

The Stanley Downhole Gas Separator

STANLEY FILTER COMPANY



The Stanley Downhole Gas Separator is designed to provide a high efficiency gas separator with no moving parts. This is accomplished with the "Eccentric-Vein" outer case. The veins in the outer case have a unique saw tooth pattern. The size, quantity and design of the veins give this tool low pressure drops at high volumes of fluid. The gas is separated by the outer case as opposed to a conventional "Poor-Boy" where gas is separated inside the tool.



SN-1.375 Strainer Nipple

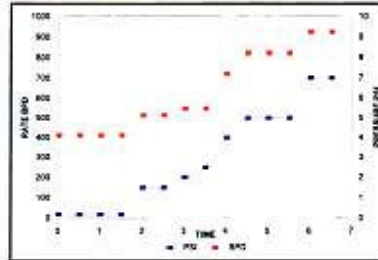
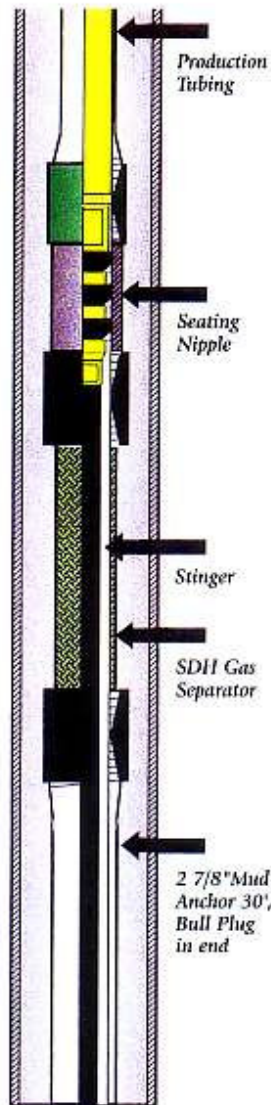


Learning from the past...Preparing for the future

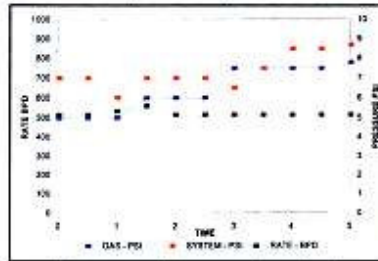
The Stanley Gas Separator Information

Product	Length	Weight	O.D.	I.D.	Connection
GS-3.0	76"	32 Lbs.	3.1"	1.875"	2-3/8"
GS-3.5	76"	44 Lbs.	3.5"	1.995"	2-3/8"
GS-3.5A	76"	45 Lbs.	3.5"	1.995"	2-7/8"
GS-4.0	76"	52 Lbs.	4.0"	2.375"	2-7/8"
GS-5.0	132"	125 Lbs.	5.0"	3.5"	3-1/2"

High-Temperature models numbers—GSHT



Pressure drop across the separator



System pressure during water and gas injection

Flow data provided by STEIM-LAB, INC.,
Duncan, Oklahoma

All models of GS separators have an inner mandrel of steel and steel adapters. The standard weave pattern is .05". With approximately 10 openings per square inch the separator produces low pressure drops and is resistant to plugging.

Temperature ratings for models GS is 180°F max. Model GSHT is 300°F max.

For more information about the Stanley Filter Gas Separator, contact:

Stanley Filter Company LLC
10061 E. 52nd St.
Tulsa, OK 74146
1-800-545-9926

See us on the web: stanleyfilter.com

Gas Separator Installation

The SDH gas separator should be installed below the seating nipple. A random 30' joint of tubing, Mud Anchor, is attached to the bottom of the separator. Use a 21' joint of standard black pipe for the dip tube. The mud anchor should be plugged at the bottom.

For best results we recommend a tubing anchor above the pump. If a tubing anchor can not be installed then we recommend the use of tubing centralizers above and below the separator.



*Learning from the past...
Preparing for the future*