



Artificial Lift Services

SEPARATORS





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www.Q2als.com

Q2-STAGE 1 COMBO SEPARATOR

Q2-Combo Separator was developed to minimize the sand flow into pump intake and to maximize service life by keeping the plunger from scoring and sticking. It can be used in heavy sand and medium gassy environment.

DESCRIPTION

Q2-Combo Separator is a packer-less separator system that allows the sand to get separated from the fluid using centrifugal force. The sand gets settled into the tail pipe and lets the clean fluid flow into pump intake. It also separates gas and acts like a gas/sand separator combo system replacing a regular gas anchor.

FEATURES

- Packer-less system
- Easy to install
- Sand/Gas separation combo system
- Full opening of the vortex gives ability to separate gas
- Unique fluid Path keeps sand from getting into pump intake
- Allows gas separation without restriction
- No welded joints

SPECIFICATION

STAGE 1 CAPACITY FOR GAS SEPARATION			
Casing Size (in.)	Tool OD (in.)	Capacity (BPD)	Length (ft.)
4-1/2	2.875	190	21
5-1/2, 7	3.5	305	21
7	4.5	556	21

APPLICATIONS

- For gas and sand

PATENT
PENDING





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Q2-STAGE 2 GAS SEPARATOR

DESCRIPTION

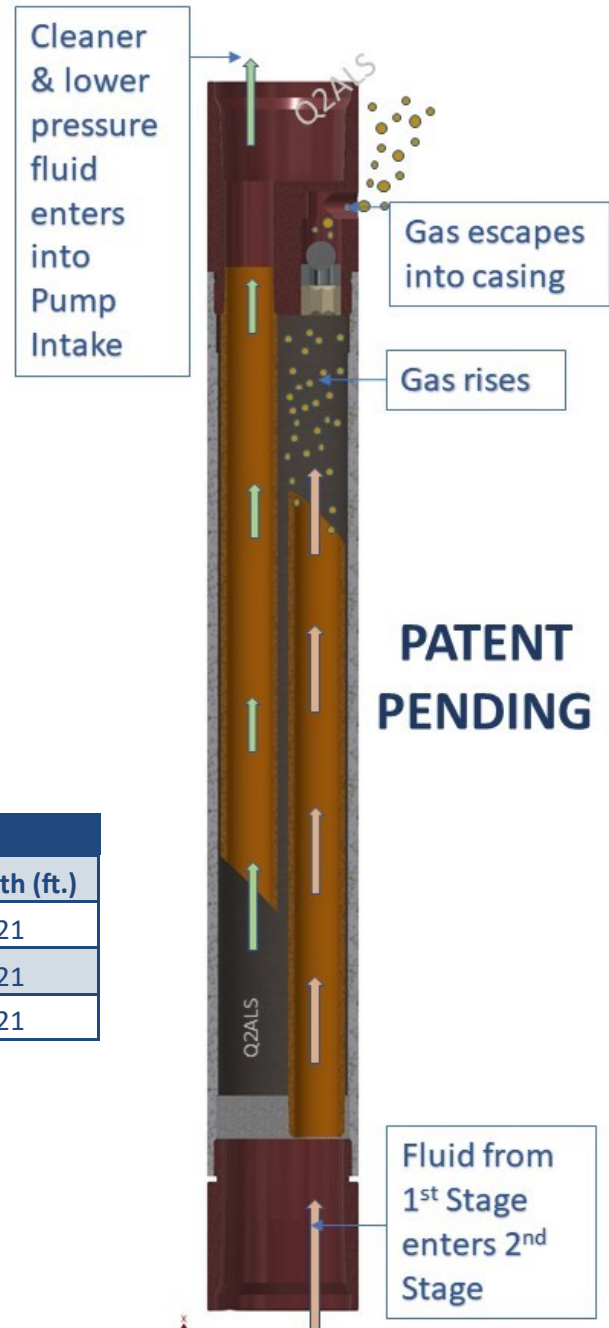
Q2-Stage 2 Separator can be used in conjunction with stage 1 for effective gas and sand separation. It was developed to minimize the gas interference in the pumps.

FEATURES

- Packer-less system
- Easy to install
- Unique fluid Path keeps gas from getting into pump intake
- Allows gas separation without restriction
- No welded joints

SPECIFICATION

STAGE 2 CAPACITY FOR GAS SEPARATION			
Casing Size (in.)	Tool OD (in.)	Capacity (BPD)	Length (ft.)
4-1/2	2.875	144	21
5-1/2, 7	3.5	233	21
7	4.5	440	21





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Q2-STAGE 1 & 2 SEPARATOR

SPECIFICATION

STAGE 1&2 CAPACITY FOR GAS SEPARATION			
Casing Size (in.)	Tool OD (in.)	Capacity (BPD)	Length (ft.)
4-1/2	2.875	144	42
5-1/2, 7	3.5	233	42
7	4.5	440	42

STAGE 1 ASSEMBLY			
Part #	Casing Size (in.)	OD (in.)	Length (ft.)
140NK21	4-1/2	2.875	21
140QN21	5-1/2, 7	3.5	21
140UQ21	7	4.5	21

STAGE 2 ASSEMBLY			
Part #	Casing Size (in.)	OD (in.)	Length (ft.)
141NK21	4-1/2	2.875	21
141QN21	5-1/2, 7	3.5	21
141UQ21	7	4.5	21

STANDARD CONFIGURATION	PREMIUM CONFIGURATION
Flow tubes and Partition plate are made with 316 stainless steel. All other components are carbon steel	All components are made with 316 stainless steel

BENEFITS & APPLICATIONS

- High efficiency two stage separation
- Packer-Less system
- For sandy & gassy environment

**PATENT
PENDING**

Notes:

- 1) When ordering, indicate complete part number by adding the following prefixes to the assembly part number to indicate specific mandrel material.

Blank – Standard Configuration
S – Premium Configuration

