

VENTURI JET JUNK BASKET

APPLICATION

- Wellbore clean out runs
- Sand/fill removal
- Small object retrieval

FEATURES

- Simple robust construction
- Interchangeable Nozzles and Filter
- Dual Finger Cages as standard
- Low maintenance design
- Numerous tool configurations and lengths possible
- Easily redressed

ADDITIONAL INFORMATION

- Common sizes are shown, other sizes available on request.
- Tools are manufactured from mild steel as standard. Other materials are available on request.
- Bespoke designs available to suit job specific applications.
- Various other extension lengths are available.

The WellEnTech Venturi Jet Junk Basket is a device used for the removal and containment of well bore debris. The tool design which, in effect, vacuums debris from a well bore includes Dual Finger Cages at the bottom end of the assembly to trap debris within the body of the tool and a Filter at the top to prevent the re-circulation of the contained debris. The powerful suction generated can pick up objects such as pulling tool fingers, pins, grapples, screws etc. The tool design incorporates two step threads and is therefore robust enough to have washover shoes fitted to the lower thread.

TECHNICAL SPECIFICATION

OD (Inches)	Length (Inches)	Connection	Tensile Strength (lbs)	Service	Part No.
1.688	28.00 *	1"AMMT Box	53,200	H2S	230-1688-A001
			73,100	Std.	230-1688-A002
2.063	35.00 *	1-1/2"AMMT Box	84,700	H2S	230-2063-A001
			95,100	Std.	230-2063-A002
2.625	37.25 *	1-1/2"AMMT Box	93,100	H2S	230-2625-A001
			128,000	Std.	230-2625-A002
3.125	42.50 *	2-3/8" PAC Box	114,000	H2S	230-3125-A001
			156,700	Std.	230-3125-A002
4.500	118.50 **	NC38 Box	121,400	H2S	230-4500-A001
			167,000	Std.	230-4500-A002
5.500	132.63 **	NC38 Box	125,100	H2S	230-5500-A001
			172,100	Std.	230-5500-A002
8.125	136.63 **	NC50 Box	271,900	H2S	230-8125-A001
			373,900	Std.	230-8125-A002

OPERATION

The WellEnTech Venturi Jet Junk Basket is run in hole to the required depth and is operated by flowing down through the tool. The fluid flow through the Nozzles, creates a pressure drop at the exit point immediately downstream of the Nozzle. The fluid down stream then equalises with the fluid exiting from the Nozzles inducing a circulation of fluid through the tool producing a suction effect. The effective suction force can be adjusted by altering the Nozzle sizes which can be achieved without the need to strip the tool. The amount of debris collected is determined by the length of Extensions ran and the size of debris collected is governed by the size of Filter fitted within the tool.

