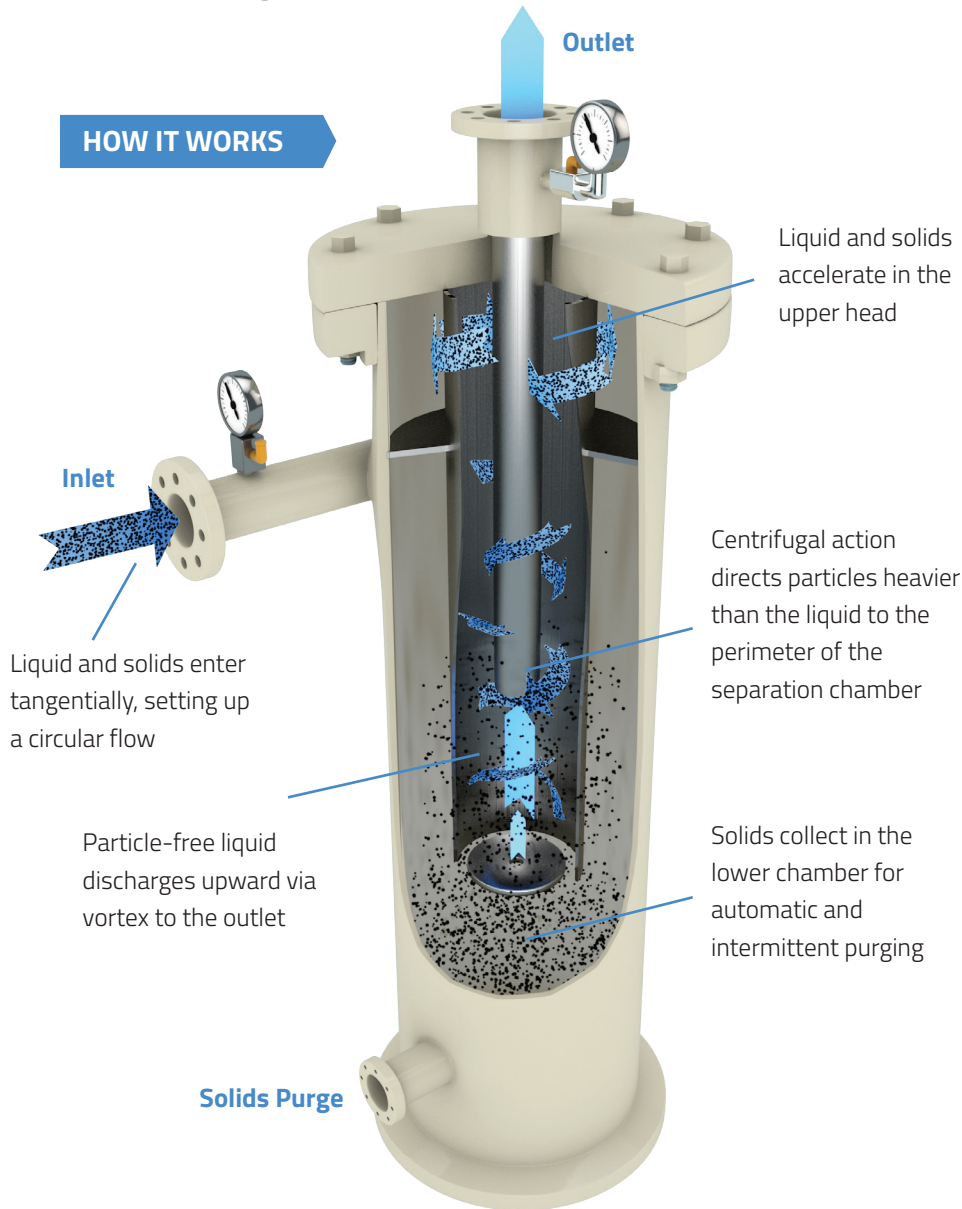


Separon™ Desander

Solids Handling

HOW IT WORKS



KEY BENEFITS

Cost Saving

- No moving parts saves maintenance time and costs
- No liners, screens, or filter elements to clean or replace

Better Performance

- No backwashing eliminates additional treatment and allows reclaiming of valuable fluids
- Enhanced internal accelerating slots for optimum solids-removal without emulsification

High Flexibility

- Designed to handle slugging, upset conditions, and high solids loading
- Choice of profiles to accommodate space and piping limitations
- Available as standalone equipment or complete skid packages

Separon™ Desanders are designed for bulk solids removal. Used for a wide range of offshore and onshore applications, these systems take on the dirtiest challenges and keep fluid streams free of troublesome solids. With a 2:1 turndown ratio, single units are available for flow rates ranging from 100 to 450,000 BPD.

STANDARD FEATURES

- ANSI flanged inlet and outlet connections
- Designed to ASME (section VIII, Div I), ANSI, CRN, PED, and NACE industry standards

MATERIALS OF CONSTRUCTION

- Vessel: Carbon Steel or 316L Stainless Steel or Duplex Stainless Steel
- Interior: SS316L Spiral Wound Gaskets with Graphite Filled SS Centering and Inner Ring

COMMON APPLICATIONS

- Pipeline Flushing and Testing
- FWKO
- SAGD
- Secondary Recovery
- Frac Water
- Wellstream Desanding
- Seawater
- Disposal Wells

Separon™ Desander

Solids Handling

GENERAL SPECIFICATIONS

Model Capacity	Flow Range		Inlet/Outlet in	Purge Size in	Collection Chamber Capacity		Weight		Weight w/ Water	
	bbld	m ³ /hr			gal	liters	lbs	kg	lbs	kg
Separon-0015	2,200-3,800	15-25	2	2	0.8	3	150	68	221	101
Separon-0020	3,000-5,400	20-35	2.5	2	0.8	3	194	88	278	126
Separon-0030	4,600-8,400	31-55	3	2	0.8	3	202	92	290	132
Separon-0045	7,000-12,000	47-79	4	2	1.6	6.1	327	149	507	231
Separon-0065	9,900-19,900	66-131	4	2	5.4	20.5	474	256	758	345
Separon-0100	15,500-31,000	103-205	6	2	6.7	25.4	697	378	1132	525
Separon-0150	22,700-45,400	151-300	6	2	10.4	39.4	898	413	1554	706
Separon-0185	35,000-63,000	232-417	8	2	14	53	1,200	544	2,266	1,028
Separon-0265	41,000-81,300	272-538	8	2	20.5	77.6	1,411	641	2,665	1,211

EFFICIENCIES

Expected performance for most produced water applications is **98%** for 74 micron and larger particles.

NOTES

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