



PREMIUM SPIRAL JET (PSJ) PC PUMP GAS SEPARATOR

The Premium Spiral Jet (PSJ) PC Pump Gas Separator offers significant improvements to the gas separation of fluid prior to entering progressive cavity pumping systems.

Some of the main features are:

1. Improved inlet configuration that enhances the breakdown of sand and heavy oil clumps
2. Improved gas separation through increased velocity
3. Circular spiral flow passages eliminate turbulence and help to organize the flow for increased separation
4. Improved gas exhaust system ensures that separated gas will not remix with fluids about to enter the progressive cavity pump
5. Slimhole design for more annular space
6. Due to the improved inlet configuration, the PSJ Gas Separator will act with the same efficiency in both light oil and heavy oil applications

Minimum Casing Size		Maximum OD		Connections EU*	
inch	mm	inch	mm	inch	mm
4"	101.6	3.00"	76.2	2 3/8"	60.3
4 1/2"	114.3	3.50"	88.9	2 3/8"	60.3
4 1/2"	114.3	3.50"	88.9	2 7/8"	73.0
5"	127.0	3.63"	92.2	2 3/8"	60.3
5"	127.0	3.63"	92.2	2 7/8"	73.0
5 1/2"	139.7	4.00"	101.6	2 7/8"	73.0
5 1/2"	139.7	4.25"	108.0	3 1/2"	88.9
7"	177.8	5.00"	127.0	2 7/8"	73.0
7"	177.8	5.00"	127.0	3 1/2"	88.9
7"	177.8	5.25"	133.4	4 1/2"	114.3
9 5/8"	244.5	6.50"	165.1	3 1/2"	88.9
9 5/8"	244.5	6.50"	165.1	4 1/2"	114.3
9 5/8"	244.5	6.50"	165.1	5 1/2"	139.7

Alternative connections and specially engineered sizes are available upon request

Patent Pending