

SEP 60 ST - SEP 7000 ST

Sepura STERLING oil water separators

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.



model	SEP 60 ST	SEP 120 ST	SEP 360 ST	SEP 900 ST	SEP 1250 ST	SEP 1800 ST	SEP 2500 ST	SEP 3500 ST	SEP 7000 ST
rated capacity (scfm) ⁽²⁾	60	120	360	900	1250	1800	2500	3500	7000
expected oil carry over (new)	< 5 ppm	< 5 ppm	< 5 ppm	< 5 ppm	< 5 ppm	< 5 ppm	< 5 ppm	< 5 ppm	< 5 ppm
maximum oil carry over	< 20 ppm	< 20 ppm	< 20 ppm	< 20 ppm	< 20 ppm	< 20 ppm	< 20 ppm	< 20 ppm	< 20 ppm
expected media life ⁽³⁾	4000 hours	4000 hours	4000 hours	4000 hours	4000 hours	5000 hours	5000 hours	16000 hours	16000 hours
maximum working pressure	232 psig	232 psig	232 psig	232 psig	232 psig	232 psig	232 psig	232 psig	232 psig
minimum inlet temperature	35°F	35°F	35°F	35°F	35°F	35°F	35°F	35°F	35°F
maximum inlet temperature	110°F	110°F	110°F	110°F	110°F	110°F	110°F	110°F	110°F
inlet connection(s) NPT/PTC ⁽¹⁾	1 x ¼" ⁽¹⁾	4 x ½"	4 x ½"	4 x ½"	4 x ½"	8 x ½"	8 x ½"	2 x ¾"	2 x ¾"
outlet connection(s) NPT/PTC ⁽¹⁾	¾" ⁽¹⁾	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"
prefiltration media	polypropylene	polypropylene	polypropylene	polypropylene	polypropylene	polypropylene	polypropylene	polypropylene	polypropylene
polishing media	STERLING	STERLING	STERLING	STERLING	STERLING	STERLING	STERLING	STERLING	STERLING
housing warranty	1 year	10 years	10 years	10 years	10 years	10 years	10 years	2 years	2 years

(1) inlet and outlet connections on the SEP 60 ST are push to connect. All other models are NPT threaded
 (2) sizing assumes an oil flooded compressor using mineral or synthetic lubricant with a maximum oil carry-over of 5 mg/m³ or less
 (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 n-psi technical support or email support@n-psi.com

features & benefits

- advanced STERLING filter media
- unrivaled performance
- easy to size based on air or gas flow
- easy to install - no pre-soaking of media bags
- easy to maintain
- lower life cycle costs - long media life and simplified performance
- space saving - smaller footprint for easier installation
- environmentally friendly recycled materials
- treatment for systems up to 10,000 scfm with a single unit
- high quality construction - single piece molded body 100% tested for zero leaks
- designed for tough Industrial settings

nano-purification solutions llc
 charlotte, north carolina
 united states

nano-purification solutions
 st. catharines, ontario
 canada

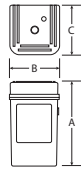
nano-purification solutions ltd
 gateshead, tyne and wear
 united kingdom

tel: 704.897.2182
 fax: 704.897.2183
 email: support@n-psi.com
 web: www.n-psi.com

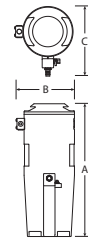
technical specification

model	SEP 60 ST	SEP 120 ST	SEP 360 ST	SEP 900 ST	SEP 1250 ST	SEP 1800 ST	SEP 2500 ST	SEP 3500 ST	SEP 7000 ST
height (ins) (A)	9.4	19.7	25.8	38.9	40.0	38.9	40.0	53.0	60.0
width (ins) (B)	5.5	8.5	13.6	17.0	19.7	38.9	44.0	50.0	50.0
depth (ins) (C)	5.5	10.1	11.1	19.5	20.4	20.5	27.9	31.5	39.0
weight (lbs)	2.9	6.0	7.9	32.6	45.0	69.0	95.0	319.0	467.0

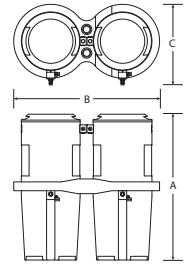
experience



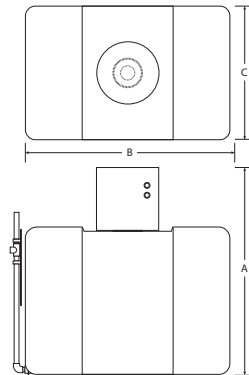
SEP 60 ST



SEP 120 to 1250 ST



SEP 1800 & 2500 ST



SEP 3500 & 7000 ST