

Potable water systems

Innovative, integrated 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 Collins Aerospace your best option for integrated water systems.

An integrated systems approach

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

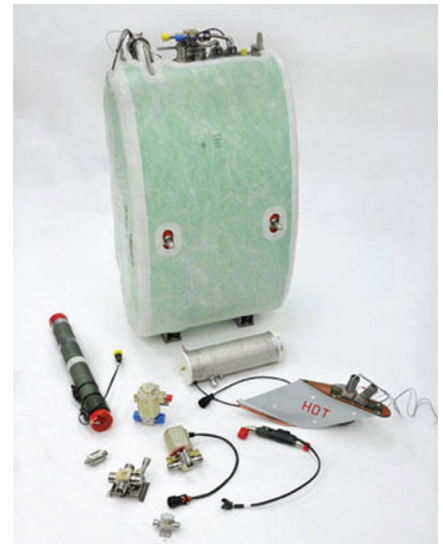
Innovative technology

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 levels, and it automatically shuts off power to system heaters in the event

of abnormal readings. A line replaceable unit fault detector system reports abnormalities to the maintenance computer. To further assure system performance and safety, all system components are protected against freezing with 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 and diagnostic and health information.



Key features and 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

Potable water systems

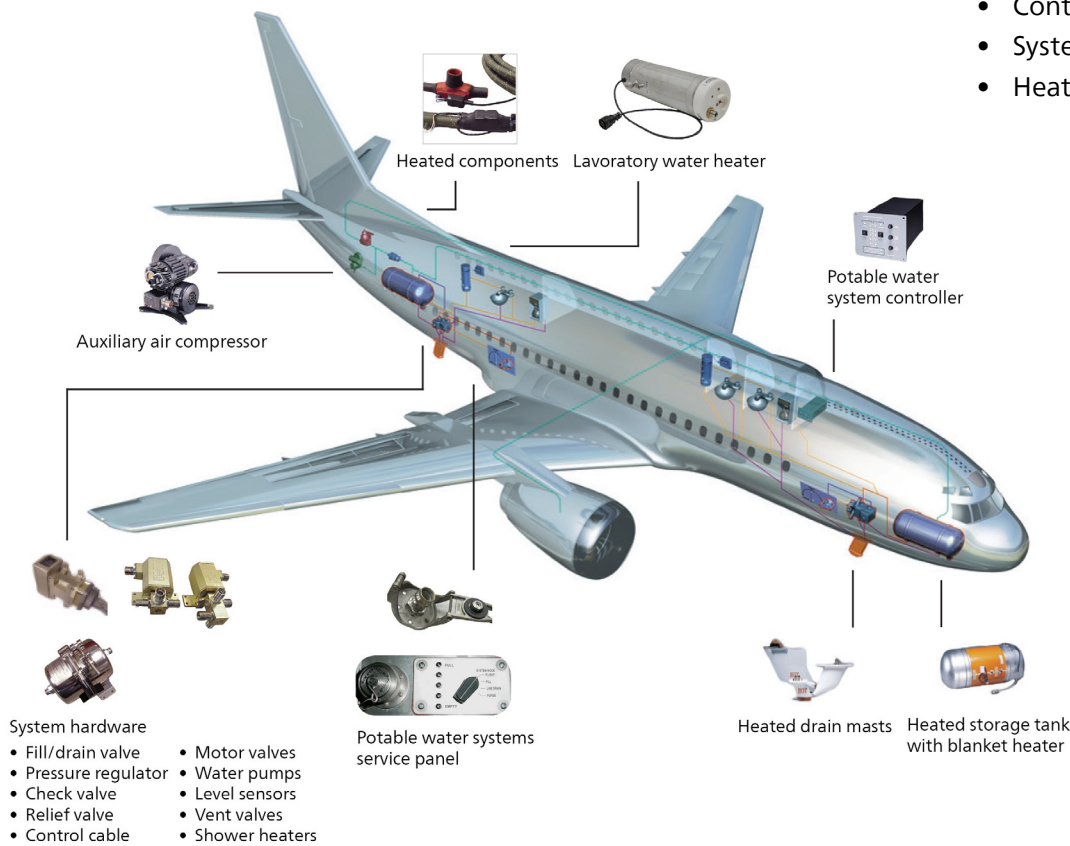
Total systems support

At Collins, 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 as well as 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 we are 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 conformal water tank assemblies
- Lavatory and galley water heaters
- Heated supply and drain lines
- Control cables
- System valves
- Heated drain masts



Learn more at rtx.com/collinsaerospace

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