

S-Series 1 Incline Sand Separator

ACRO

Everfilt's S-1 Series (Incline) centrifugal sand separators are constructed from carbon steel, and finished in a UV resistant, two-part epoxy finish. Most commonly used when removing suspended solids or inorganic materials down to **80 microns**. Designed around projects where flow rates range from **200-7800 GPM** and adaptable features such as, fully adjustable legs, flanged lid, and carbon steel skids for easy maneuverability. Rated for up-to: **150 PSI**.

Designed with minimal moving components, ensures low-maintenance requirements and reduced operational cost. Industry exclusive **E-Flow Design™**, accelerates incoming fluid for better solids separation and maximum performance.



*Carbon Steel Mounting Platform Optional



Key Features

1. Made in the U.S.A.
2. Industry Exclusive E-Flow Design™
3. Large Flanged Inspection Port
4. UV Resistant 2-Part Epoxy Finish
5. Mounting Platform & Stand

Ideal Industries

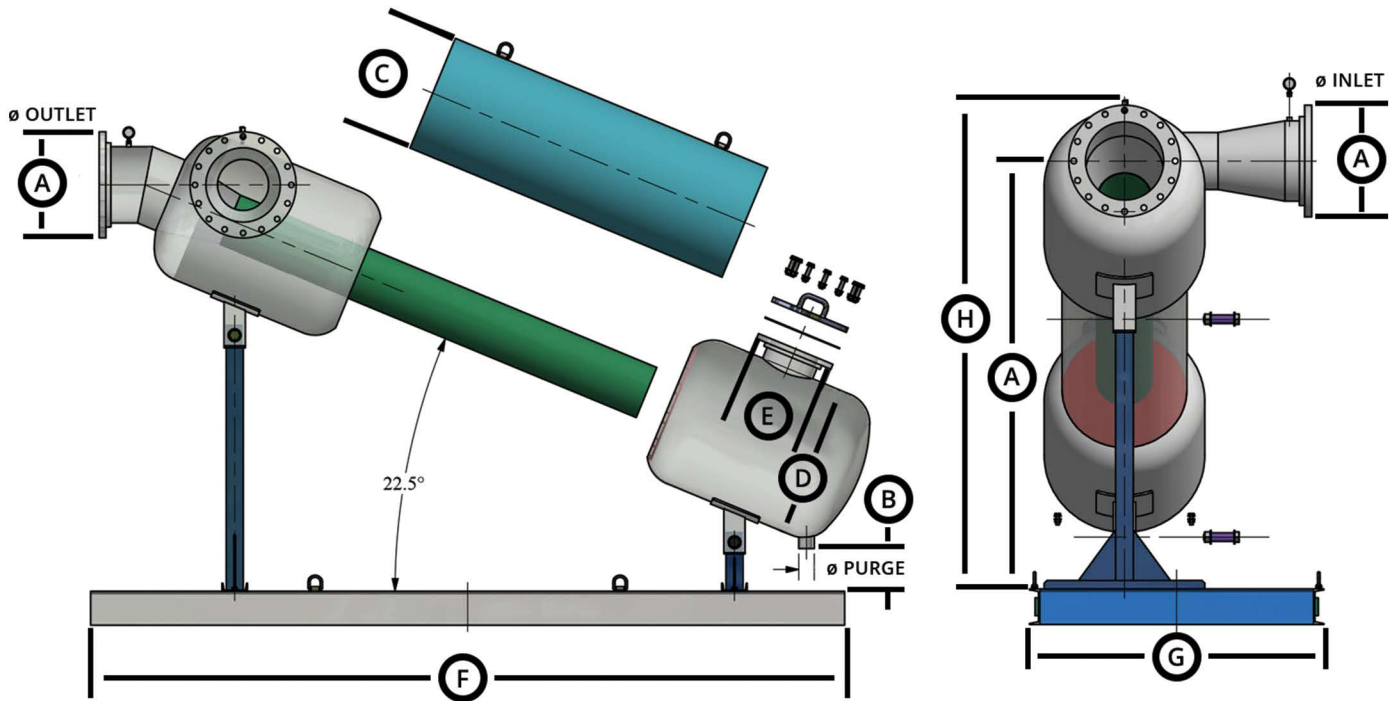
- Agriculture
- Oil & Gas
- Processing
- Dewatering
- Industrial
- Mining
- Fisheries
- Wells & Lagoons



S-Series 1 Incline Sand Separator

Everfilt's Industry Exclusive **E-Flow Design™**, accelerates incoming fluid for better solids separation and maximum performance. Whether you're adding the S-Series Incline Sand Separator as a pre-filter to an existing filter system or a new project, rest assured the S-1 Series Incline Sand Separator will provide exceptional results, while prolonging the life of your filter system from premature wear caused by excessive sand or silt present.

The (S-1) Incline Sand Separator is designed as an incline, agricultural sand separator with various sizing options. *(ask about our (S-2) Industrial Incline Sand Separators).*



S1-45I-AGR MODEL SHOWN
 *I = Incline | AGR = Agro

MODEL	A	B	C	D	E	F	G	H
S1-15I-AGR	4"F - 47"	2"D - 11.75"	6"D	12"D	6"FLG	90"	46"	55"
S1-25I-AGR	6"F - 60"	2"D - 14.37"	10"D	16"D	6"FLG	108"	48"	69"
S1-35I-AGR	8"F - 63"	2"D - 14.00"	12"D	18"D	6"FLG	120"	50"	73"
S1-45I-AGR	10"F - 70"	2"D - 13.00"	16"D	22"D	6"FLG	132"	54"	80"
S1-55I-AGR	12"F - 79"	2"D - 14.12"	18"D	26"D	6"FLG	144"	54"	81"
S1-65I-AGR	14"F - 78"	3"D - 13.25"	18"D	28"D	8"FLG	144"	60"	90"
S1-75I-AGR	16"F - 90"	3"D - 13.25"	22"D	30"D	10"FLG	168"	60"	103"
S1-85I-AGR	18"F - 96"	3"D - 10.00"	28"D	36"D	12"FLG	178"	66"	110"

LEGEND

- A - INL/OUT ELEVATION
- B - PURGE ELEVATION
- C - SHELL DIAMETER
- D - TOP/BTM BELLOW
- E - MANHOLE
- F - SKID LENGTH
- G - SKID WIDTH
- H - TOTAL CLEARANCE

S-Series 1 Incline Sand Separator

Recommended Maximum Pressure = 150 PSI

Sludge capacity is **75% volume of head**, for not running interference with the reflector plate between purge cycles.

S-SERIES¹
 CARBON STEEL SAND SEPARATOR
 WWW.EVERFILT.COM



Available Options

- Stand or Wall Mounts
- ASME Code
- Industry Specific Finishes & Coatings
- 304SS & 316SS Options
- Custom Sizes for Higher Flow Rates
- Skid-Mounted
- Manifold & Pump Kits
- Manual or Electro Ball Valve

Flow Specifications

MODEL	INL - OUT DIA	PURGE DIA	FLOW GPM	FLOW CuM/H	SLUDGE CAP GAL	SLUDGE CAP LTR	HEAD GAL	MAX PSI	WEIGHT LBS.	WEIGHT Kg
S1-15I-AGR	4"FLG	2" FPT	200 to 400	45 to 90	0.74G	2.80L	12" - 7.43G	150	412	187Kg
S1-25I-AGR	6"FLG	2" FPT	365 to 960	83 to 218	1.69G	6.40L	16" - 16.90G	150	658	298Kg
S1-35I-AGR	8"FLG	2" FPT	800 to 1600	181 to 363	2.36G	8.93L	18" - 23.60G	150	883	400Kg
S1-45I-AGR	10"FLG	2" FPT	1300 to 2300	295 to 522	4.03G	15.26L	22" - 40.24G	150	1082	491Kg
S1-55I-AGR	12"FLG	2" FPT	2025 to 3400	460 to 722	5.67G	21.46L	26" - 73.26G	150	1440	653Kg
S1-65I-AGR	14"FLG	3" FPT	2975 to 5000	676 to 1136	6.41G	24.26L	28" - 85.55G	150	1586	719Kg
S1-75I-AGR	16"FLG	3" FPT	4000 to 6200	908 to 1408	8.69G	32.90L	30" - 115.98G	150	2148	974Kg
S1-85I-AGR	18"FLG	3" FPT	5000 to 7800	1136 to 1772	14.50G	54.88L	36" - 193.38G	150	2873	1303Kg