

aeralin™



When Medical Air Matters

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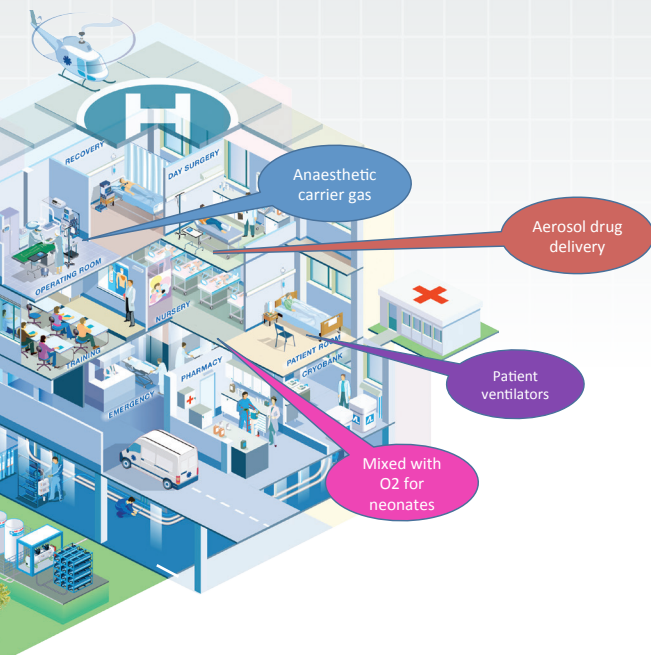
What is Medical Air USP?

THE UNITED STATES PHARMACOPEIA (USP) establishes written and physical standards for medicines, food ingredients, dietary supplement products, and ingredients. These standards are used by regulatory agencies and manufacturers to help ensure that these products are of the appropriate identity, as well as strength, quality, purity, and consistency.

Medical Air USP is a natural or synthetic mixture of gases consisting largely of nitrogen and oxygen.

THE SPECIFICATION:

» Oxygen	19.5% - 23.5%
» Carbon dioxide	< 500 ppm
» Carbon monoxide	< 10ppm
» Dewpoint	(per CSA Z7396.1)
» Nitric oxide	< 2.5 ppm
» Nitrogen dioxide	< 2.5 ppm
» Sulfur dioxide	< 5ppm



Why is Medical Air Important?

The answer lies in the therapies involving the drug.

Ask your LDRP and neonatal clinicians if the quality of medical air USP supplying their baby isolettes is important.

Ask your respiratory therapists if the purity of medical air USP delivered through ventilators, or used in aerosol drug therapies matters.

Ask your anaesthesiologists if medical air USP is used in the operating room.

Clinicians have a **reasonable expectation** that the medical air dispensed from the hospital's pipeline is subject to appropriate quality control.

Medical Air quality matters!



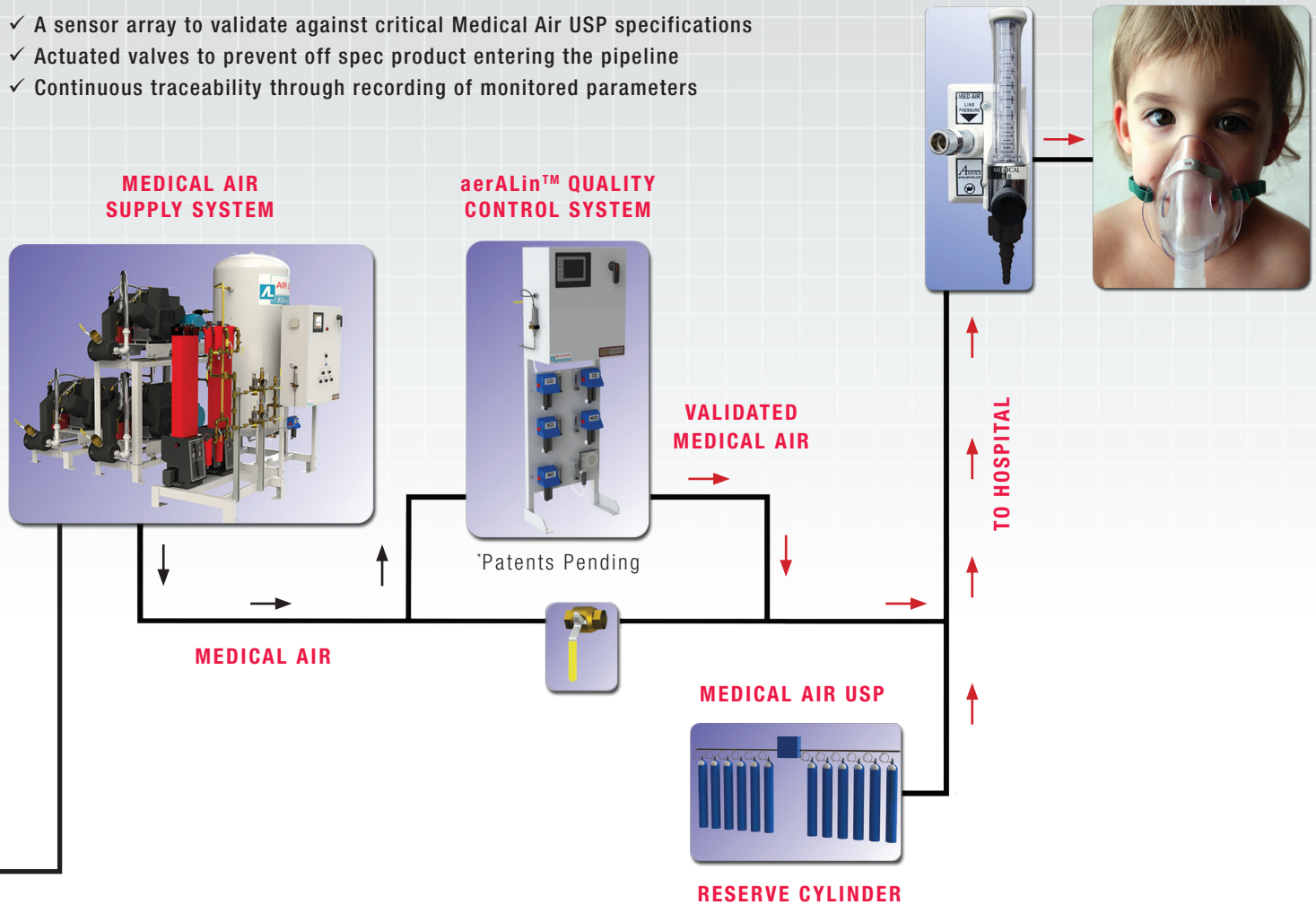
Unpredictable Source Air

On-site medical air systems compress outdoor air into the pipeline.

aerALin™ is a Parametric Batch Release Quality Control Service

OUR UNIQUE QUALITY CONTROL TOOL INCLUDES:

- ✓ A sensor array to validate against critical Medical Air USP specifications
- ✓ Actuated valves to prevent off spec product entering the pipeline
- ✓ Continuous traceability through recording of monitored parameters



Are YOU Compliant?

THE NATIONAL BUILDING CODE OF CANADA MANDATES:

The healthcare facility shall ensure that the product delivered by the medical air supply system meets the specifications for medical air USP or another monograph(s) as specified by the healthcare facility formulary*.

* The National Building Code and certain provincial Building Codes adopt a CSA standard on centrally piped medical gas and vacuum systems. (eg. CSAZ305.1 or CSAZ7396.1.) Each of these standards include mandatory language putting the onus on the healthcare facility to ensure Medical Air produced on-site meets the USP monograph.





Do You Know the Quality of Medical Air Your Patients Are Breathing?



Regulations Say You Must!

**To arrange for a medical air usage
and compliance audit**

Please contact your local Air Liquide Healthcare Sales Representative
or call **1-888-629-0202** or email **cs.vitalaire@airliquide.com**

