

Dual Pod Sand Filter

SURFACE EQUIPMENT

Overview

The TETRA Dual Pod Sand Filter is designed to remove and capture well stream solids, during production, of particles greater than 75 microns, at flow rates of up to 100 MMSCF/D and 10,000 BPD liquids.

The system permits continuous flow by utilizing dual pods allowing flow to be diverted through one screen while the other is emptied and cleaned. The process to flush and clean the pod is simplified as no dismantling is required. The solids can be quantified, once the system is flushed with high pressure water and drained through a choke to a collection tank.

Applications

- Onshore and offshore operations
- Proppant removal from gas/condensate wells
- Well cleanup operations
- Increase production with sand free rates
- Production from unconsolidated formations
- Solids management for early production and extended appraisal tests
- Wellsite intervention services

Features and Benefits

- Dual pod for continuous flow
- Flow is directed through the filter from inside to out
- Pods can be flushed of solids without the need to dismantle
- High differential pressure
- Integral bypass feature
- All API flanged connections
- API 6A, NACE and DNV compliant
- Protects downstream process equipment from abrasive damage
- Reduces wash outs in piping systems





Equipment Specifications - Dual Pod Sand Filter

Maximum Allowance Working Pressure (psig)	10,000
Temp. Range (°F)	-20/350
Specs	API 6A PSL 2, 3 NACE MR01-75
Inlet	4"
Outlet	4"
Flow Rate Gas (mm/scf/d)	100
Flow Rate Liquid (bbl/d)	10,000
Dimensions* (L x W x H)	8'x 9'x 24'
Weight (lbs)	62,000

Note: Two full assemblies are required for a dual-pod vertical filter system. When assembled, kit is 16' x 18' x 24'.

DNV 2.7-1 structural can be provided on request.

*Dimensions: (L x W x H) x 2 = Footprint