

# High Capacity Liquid Withdrawal Valve For NH3

**Product Update #247**  
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## A8012 Series

### Application

The A8012 Series is designed especially for use as a high capacity liquid withdrawal valve on Anhydrous Ammonia nurse tanks or risers.

This valve incorporates an integral excess flow valve; when the valve is in operation the handwheel must be completely open and back-seated to allow the excess flow valve to function properly as explained in the excess flow section of our L-500 and L-102 catalogs.

### Features

- Excess flow valve designed for high flow and low pressure drop.
- Excess flow seat fully contained in the container coupling for maximum protection in the event of external damage to the valve.
- Resilient disc assembly with swivel seat is fully contained for bubble-tight shut-off and long service life.
- "V"- ring spring loaded stem seal design requires no field adjustment.
- 1/4" F-NPT port that accommodates a vent valve or hydrostatic relief valve.
- UL Listed for LP-Gas and Anhydrous Ammonia.

### Materials

Body .....	Ductile Iron
Bonnet .....	Ductile Iron
Stem .....	Stainless Steel
Seat Disc .....	Nitrile
"V" -Rings .....	Teflon
Excess Flow Valve .....	Stainless Steel
Springs .....	Stainless Steel
Excess Flow Valve .....	Stainless Steel
Springs .....	Stainless Steel

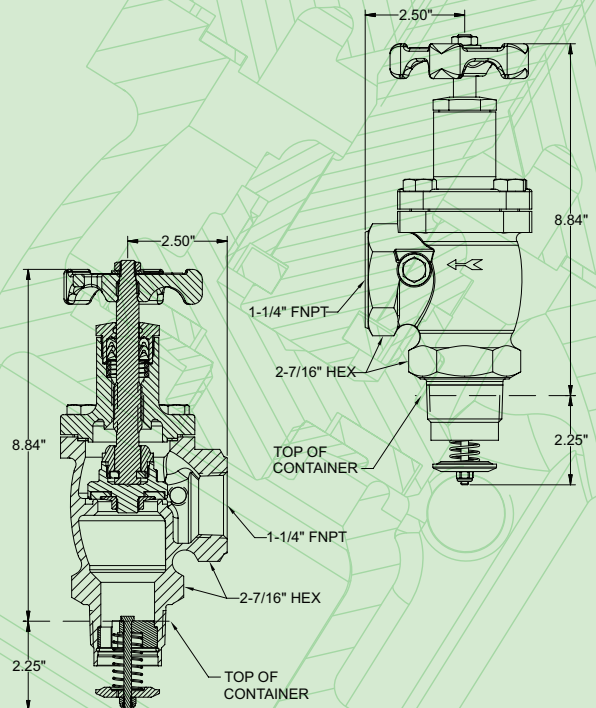
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CE 0036



**A8012 Series**



### Ordering Information

Part Number	Inlet Connection	Outlet Connection	Approximate Closing Flow GPM*	Accessories for NH3 Use	
				Hydrostatic Relief Valve	Vent Valve
<b>A8012D</b>	1 1/2" M-NPT	1 1/4" F-NPT	72 GPM NH3*	SS8001J	TSS3169
<b>A8012C</b>			45 GPM NH3*		

\* When installed in a horizontally flowing system.

