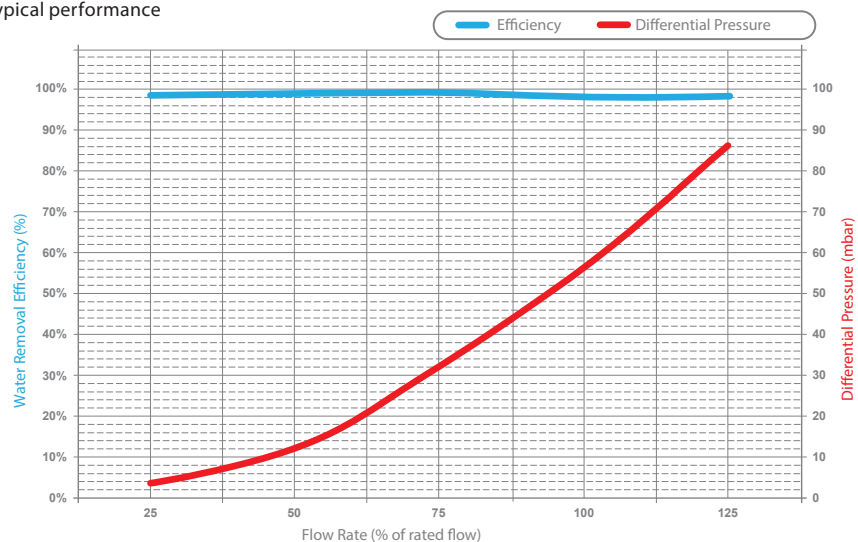
filter model	pipe size	flow rate		dimensions (mm)				weight Kg
		Nm <sup>3</sup> /h	SCFM	A	B	C	D	
A028 WS	¼	42	25	70	25	191	90	0.7
A038 WS	⅜	59	35	70	25	191	90	0.7
A058 WS	½	85	50	70	25	191	90	0.7
A059 CWS	½	119	70	100	35	210	90	0.7
A059 WS	½	119	70	100	35	276	110	1.5
A078 WS	¾	212	125	100	35	276	110	1.5
A108 WS	1	297	175	100	35	276	110	1.5
A128 CWS	1¼	476	280	122	42	380	150	2.3
A128 WS	1¼	476	280	122	42	460	150	2.5
A158 CWS	1½	545	320	122	42	380	150	2.3
A158 WS	1½	545	320	122	42	460	150	2.5
A159 WS	1½	680	400	146	52	482	180	4
A208 WS	2	1189	700	146	52	482	180	4
A254 WS	2½	1445	850	210	67	595	200	8.5
A340 WS	3	2549	1500	210	67	595	200	8.5

\* The CWS range has a shorter bowl for compact installations



Grade	WS	
Maximum recommended operating temperature	120°C	248°F
Minimum recommended operating temperature	1.5°C	35°F
Maximum working pressure	16 barg	232 psig

## typical performance



Tested in accordance with ISO12500-4 on an A059 WS water separator.

Exceptional performance at any flow rate makes it perfect for use in variable speed compressor applications.

## technical notes

- Water separators are fitted with internal automatic float drain as standard on models A028WS thru to A059WS. Models A078WS and larger do not include a drain but a 1/2" npt connection only. Drain is extra and can be purchased separately from CAG Purification.
- A connecting kit is required to connect a water separator to filter models A028 to A340. The pricing is available in our filter accessory price page
- The CWS range has a shorter bowl for compact installations

CAG Purification

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