

# FloCheck Injection

Effective treatments in AICD wells

Tendeka's FloCheck Injection is a technology for treatment of the completion annulus and near wellbore on wells completed with Inflow Control technologies.

Inflow Control Devices can provide great improvements in inflow performance in horizontal wells. Their check valve functionality is beneficial during deployment to enable effective circulation of well fluids, and during production to prevent cross-flow between zones. To enable the AICD to be bypassed if chemical treatment of the annulus or near wellbore is required, FloCheck Injection can be deployed to allow higher rate treatments to be performed.

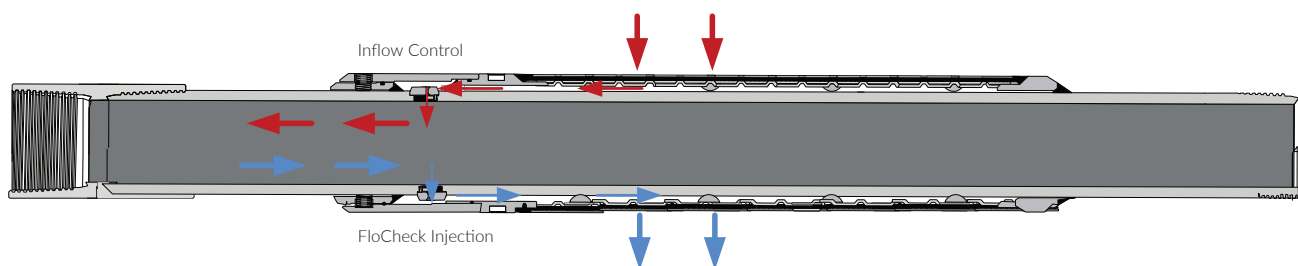
The FloCheck Injection valve is deployed within the AICD housing to enable treatment of the screen and annulus. The devices can be run per joint, per zone, or in multiples within a single joint dependent on the rate or placement requirements. FloCheck Injection is designed for use with a wide range of fluids including acids and gas, making it very adaptable for well control.

## Features

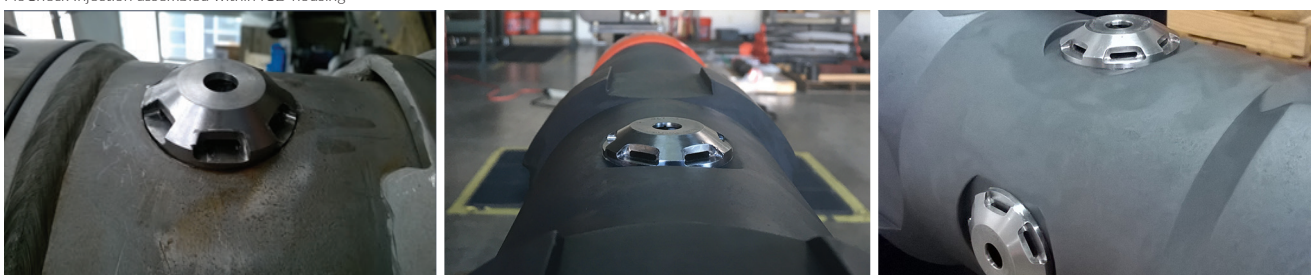
- Based on field proven AICD design and materials
- Bias closed with an adjustable spring force, the valve is further activated by AICD pressure drop during production.

## Benefits

- Improved well performance
- Adaptable for well control
- Interchangeable with AICD for field flexibility
- Allows bypass of the AICD for chemical treatments



FloCheck Injection assembled within ICD housing





## Technical Specifications

Nozzle size equivalent	10mm	15mm
<b>Design Conditions</b>		
Absolute pressure	4000psi	
Differential pressure	435psi	
Differential opening pressure	40-435psi	
Maximum liquid rate	6.5 gpm/BPV	10 gpm/BPV
Maximum gas lift rate	0.5 mmscf/day	0.63 mmscf/day
<b>Materials</b>		
Housing	Alloy 718	
Seal area	Tungsten carbide	
Spring	Incoloy	