



## The next generation of oxygen technology.

Today's high fuel costs and never-ending drive for space efficiencies mean airlines must seek every advantage in size and weight. Rockwell Collins' PulseOx® passenger oxygen system uses pulse technology to deliver oxygen more efficiently than traditional systems, while offering significant cost and weight savings. The only qualified and certified passenger pulse system on the market, the modular, patented design supports various aircraft mission profiles and seating reconfigurations.

Featuring a patented, demand delivery system, PulseOx optimizes oxygen delivery to provide 100-percent oxygen during inhalation and a mixture of ambient air and oxygen during the rest of the breathing cycle. This optimized oxygen delivery reduces the size and weight of the canisters needed to help keep passengers safe in an emergency.

PulseOx presents an alternative to traditional centralized gaseous oxygen systems, which can be heavy, expensive and time-consuming to install or change. The reduced costs and

weight advantage make PulseOx the clear choice for leading aircraft manufacturers on their latest aircraft.

Our system's multiple installation configurations offer optimal flexibility. A single oxygen source serves multiple units. Each seat group requires only a power input – eliminating the cost and weight of piping required with centralized passenger oxygen systems.

Three duration options (small, medium and large) accommodate your aircraft's descent profile – so you can choose the right size oxygen cylinder to get the aircraft to safety without carrying extra weight. Changing the descent profile is easy. Simply switch out the individual oxygen cylinder to the size that matches the new profile.

Significantly fewer components to install and maintain make PulseOx an affordable, flexible option to help keep passengers safe.

### KEY FEATURES

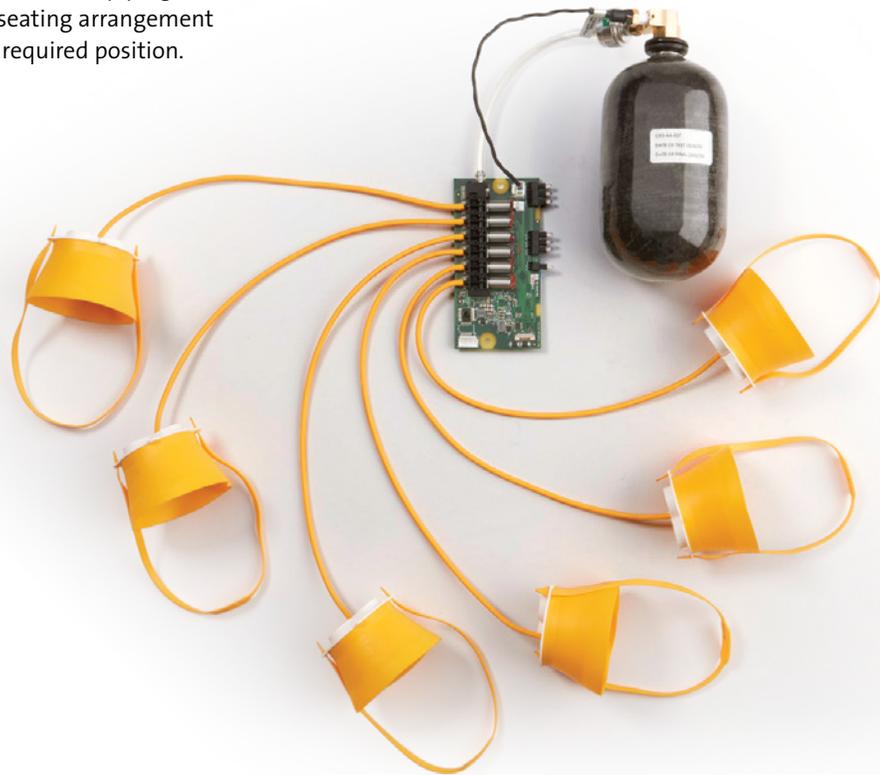
- > Lightweight composite cylinder
- > Modular design
- > Requires only a power input

### KEY BENEFITS

- > Significant weight savings
- > Simplifies aircraft configuration changes
- > Eliminates heavy, complex regulators, controllers and oxygen lines/plumbing
- > Reduces complexity of traditional gaseous passenger oxygen systems
- > Demand system accommodates various aircraft descent profiles
- > Reduced maintenance costs
- > Multiple oxygen durations and passenger configurations available
- > Low cost of ownership

## THE PULSEOX PASSENGER OXYGEN SYSTEM

Accommodates between two and six seats, depending on the configuration of your aircraft. With no centralized piping, the system easily reconfigures to whatever seating arrangement you install. Simply move the unit to the required position.



*Specifications subject to change without notice.*

### Building trust every day.

Rockwell Collins delivers innovative aviation and high-integrity solutions that transform commercial and government customers' futures worldwide. Backed by a global network of service and support, we are deeply committed to putting our solutions to work for you, whenever and wherever you need us. In this way, working together, we build trust. Every day.

### For more information, contact:

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