

Oil-Water Separator

Models | SSEP0032M to SSEP6621

Flow rates 54 Nm³/hr (32 SCFM) to 11250 Nm³/hr (6621 SCFM)

Get the most out of your system with the device that provides optimal filtration and separation to meet and exceed environmental regulations across the globe.

Compact and efficient, the Walker Filtration SmartSep Oil-Water Separator Series is engineered to ensure the highest levels of condensate purity through a multi-stage filtration system.

Its 4,000-hour service interval indicator and Smart Service Overflow Indicator help eliminate costly external service testing and overall maintenance frequency.

Exclusive to SmartSep, the Activated Carbon cartridges allow your system to stay ahead of current and future environmental regulations by eliminating stable emulsions and heavy oil traces for the highest level of condensate purification.

The **SmartSep** Series separates oil and water down to the last drop as low as **5 mg/m³**



Saturation Indicator

Green indicator signals the need to replace the fully saturated polypropylene pre-filter



Overflow Indicator

Red Smart Service Overflow indicator notifies the need to reduce the amount of condensate flow into the device



Test Outlet

Helps verify and monitor filtration performance between service intervals

- **Cost Saving** Extended service periods and environmental compliance helps save money on frequent upkeep and costly violations
- **Simple Service** Sensory overflow indicator, external test valve, and easy to swap polypropylene bags and cartridges save time on overall product maintenance
- **Comprehensive Range** Various sizes and a compact design allow for the perfect fit for your compressed air system
- **Space Saver** Manifold inlets for multiple condensate lines and wall brackets for small systems save space in compressor rooms

For further information please visit www.walkerfiltration.com



For further information please call: **+44 (0) 191 417 7816**

Technical Specification

Model	Max capacity - Mild climate without dryer & filters*			Max capacity - Mild climate with dryer & filters*			Dimensions							Service kit model***
							Depth	Width	Height	Weight		Connections		
	Nm³/hr	l/s	SCFM	Nm³/hr	l/s	SCFM	mm (in)	mm (in)	mm (in)	kg	lbs	Condensate inlet	Water outlet	
SSEP0032M	54	15	32	43	12	25	250 (10)	147 (6)	216 (9)	2.4	5.3	6mm (1/4")**	10mm (3/8")**	-
SSEP0066M	113	31	66	90	25	53	250 (10)	147 (6)	216 (9)	3.0	6.6	6mm (1/4")**	10mm (3/8")**	-
SSEP0132	225	63	132	180	50	106	390 (15)	278 (11)	428 (17)	7.5	16.5	2 x 1/2"	1/2"	SSEPSK0132
SSEP0225	383	106	225	306	85	180	397 (16)	278 (11)	507 (20)	10.8	23.8	2 x 1/2"	1/2"	SSEPSK0225
SSEP0450	765	213	450	612	170	360	490 (19)	396 (16)	576 (23)	17.4	38.4	2 x 1/2"	1/2"	SSEPSK0450
SSEP0795	1350	375	795	1080	300	636	583 (23)	446 (18)	721 (28)	32.4	71.4	2 x 3/4"	3/4"	SSEPSK0795
SSEP1655	2813	781	1655	2250	625	1324	692 (27)	568 (22)	970 (38)	55.9	123.2	2 x 3/4"	3/4"	SSEPSK1655
SSEP3311	5625	1563	3311	4499	1250	2648	975 (38)	782 (31)	1000 (39)	115.0	253.5	2 x 3/4"	3/4"	SSEPSK3311
SSEP6621	11250	3125	6621	8998	2500	5296	2x 975 (38)	2x 782 (31)	2x1000 (39)	240.0	529.1	2 x 3/4"	3/4"	SSEPSK6621

*Rated capacities based upon 12 hour/day operation, 60% relative humidity, ambient temperature of 25°C (77°F) & system operating pressure of 7 barg (100 psig)

**Inlet and outlet connections available in either 6mm and 10mm respectively, or imperial 1/4" and 3/8" respectively. Standard product comes with metric connection. For the imperial option, replace the M designator at the end of the part number with an N - example SSEP0032N.

Correction Factors

Apply correction factors to model capacity above

Relative humidity	%	50	60	70	80	90	-	-
	Correction factor	1.10	1.00	0.85	0.74	0.66	-	-
Ambient temperature °C (°F)	°C (°F)	15 (59)	20 (68)	25 (77)	30 (86)	35 (95)	40 (104)	-
	Correction factor	1.33	1.17	1.00	0.76	0.50	0.30	-
Running hours per day	Hours	12	14	16	18	20	22	24
	Correction factor	1.00	0.86	0.75	0.67	0.60	0.55	0.50

Note: For example, (50% RH = 1.10) x (ambient temp 30°C = 0.76) x (running hours 24 = 0.50) = 0.42 x model capacity = adjusted model capacity



SSEP0032M and SSEP0066M

Single-stage units ideal for space-saving and cost-efficiency



SSEP0132 to SSEP1655

Uses dual-stage filtration technology to remove a range of contaminants



SSEP3311

Utilises multi-stage filtration for heavier condensate flows and further purification



SSEP6621

Comes with a flow divider to split condensate flow between two units

***Service Kits Components (includes 1 of each)

Condensate inlet system	Pre filter system	Fine filter	Miscellaneous parts
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Accessories

SSEPM1	Manifold for models SSEP0132 up to SSEP0450
SSEPM2	Manifold for models SSEP0795 up to SSEP6621
SSEPMBK1	Wall mounting kit (for sizes 54 Nm³/hr - 113 Nm³/hr)



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