

# Well Flow Management

## Well Testing | Separation

### Knock Out Pot

**The Knock-Out Pot can be installed in the gas line downstream of the separator or the vent line of a test tank and is used to remove any suspended liquid droplets from the gas and capture any liquid carryover from the vessels gas/vent lines.**

The unit design incorporates a tangential inlet which is designed to apply centrifugal force to drive liquids towards the outer edge of the vessel.

The liquid then settles in the bottom of the vessel, where it can be withdrawn in a controlled manner.

The Knock-Out Pot is designed with the necessary inlet, outlet and drain vales and piping, it also incorporates a safety relief device where required.

An access hatch is provided to allow internal inspection and debris removal.

The vessel can be manufactured in various sizes and piping configurations dependant on the anticipated flow rates and entrained liquid volumes in the gas stream.

#### Applications

- Onshore & offshore well testing
- Production and inline testing
- Extended well test

#### Features and benefits

- Remove liquid droplets in gas/vent lines
- Knock out any liquid carryover from vessel's gas lines
- Equipped with safety devices
- Designed to the latest industry codes/standard





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Technical specifications		
Capacity bbl (US gallon)	8 (335)	16 (671)
Pressure rating psi (bar)	1,440 (99)	250 (17.23)
Temperature rating °F (°C)	-20 to 129 (-29 to 54)	-20 to 250 (-29 to 121)
Inlet connection	4" fig 206 Hammer Union	4" fig 206 Hammer Union
Relief outlet	4" fig 206 Hammer Union	4" fig 206 Hammer Union
Drain connection	2" fig 206 Hammer Union	2" fig 206 Hammer Union
Safety devices	Pilot operated relief valve, high level alarm	
Skid (L x W x H) ft. (m)	7.5 x 5.9 x 9.8 (2.3 x 1.8 x 3.0)	7.8 x 5.9 x 12 (2.3 x 1.8 x 3.7)
Weight (dry) lbs (kgs)	7,716 (3,500)	8,738 (3,800)

Note: Designed and manufactured to ASME VIII sec 1 or PD5500 cat. 1, ASME B31.3 and NACE MR-01-75.

Other sizes, configurations and pressure ratings are available to meet most applications, for more information contact your local Expro representative or email [welltesting@expro.com](mailto:welltesting@expro.com)