



Oil-Water Separator

Models | SSEP0032N to SSEP6621

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

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 and Smart Service Overflow Indicator helps eliminate costly external service testing and overall maintenance frequency.

Exclusive to SmartSep, the Organoclay 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 ppm**



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: **+1 814 836 2900**

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		
	SCFM	l/s	Nm³/hr	SCFM	l/s	Nm³/hr	in (mm)	in (mm)	in (mm)	lbs	kg	Condensate inlet	Water outlet	
SSEP0032N	32	15	54	25	12	43	10 (250)	6 (147)	9 (216)	5.3	2.4	1/4" (6mm)**	3/8" (10mm)**	-
SSEP0066N	66	31	113	53	25	90	10 (250)	6 (147)	9 (216)	6.6	3.0	1/4" (6mm)**	3/8" (10mm)**	-
SSEP0132	132	63	225	106	50	180	15 (390)	11 (278)	17 (428)	16.5	7.5	2 x 1/2"	1/2"	SSEPSK0132
SSEP0225	225	106	383	180	85	306	16 (397)	11 (278)	20 (507)	23.8	10.8	2 x 1/2"	1/2"	SSEPSK0225
SSEP0450	450	213	765	360	170	612	19 (490)	16 (396)	23 (576)	38.4	17.4	2 x 1/2"	1/2"	SSEPSK0450
SSEP0795	795	375	1350	636	300	1080	23 (583)	18 (446)	28 (721)	71.4	32.4	2 x 3/4"	3/4"	SSEPSK0795
SSEP1655	1655	781	2813	1324	625	2250	27 (692)	22 (568)	38 (970)	123.2	55.9	2 x 3/4"	3/4"	SSEPSK1655
SSEP3311	3311	1563	5625	2648	1250	4499	38 (975)	31 (782)	39 (1000)	253.5	115.0	2 x 3/4"	3/4"	SSEPSK3311
SSEP6621	6621	3125	11250	5296	2500	8998	2x38 (975)	2x31 (782)	2x39 (1000)	529.1	240.0	2 x 3/4"	3/4"	SSEPSK6621

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

**Inlet and outlet connections available in either imperial 1/4" and 3/8", respectively or 6mm and 10mm, respectively. Standard product comes with imperial connection. For metric option, replace the N designator at the end of the part number with an M - example SSEP0032M.

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 °F (°C)	°F (°C)	59 (15)	68 (20)	77 (25)	86 (30)	95 (35)	104 (40)	-
	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 86°F = 0.76) x (running hours 24 = 0.50) = 0.42 x model capacity = adjusted model capacity



SSEP0032N and SSEP0066N

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



SSEP0132 to SSEP1655

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



SSEP3311

Utilizes 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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