

## Mud Gas Separator - MSG

### MUD GAS SEPARATORS

#### 30" Example

30" Mud Gas Separator is a self contained unit that allows for easy mobilization. It is ideal for use where drilling is likely to encounter large volumes of gas, sour gas or when an operator is drilling with an under-balanced mud column.

The MUD GAS SEPARATOR is primarily used to separate and safely vent from the active mud system large pockets of free gas that may include toxic gases such as hydrogen sulphide.



30" diameter by 108" seam to seam vessel equipped with internal baffles, 3" mud inlet, 8" mud outlet with "J" tube design

Manages approximately 650 GPM, 7.6 MMSCF/Day, and 22,286 BBL/Day. Unit is designed to mount on top of the tank and secured into position. This allows the unit to be lowered to the bottom of the mud tank for transportation.

**Note:** MGS can be manufactured in accordance with the following - ASME Section VIII, Division I for Lethal Service and NACE - MR0175 for H2S Service, PED and NORSOK. Maximum operating pressure is 125psi at 350 deg F Minimum operating temperature is -58 deg F

CE Conformity - Directive 97/23/EC & Directive 97/23/EC

Standard Dimensions

Height: 8'5" Weight: 2650 lbs.

### CONNECTIONS

- 1.N1 MUD INLET / INSPECTION 6 150 ANSI RF
- 2.N2 GAS DISCHARGE / INSPECTION 8 150 ANSI RF
- 3.N3 MUD DISCHARGE / INSPECTION 8 150 ANSI RF
- 4.N4 SENSOR PORT / INSPECTION 2 150 ANSI RF
- 5.N5 MUD INLET 2 15,000 FIG 1502 or 2202 as required

RSSUS can supply Vertical and Horizontal Separators to suite each customers individual requirements.

Please contact us to discuss your particular needs a member of our technical team will be happy to assist.

**Toll Free: 1 866 447 8777**