



# WATER SYSTEMS

## PN Various

*Adams Rite Aerospace*

### DESCRIPTION

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The ARA water system is self-contained and can be customized to any aircraft. It can work with or without bleed-air and includes an independent tank. The system is integrated onto a pallet, making it easy and fast to install. ARA currently has these systems flying on passenger aircraft of Bombardier, Cessna and Embraer as well as Boeing freighters.

These systems can supply the water requirements for passenger-to-cargo conversions, saving carriers significant space and weight, with minimal installation.

### FEATURES

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- Light weight, and compact
- Easy to install
- Provides freeze protection
- Prevents run-on conditions
- Dual-temp configurable
- High reliability
- Proven design, with very low duty cycle
- Plug-n-play design is easily maintainable

### TECHNICAL DATA

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#### WATER FLOW AND TEMPERATURES

**Water flow rate:** 0.5-1 US gal/min

#### SYSTEM PRESSURE

**Operating pressure:** 35 – 45 PSIG

Over-pressure protection provided

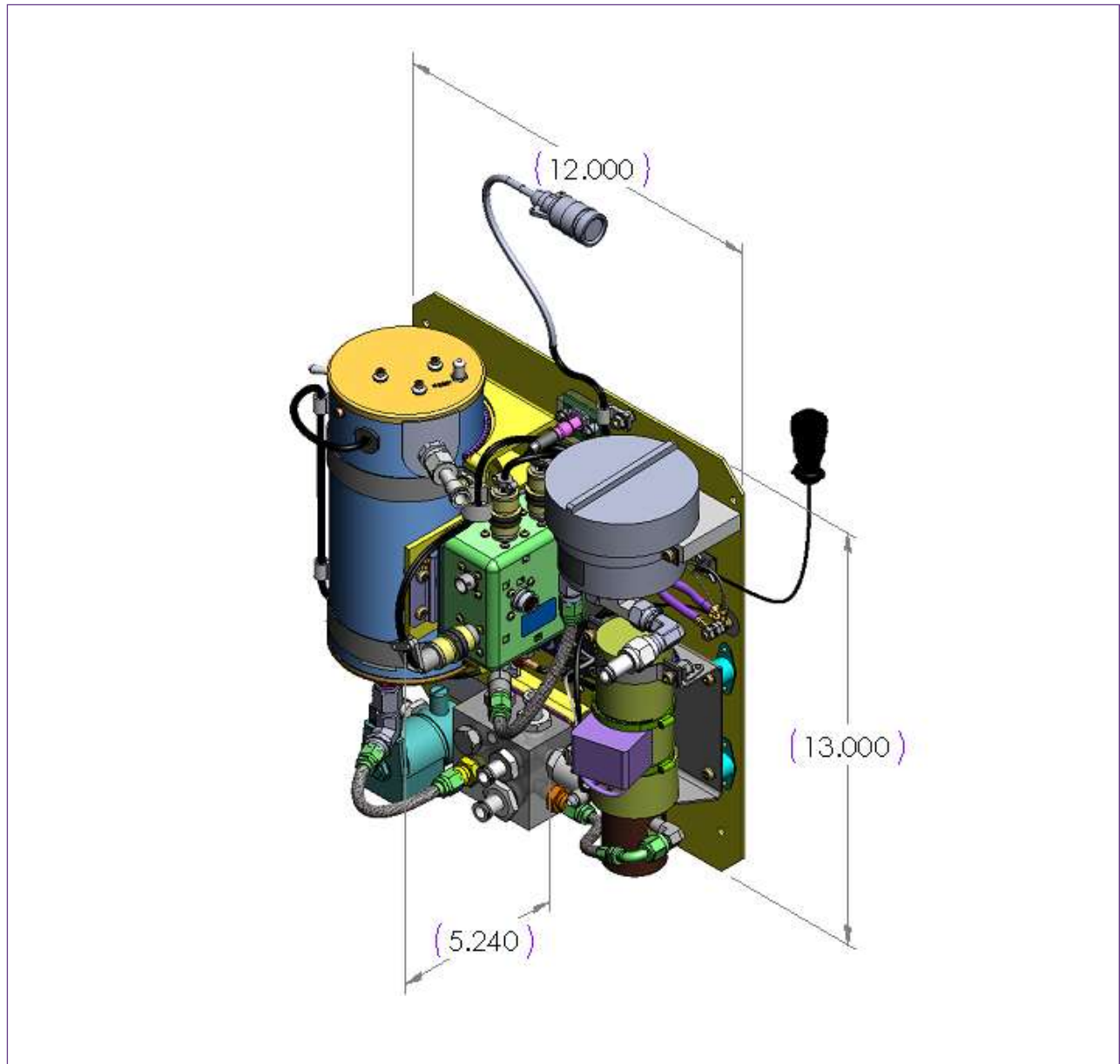
#### OTHER CHARACTERISTICS

**Water delivery:** Single or multi- point-of-use (can feed faucets, spigots, vacuum toilets)

**Servicing:** System designed to work with service cart or have manual fill



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**FIGURE 1: Water System**  
(Dimensions are given in inches)

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