

DIMENSIONS

Height: 3280 mm
Width: 2000 mm
Depth: 2000 mm
Weight: 8500 kg

MATERIALS

Pressure vessel: Duplex UNS 31803
Valves: Stainless AISI 410 / AISI 316
Pipes: Duplex UNS 31803
Frame: Carbon steel (S355)

CERTIFICATIONS

NACE MR0175
 PED 97/23/EC | CE
 Norsok Z-015, ZONE II
 DNV 2.7-3 Portable Offshore Units
 API 6A
 ASME B16.34

CAPACITY*

Maximum flow rate (fluid):
 3168 m³/day (30 barg, 80 °C)
Maximum flow rate (gas):
 250 000 Sm³/day (30 barg, 80 °C)
Maximum sand rate: 200 kg/hrs
Pressure drop: 1 bar
Smallest particle size: 20 micron
 * depends on application

TEMPERATURE

Min. operating temperature: -28 °C
Max. operating temperature: + 120 °C

5K DUALFLOW UNIT

The leading solids removal solution on the market

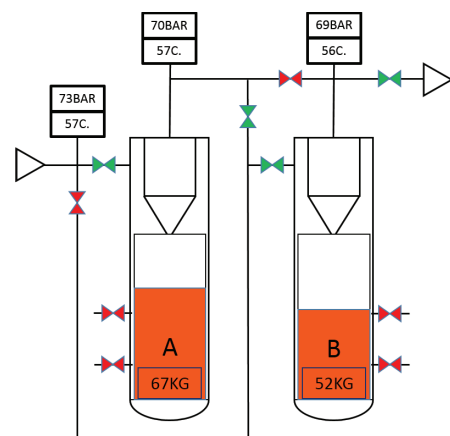
The DualFlow 5K unit uses next generation cyclone technology that was developed and engineered by FourPhase and is the leading solids removal solution on the market. The DualFlow is used in surface applications where solids might be present during production, intervention clean-up, kick-starting wells or well test applications. 10K units are available upon request.

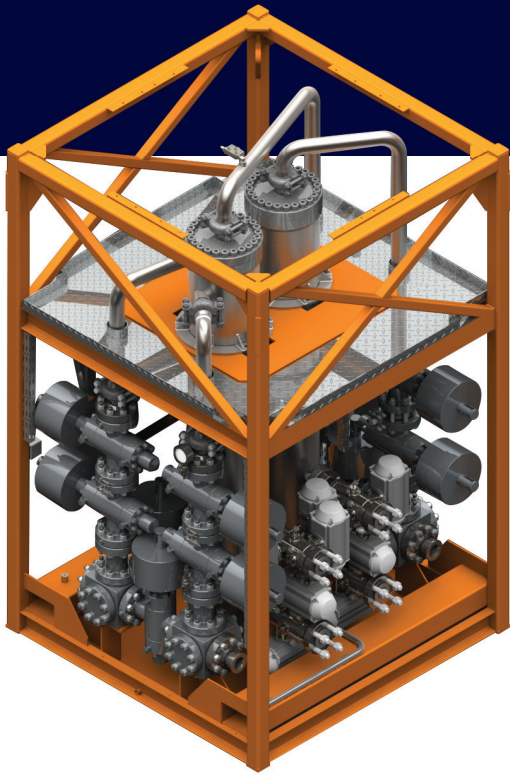
Market differentiating technology

- Wide flexibility in flow range (liquid/gas) – 60 m³/day to 3168 m³/day
- Separation of solids down to 20 micron
- Highest proven solids separation efficiency of 99.8% in the market
- Online solids measurement and performance monitoring
- 2.0 x 2.0 meter footprint
- Online sand weighing technology and precision – 0.1 kg accuracy
- Metal/metal sealing on flowback package – maintains system integrity
- Multi-well hook-up capability
- An interlock system is used to control all valves during vessel isolation

Real-time information for better quality decisions

- Weight of solids removed
- Flow rate
- Pressure (six locations)
- Temperature
- Asset integrity of desander system





DIMENSIONS

Height: 10.9 ft
Width: 6.6 ft
Depth: 6.6 ft
Weight: 19 000 lb

MATERIALS

Pressure vessel: Duplex UNS 31803
Valves: Stainless AISI 410 / AISI 316
Pipes: Duplex UNS 31803
Frame: Carbon steel (S355)

CERTIFICATIONS

NACE MR0175
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CAPACITY*

Maximum flow rate (fluid):
 19 926 bbl/day (420 psi, 176 °F)
Maximum flow rate (gas):
 9 MMscf/day (420 psi, 176 °F)
Maximum sand rate: 441 lb/hrs
Pressure drop: 14.5 psi
Smallest particle size: 20 micron
 * depends on application

TEMPERATURE

Min. operating temperature: -18,4 °F
Max. operating temperature: +248 °F

5K DUALFLOW UNIT

The leading solids removal solution on the market

The DualFlow 5K unit uses next generation cyclone technology that was developed and engineered by FourPhase and is the leading solids removal solution on the market. The DualFlow is used in surface applications where solids might be present during production, intervention clean-up, kick-starting wells or well test applications. 10K units are available upon request.

Market differentiating technology

- Wide flexibility in flow range (liquid/gas) – 377 bbl/day to 19 926 bbl/day
- Separation of solids down to 20 micron
- Highest proven solids separation efficiency of 99.8% in the market
- Online solids measurement and performance monitoring
- 6.6 x 6.6 ft footprint
- Online sand weighing technology and precision – 3.5 0lb accuracy
- Metal/metal sealing on flowback package – maintains system integrity
- Multi-well hook-up capability
- An interlock system is used to control all valves during vessel isolation

Real-time information for better quality decisions

- Weight of solids removed
- Flow rate
- Pressure (six locations)
- Temperature
- Asset integrity of desander system

