



PREMIUM WEIGHTED INTAKE ROD PUMP GAS SEPARATOR

The Premium Weighted Intake Rod Pump Gas Separator is similar to our Rod Pump Gas Separator with an added feature that allows it to be installed in highly deviated Rod Pumping wells. The Weighted Intake Rod Pump Gas Separator has slots cut into the top of the housing rather than top sub ports and these slots allow free inflow of the fluid mixture and exhaust of the separated gas.

Installed on the flow tube inside the housing is a weighted intake sub that orients the fluid intake to the bottom of the housing, ensuring only fluids are drawn into the pump, regardless of the gas separator angle or position.

Where higher production volumes are required, we also manufacture an "Extended Volume" Weighted Intake Rod Pump Gas Separator. These extended versions will double the production volumes noted on the chart.

Also, the Weighted Intake Rod Pump Gas Separator can be made with a special tubing connector that allows a length of tubing (or more if needed) to be attached to the bottom of the tool to act as a cellar for debris such as sand or coal fines.

The Weighted Intake Rod Pump Gas Separator is also offered with Stainless Steel Housings as well as 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 3/8"	60.3	189	30
4 1/2"	114.3	3.25"	82.6	2 3/8"	60.3	377	60
5 1/2"	139.7	4.25"	108.0	2 7/8"/3 1/2"	73.0/88.9	377	60
5 1/2"	139.7	4.25"	108.0	2 7/8"/3 1/2"	73.0/88.9	754	120
7"	177.8	5.25"	133.4	2 7/8"/3 1/2"	73.0/88.9	565	90
7"	177.8	5.25"	133.4	2 7/8"/3 1/2"	73.0/88.9	1131	180

Patent Pending

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