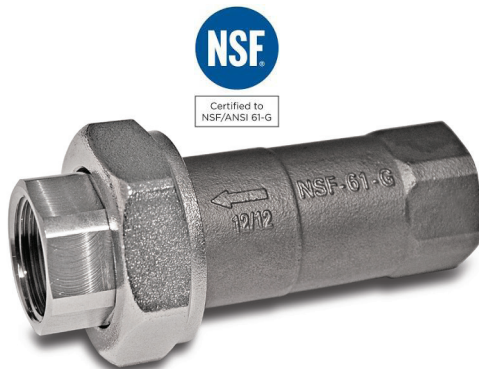


# Lead-Free Valves



*Model ICSS  
Automatic Balancing Valve*



*Model VA Zero  
Manual Balancing Valve*

## Highest Quality Lead-Free Valves

For your potable water applications

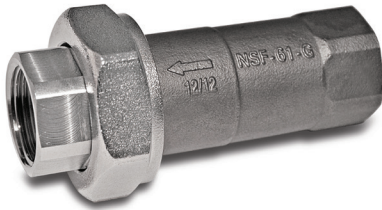
### Lead-Free Balancing Valves Designed for Today's Standards

At IMI Hydronic Engineering, we build outstanding quality and superior performance right into our IMI Flow Design balancing and control valves. Our commitment to you and your customers also encompasses product adaptations that address changing regulations in the marketplace. Case in point: the Reduction of Lead in Drinking Water Act (RLDWA) of 2014 that federally mandates a maximum weighted average of 0.25% lead for all wetted surfaces of plumbing products in potable water systems. These surfaces include pipes, pipe fittings, plumbing fittings and fixtures.

Our line of Automatic and Manual Lead-Free Balancing Valves meets or exceeds today's RLDWA requirements, giving you the optimal hydronic balancing solution for your potable water applications.

# ICSS

Lead-Free Automatic Balancing Valve



Specifically designed for domestic hot water recirculation applications, the ICSS is NSF/ANSI 61-G Certified, and approved directly by NSF for commercial hot water contact applications. All wetted parts in the ICSS valve are manufactured from stainless steel.

### Key benefits of the ICSS Lead-Free Automatic Valve include:

- Certified to NSF/ANSI Standard 372 for minimal lead content and NSF-61G for potable water contact at commercial hot temperatures.
- Delivers precise control, greater accuracy and more dependability with a factory-adjustable, precision machined stainless steel cartridge
- Fits easily into tight installations with compact inline design, less than half the height of typical controllers.
- Provides easy field access for inspection and cleaning with a flow cartridge that's easily removed from the compact valve body.
- Comes factory set to automatically limit flow to within  $\pm 5\%$  of the specified amount over 95% of the control range.

**Size:** 1/2" - 3/4"  
**Flow Range:** 0.33 - 12.00 gpm  
**Connections:** Female NPT

# UA Zero

Lead-Free Manual Balancing Valve



Providing a lead-free manual balancing option for potable water applications, the UA Zero shut off and manual throttling venturi valve complies with NSF/ANSI 372 Standard for minimal lead content. The UA Zero also delivers the greater accuracy of venturi ball valve balancing over circuit setting, as well as easy adjustments, diagnostics and troubleshooting in the field.

### Key benefits of the UA Zero Lead-Free Manual Valve include:

- Tested and verified for compliance with NSF/ANSI 372 Standard by Hurst Metallurgical Research Laboratory, Inc. on December 2, 2015.
- Venturi type fixed measuring element for flow measurement with  $\pm 3\%$  accuracy.
- Large diameter plated ball and PTFE seats.
- Blowout proof stem with EPDM O-ring and PTFE packing and packing nut.
- Vinyl coated grip handle with standard adjustable memory stop for shut-off and re-opening.
- Standard dual P/T ports.

**Size:** 1/2" - 2"  
**Flow Range:** 0.20 - 80.00 gpm  
**Connections:** Fixed Female and Sweat NPT

To put IMI Flow Design's Lead-Free balancing valves to work in your potable water applications or learn more about designing with the ICSS and UA Zero, reach out to your local IMI Flow Design representative or call us at 1.800.ASK.FLOW (1.800.275.3569) or email [ask.fdi@imi-hydronic.com](mailto:ask.fdi@imi-hydronic.com)

