



# Potable Water Systems

As aircraft systems become increasingly complex, and as the pressure mounts to reduce program risk, time to market and cost, it makes sense to turn to a total solutions provider for key systems. Our design capabilities, system integration expertise and program management skills—along with key supplier partnerships—make UTC Aerospace Systems your leading water systems integrator option.

## Features & Benefits

- System integration
- Conformal water tanks to maximize use of available space
- Low-profile drain masts to reduce drag
- Freeze-tolerant motor valve installations
- Complete system control and monitoring
- Innovative water purification
- Pressurized- and pump-based systems



UTC Aerospace Systems

## For additional information:

1555 Corporate Woods Parkway, Uniontown, OH 44685 U.S.A.  
Tel: +1 800 DE-ICERS (800 334 2377)  
Fax: +1 330 374 2290  
deicers@utas.utc.com

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[goodrichdeicing.com](http://goodrichdeicing.com)



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## An Integrated Systems Approach

Our expertise in system components, including drain masts, lavatory and galley water heaters, valve, line and tank heaters and system hardware, make UTC Aerospace Systems uniquely qualified to assume full system responsibility. We can design your systems to accommodate all types of interior configurations and system requirements.

## Innovative Technology

To address aircraft safety, comfort and cost savings, we incorporate innovative technology into every aspect of our potable water systems. The system controller, for example, monitors water level, and it automatically shuts off power to system heaters in the event of abnormal readings. An LRU fault detector system reports abnormalities to the maintenance computer. To further assure system performance and safety, all system components are protected against freezing by solid-state thermostat controlled heaters.

## Independent or Integrated Control Options

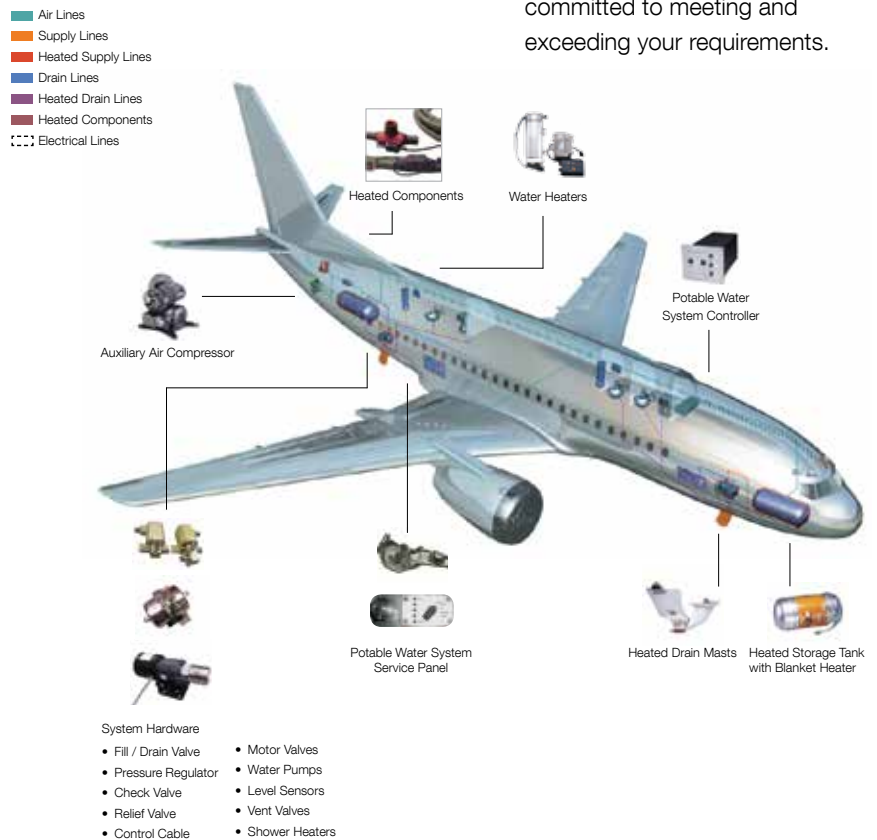
Whether you choose to have system control handled independently or integrated into your cabin management system, we can accommodate either option. If you choose the former, our system controller and display panel provide the crew with system status such as water levels in the storage tanks, diagnostic and health information.

## Total Systems Support

At UTC Aerospace Systems, our approach to satisfying customers ensures attention to your requirements at every stage in product development from initial analysis and prototype design to manufacturing, ground and flight testing, system simulation, certification, technical publications and field support. It's an approach and a process we call "Total Systems Support," and it means that you can count on us for initial quality plus comprehensive service and support around the world to maintain performance and customer satisfaction long after the sale. No matter where you turn, you will find someone committed to meeting and exceeding your requirements.

## Equipment

- System controls with monitoring
- ESTATS™ — electronic temperature control
- Water level sensing and display
- Water pumps and air compressors
- Cylindrical and conformed water tank assemblies
- Lavatory and galley water heaters
- Heated supply and drain lines
- Control cables
- System valves
- Heated drain masts



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