



Oil Tools

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VENTURI JUNK BASKETS



The Venturi Junk Basket is a tool which is used to retrieve junk and debris out of the wellbore. When fluid is pumped through the string of the coiled tubing and out through the nozzles in the venturi chamber, a vacuum is created in the venturi chamber. Fluid is sucked from the bottom of the tool exit back through the venturi tubes. Most of this fluid mixes with the pressurized fluid to be re-circulated around the bottom of the tool.

The tool is essentially a high powered vacuum cleaner that may be used with fluid, nitrogenated fluids or gases. The nozzles in the tool are simply changed out for the available pump rate, fluid or gas. A debris filter screen is placed before the venturi chamber to prevent debris from blocking the venturi tubes.

A hollow magnetic section with a finger type trap catches junk and debris, which is then carried from the well inside the tool.

Barrel extensions are available to increase the volume of junk which may be carried. The tool is not dependant on hole size to work, so for example, you could use a 38" OD tool to retrieve debris from 7" casing.

SERVA Specification Guide Venturi Junk Basket

Max OD (in)	Number of Venturi Nozzles	Injection Nozzles Available (in)	Thread	Part Number
2.062	2	0.094; 0.109	1.5" AMMT	2104206322
2.125	2	0.125; 0.140	1.5" AMMT	2104212322
3.125	3	0.187	2 3/8" PAC	2104312322

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