

# SFA Series

## Silicone-free removal of oil aerosol, dust and oil vapor

Superb air purity is a prerequisite to safeguard your instruments and end products. Our silicone-free SFA filters efficiently prevent dry and wet dust, particulates, oil aerosol and water droplets from entering your compressed air system. The SFA series is manufactured and treated according to the high standards of silicone-free equipment, and certified by the Fraunhofer Institute as guaranteed silicone-free.



Filter size	Nominal capacity		Reference pressure		Maximum pressure		Connections	Dimensions						Weight		
	l/s	cfm	bar(g)	psig	bar(e)	psig		A		B		C*		kg	lbs	
Flanged							mm	inch	mm	inch	mm	inch	mm	inch	kg	lbs
480+	480	1017	7	102	16	232	DN 80	370	15	316	12	1295	51	76	168	
630+	630	1335	7	102	16	232	DN 80	370	15	316	12	1295	51	78	172	
850+T	850	1801	7	102	16	232	DN 100	510	20	418	17	796	31	35	78	
970+	970	2055	7	102	16	232	DN 100	510	20	451	18	1360	54	141	311	
1100+T	1100	2331	7	102	16	232	DN 100	510	20	418	17	796	31	37	82	
1260+	1260	2670	7	102	16	232	DN 100	510	20	451	18	1360	54	143	315	
1600+	1600	3390	7	102	16	232	DN 150	620	24	506	20	1480	58	210	463	
2100+	2100	4450	7	102	16	232	DN 150	640	25	541	21	1555	61	176	388	
2500+	2500	5297	7	102	16	232	DN 150	640	25	541	21	1555	61	178	392	
3000+	3000	6357	7	102	16	232	DN 200	820	32	701	28	1745	69	420	926	
3500+	3500	7416	7	102	16	232	DN 200	820	32	701	28	1745	69	424	935	
4000+	4000	8476	7	102	16	232	DN 200	820	32	701	28	1745	69	428	944	
5000+	5000	10594	7	102	16	232	DN 200	820	32	701	28	1745	69	432	952	
6000+	6000	12713	7	102	16	232	DN 250	920	36	815	32	2085	82	671	1479	
7000+	7000	14832	7	102	16	232	DN 250	920	36	815	32	2085	82	679	1497	
8000+	8000	16951	7	102	16	232	DN 300	1040	41	930	37	2070	81	896	1975	
9000+	9000	19070	7	102	16	232	DN 300	1040	41	930	37	2070	81	900	1984	

\* +60 mm/2.36 in for units with an electronic drain & +70 mm/2.76 in for a mechanical float.

### Your benefits:

- **Maximum contaminant removal** - Removal of dry and wet dust, particulates, oil aerosol and water droplets with high-efficiency glass fiber and fleece media.
- **Significant energy savings & limited system operating costs** - Optimal design and filter media allow for a low pressure drop.
- **High reliability** - Stainless-steel cores, double O-rings, epoxy-sealed caps and filter housing with anti-corrosive coating.
- **Easy maintenance** - External ribbing on the threaded housing and push-on elements.
- **Monitoring of energy use** - Differential pressure indication (indicator for sizes 9-32 l/s, gauge for sizes 44-520 l/s – optional).

### Options

Filter connection kit (9-520 l/s).  
 Wall mounting kit (9-520 l/s).  
 Quick coupling (DD+ & PD+ only).  
 EWD no-loss electronic drain (DD+ & PD+ only).  
 Voltage-free contact mounted in the differential gauge (not for QD+).

### Certification

Paint compatibility certificate (Fraunhofer Institute).



## Sizing & dimensions

Filter size	Nominal capacity*		Maximal capacity*		Connections G or NPT	Dimensions						Free space for cartridge replacement		Weight	
	l/s	cfm	l/s	cfm		A		B		C		D		kg	lbs
DD+, DDp+, PD+, PDp+, QD+					in	mm	in	mm	in	mm	in	mm	in	kg	lbs
9	9	19	11	23	3/8	90	3.54	61	2.40	268	10.55	75	2.95	1	2.2
17	17	36	21	45	1/2	90	3.54	61	2.40	268	10.55	75	2.95	1.1	2.4
32	32	68	40	85	1/2	90	3.54	61	2.40	323	12.72	75	2.95	1.3	2.9
44	44	93	55	117	3/4 & 1	110	4.33	98.5	3.88	374	14.72	75	2.95	1.9	4.2
60	60	127	75	159	1	110	4.33	98.5	3.88	414	16.3	75	2.95	2.1	4.6
120	120	254	150	318	1-1/2	140	5.51	105	4.13	520	20.47	100	3.94	4.2	9.3
150	150	318	188	399	1-1/2	140	5.51	105	4.13	603	23.47	100	3.94	4.5	9.9
175	175	371	219	464	1-1/2	140	5.51	105	4.13	603	23.47	100	3.94	4.6	10.1
280	280	594	350	742	2 & 2-1/2	179	7.05	121	4.76	689	27.13	150	5.91	6.9	15.2
390	390	827	488	1035	3	210	8.27	128	5.04	791	31.14	200	7.87	11	24.2
520	520	1102	650	1378	3	210	8.27	128	5.04	961	37.83	200	7.87	12.6	27.8

\* Nominal pressure: 7 bar(e)/102 psig; temperature: 20°C/68°F.



# WSD Series

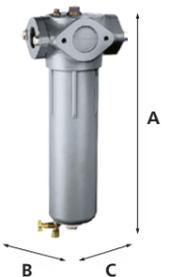
## High-performance water separators

Atlas Copco's WSD prevents condensed water from building up in your air system. The water separator comes as standard with Atlas Copco's aftercoolers and can also be installed at any point in your system.



### Your benefits:

- **A reliable air system** - The corrosion-proof drain prevents condensed water from building up in your air system.
- **Minimal maintenance** - The water separator does not have moving parts and is thus maintenance-free. It comes with an automatic and a manual drain.
- **Energy savings** - The intelligent drain function monitors condensate build-up with liquid level sensors. It drains the condensate only when required to avoid using compressed air inefficiently.
- **Flexible installation** - WSD water separators can be installed at any point in your air net.



## Sizing & dimensions

Type	Capacity range		Maximum working pressure		Connections inlet/outlet	Dimensions						Weight		
	l/s	cfm	bar(e)	psi		A		B		C		kg	lbs	
					mm	inch	mm	inch	mm	inch	mm	inch	kg	lbs
WSD 25	7-60	15-127	20	290	G 1	332	13.0	130	5.1	185	7.3	1.1	2.4	
WSD 80	50-150	106-318	20	290	G 1½	432	17.0	130	5.1	185	7.3	3.5	7.7	
WSD 250	125-350	265-742	20	290	G 2½	532	20.9	160	6.3	230	9.0	12.5	27.6	
WSD 750	300-800	636-1695	20	290	83 mm*	532	20.9	160	6.3	230	9.0	14.0	30.9	

\* Blind flange to be machined up to this diameter.