



PREMIUM SAND PURGING ROD PUMP GAS SEPARATOR

The Premium Sand Purging Rod Pump Gas Separator is similar in design to our Rod Pump Gas Separator with an added feature that allows it to be installed in high sediment wells.

In Rod Pumping wells, the function of the Premium Sand Purging Rod Pump Gas Separator is to allow any sand or sediment that has accumulated in the separation chamber to be periodically flushed.

The Premium Sand Purging Rod Pump Gas Separator can also be used in conjunction with PC Pump Gas Separators in wells where large gas bubbles can cause PC Pumps to burn. The Sand Purging Gas Separator will act as a reservoir of liquids to lubricate PC Pumps allowing the large gas bubbles in the annulus to pass by.

When the PC Pump is stopped, back flow from the tubing will open the check valve in the Sand Purging Gas Separator allowing sand and sediment to be flushed from the separation chamber.

As with our Rod Pump Gas Separators, the Sand Purging Rod Pump Gas Separator is also offered with a Stainless Steel Housing instead of regular steel. The Stainless Steel housing offers extra protection in highly corrosive environments.

Minimum Casing Size		Maximum OD		Connections EU*		Production Volumes	
inch	mm	inch	mm	inch	mm	BPD	m ³ /day
4 1/2"	114.3	3.25"	82.6	2 7/8"	73.0	189	30
5 1/2"	139.7	4.25"	108.0	2 7/8"	73.0	377	60
7"	177.8	5.25"	133.4	2 7/8"	73.0	566	90
7"	177.8	5.25"	133.4	3 1/2"	88.9	566	90

Patent Pending

*Premium ALS is pleased to offer other connection sizes and types