

15,000 PSI Sand Filter RS H₂S



Key Features

- Modular and rugged filter design
- Standard 200 micron filter cartridge supplied
- Annular flow and sand storage
- Safe and quick cleaning features
- Vertically positioned gate valves (to avoid gate obstruction)
- Fitted with back up valves
- Frame built to DNV 2.7-1
- H₂S Service
- Built in Lifting Beam for cartridge removal and replacement
- Dedicated service and support container

Description

Centurion Power & Equipment rental fleet of sand filtration units are provided to enhance the well test packages in common use in the oil and gas industry. They improve well analysis during testing operations through the effective removal of sand and other solids from the well fluids.

The sand filters consist of two vertical pots, each holding an inner filter cartridge. The pots can be controlled individually to allow single or dual usage. The pots are primarily used in a duty and standby mode whereby one pot is operational while the second pot is being cleaned.

Each sand filter is supplied with its own container, which holds sand skip and additional filter elements.

Options

- 50 / 800 micron filter elements
- Additional valves
- Connection Cross Overs
- Experienced offshore service technician(s) for operational and maintenance assistance
- Spares available on request



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Technical Specifications

Performance	
Capacity – Max Dry Gas Flow	50 Mmscf/d
Capacity – Max Liquid Flow	5,000 bbls/d
Working Pressure	15,000 PSIG, 1,034.21 barg
Design Temperature	-29°C to +121°C
Max Advisable Delta P Screen	25 barg / 360 PSIG
Volume Filter Screen	47 litre
Inlet	3" fig. 2202 female Hammer Union
Outlet	3" fig. 2202 male Hammer Union
Internal Connections	Flanged 3.1/16" x 15.000
Lifting Specification, Weights & Dimensions	
Lifting Spec	DNV 2.7-1
Length (transport)	4,300 mm
Width (transport)	2,500 mm
Height (transport)	2,650 mm
Length (Op)	2,500 mm
Width (Op)	2,500 mm
Height (Op)	7,100 mm
Weight (kg dry)	15,000 kg
Screen std length	2,250 mm
Std screen size	200 micron
Equivalent flow area	700 cm ²
Burst pressure screen	190 barg

Note: This unit is normally transported on its side.

Note: The above referred specifications are our minimum standard and for guidance purposes only. For Sand Filter specific information applicable to comply with regional standards, please consult your local Centurion Power & Equipment representative.

For more information on Heat Exchangers, please contact your local Centurion Power & Equipment representative or email us at CPEUK@centuriongroup.co.uk.

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