

S¹

condensate treatment systems

with Sepura STERLING technology

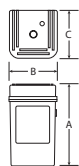


The advanced design of the nano S¹ condensate treatment systems and its STERLING oil absorbing filtration media takes separation technology to a whole new level. No messy carbon bags, no settling tank, no oil collection containers - just clean condensate.

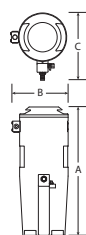
separator model	inlet connection(s)			outlet connection			rated flow ⁽²⁾		dimensions (inches)			approx. weight
	size	type	qty	size	type	qty	scfm	Nm ³ /h	A	B	C	lbs
SEP 60 ST	1/4"	PTC ⁽¹⁾	1	3/8"	PTC ⁽¹⁾	1	60	102	9.4	5.5	5.5	2.9
SEP 120 ST	1/2"	NPT	4	3/4"	NPT	1	120	204	19.7	8.5	10.1	6.0
SEP 360 ST	1/2"	NPT	4	3/4"	NPT	1	360	612	25.8	13.6	11.1	7.9
SEP 900 ST	1/2"	NPT	4	3/4"	NPT	1	900	1529	38.9	17.0	19.5	32.6
SEP 1250 ST	1/2"	NPT	4	3/4"	NPT	1	1250	2124	38.9	19.1	19.5	45.0
SEP 1800 ST	1/2"	NPT	8	3/4"	NPT	1	1800	3058	38.9	38.9	20.5	69.0
SEP 2500 ST	1/2"	NPT	8	3/4"	NPT	1	2500	4248	38.9	43.2	21.5	95.0
SEP 3500 ST	3/4"	NPT	2	3/4"	NPT	1	3500	5947	39.4	39.4	27.6	319
SEP 7000 ST	3/4"	NPT	2	3/4"	NPT	1	7000	11,893	39.4	43.3	43.3	467

specifications	SEP 60 ST	SEP 120 to 2500	SEP 3500	SEP 7000
expected media life ⁽⁴⁾	8000 hours @ 30 cfm 4000 hours @ 60 cfm	4000 hours	16000 hours @ 3500 cfm 8000 hours @ 5000 cfm	16000 hours @ 7000 cfm 8000 hours @ 10,000 cfm
maximum oil carry over	< 20 ppm	< 20 ppm	< 20 ppm	< 20 ppm
warranty	1 year	10 years	2 years	2 years
max condensate inlet pressure	232 psig	232 psig	232 psig	232 psig
inlet condensate temperature range	35 to 110°F	35 to 110°F	35 to 110°F	35 to 110°F

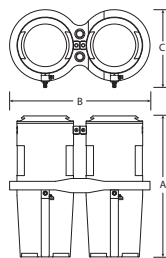
- (1) push to connect
- (2) sizing assumes an oil flooded compressor using mineral or synthetic lubricant with a maximum oil carry-over of 5 mg/m³ or less from the compressor
- (3) media life decreases with increased condensate flow. For media life estimates at other flow rates contact support@n-psi.com
- (4) for use with PAG compressor lubricants contact nano technical support at support@n-psi.com



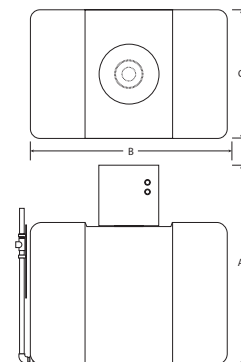
SEP 60 ST



SEP 120 to 1250 ST



SEP 1800 & 2500 ST



SEP 3500 & 7000 ST

Traditional oil water separators use activated carbon which is messy and requires pre-soaking, a long contact time and frequent replacement. The nano Sepura range is a new approach to oil water separation using a new, advanced, proprietary, non-carbon based media that attracts oil and repels water - it's as simple as that.