

SilverSeparator™



Revolutionary Multiphase Flow Regime Separator: Packerless, High-Performance, and Downhole-Safe, Maximizing Gas and Solids Separation Capacity.

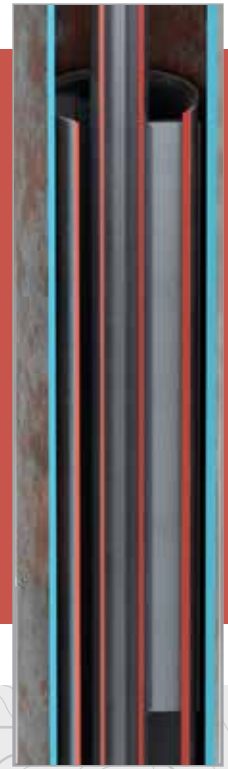
Solids Weir

The integrated solids weir channels all sand, trash and other solids down an extended plate past the intake tube.



Extended Intake

A large annulus space is now a deceleration zone allowing fluid to enter the top of the separator creating a reverse flow condition preventing slugging and churn flows.



For use in wells that present:

- Excessive pump gas interference with poor pump efficiency
- High gas rates and annular fluid levels
- Solids issues, foamy fluids, and slugging flow conditions



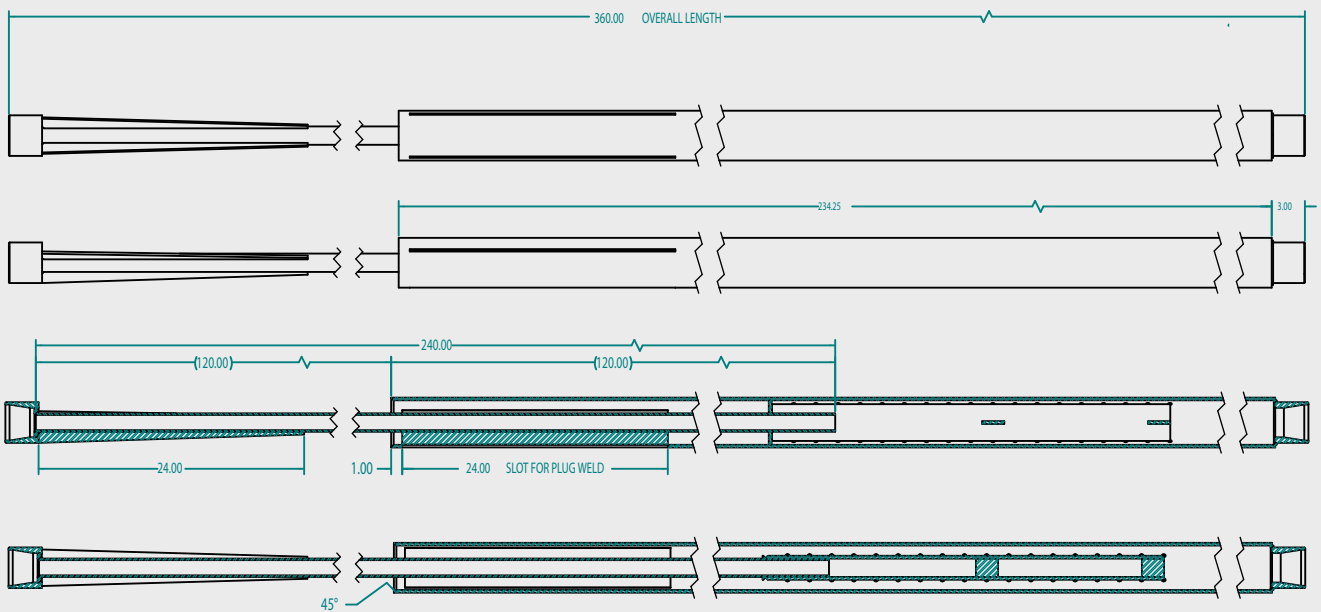
SilverSeparator Details



Separator Specifications

| Product | 3.5x30 | 4.5x30 | 5.5x30 |
|--|---|---------------|---------------|
| Casing Size, in [mm] | 4.5 [114.3] | 5.5 [139.7] | 7 [177.8] |
| Top Connection | 2-3/8"EUE | 2-7/8"EUE | 2-7/8"EUE |
| Bottom Connection | 2-3/8"EUE | 2-7/8"EUE | 2-7/8"EUE |
| Outside Diameter, in [mm] | 3.5 [88.9] | 4.5 [114.3] | 5.563 [139.7] |
| Dip Tube ID, in [mm] | .957 [24.31] | 1.278 [32.46] | 1.5 [38.1] |
| Tensile Rating, klbs _f [kdaN] | 47 [20.9] | 47 [20.9] | 47 [20.9] |
| Maximum Capacities* (at gas volume fractions >20% and non-foamy fluids) | | | |
| Liquid bbl/day [m ³ /day] | 599 [95] | 913 [145] | 1549 [246] |
| Gas mscf/day [e ³ m ³ /day] | 870 [25] | 1500 [42.5] | 2900 [82] |
| Separator Material | SCH-80, Collars are machined L80 | | |
| Optional Coatings | ENC (scale and corrosion), Teflon (scale) | | |

Dimensions



For more information contact: sales@silverenergy.com