

## Auto Back Flow Preventer

Republic Oil Tools Auto Back Flow Preventer is a spring loaded check valve designed for use in salt water disposal wells, water floods, and supercritical CO2 injection. Deployed downhole on the tubing string below the annular packer, the Auto Back Flow Preventer keeps previously disposed of fluid from entering the tubing string when the injection is ceased. This offers isolation downhole and prevents high pressure downhole fluid from returning to the surface.

This is a cost-effective solution that has been deployed countless times across numerous different basins.

### Available Sizes:

- 2-3/8", 2-7/8", 3-1/2", 4-1/2"
- Typical Metallurgy = 4140 housing w/ 440C poppet
- Optional Metallurgies = 304SS, 440C, 13Cr



### Inventoried specifications:

Part Number	JP2375-4140	JP2875-4140	JP350-4140
Thread Type	2-3/8"-8rd EUE Box x Box	2-7/8"-8rd EUE Box x Box	3-1/2"-8rd EUE Box x Box
Outside Diameter	3.665	3.685	4.5"
Overall Length	12.0"	11.5"	12.7"
Housing Metallurgy	4140 HT		
Poppet Metallurgy	440C		

The Auto Back Flow Preventer should be used in conjunction with a knockout tubing drain to prevent from tripping tubing wet.

For more information on the Auto Back Flow Preventer or alternative check valve options, please contact your Republic Oil Tools representative or visit [www.republicoiltools.com](http://www.republicoiltools.com)