

# DEFENDER UNIT

The Defender unit operates best in flowback or early production applications that demonstrate moderate well parameters & moderate size sand.

## KEY SPECIFICATIONS

Optimal Application(s).....	Flowback - production
MAWP (psi).....	5,500
Production rate (BPD).....	10,000
Size (ID").....	48
Volume.....	32 ft3 / 0.9 m3
Dry weight (lb).....	13,300
Temperature design (F).....	-40 to 212
Design Standard.....	ASME Sec VIII Div I

## KEY SERVICES & ADD ON FEATURES

### 01 SAND ANALYSIS REPORTING

Our team delivers accurate and reliable sand distribution, disposition, erosion & performance reporting on every job in order to optimize your frac & flowback operations.

### 02 ENGINEERING & FIELD SUPPORT

Our Engineering team offers flowback & production system design & optimization. And our Field Operations team offers equipment installation, training & troubleshooting.

### 03 VESSELS ADD-ON FEATURES

Add the Sand Measurement System (SMS) and freeze protection to any vessel & build a skid package that enhances efficiency, decision making & protection from the elements.

## GLOBAL REACH WITH LOCAL SERVICE AND SUPPORT WHERE YOU NEED IT.

### 01

#### CORPORATE HEAD OFFICE

Achison, AB, CAN.

### 01

#### U.S. HEAD OFFICE

Denver, CO, U.S.

### 01

#### SALES OFFICE

Calgary, AB, CAN.

### 05

#### OPERATIONS OFFICES

Grand Prairie, AB, CAN.  
 Frederick, CO, U.S.  
 Midland, TX, U.S.  
 Watford City, ND, U.S.  
 Buenos Aires, ARG.



## KEY PERFORMANCE DIFFERENTIATORS

### It's superior technology removes 95+% of fine sand.

The Defender's advanced inner core technology, the G2 series, removes 95+% of produced sand. 10-50% more sand compared to rivals.

### While pushing 20% more production during flowback.

The Defender pushes up to 20% more production, during flowback, compared to competing spherical solutions.

### Run flowback operations at a fraction of the footprint.

The Defender uses 50% less equipment, 50% less field personnel & up to 4x less methane emissions, compared to competing solutions. On every job. On every drain cycle.



## THE RESULT

Flowback at a fraction of the time, cost & emissions.

- Flowback up to 6 days less on every job.
- Eliminate downtime & maintenance with on the fly, filter-less sand removal.
- Saving up to \$140,000/job in flowback OPEX.
- While running the lowest emission operation.
- Contributing toward your ESG objectives.
- Bettering the environment.

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