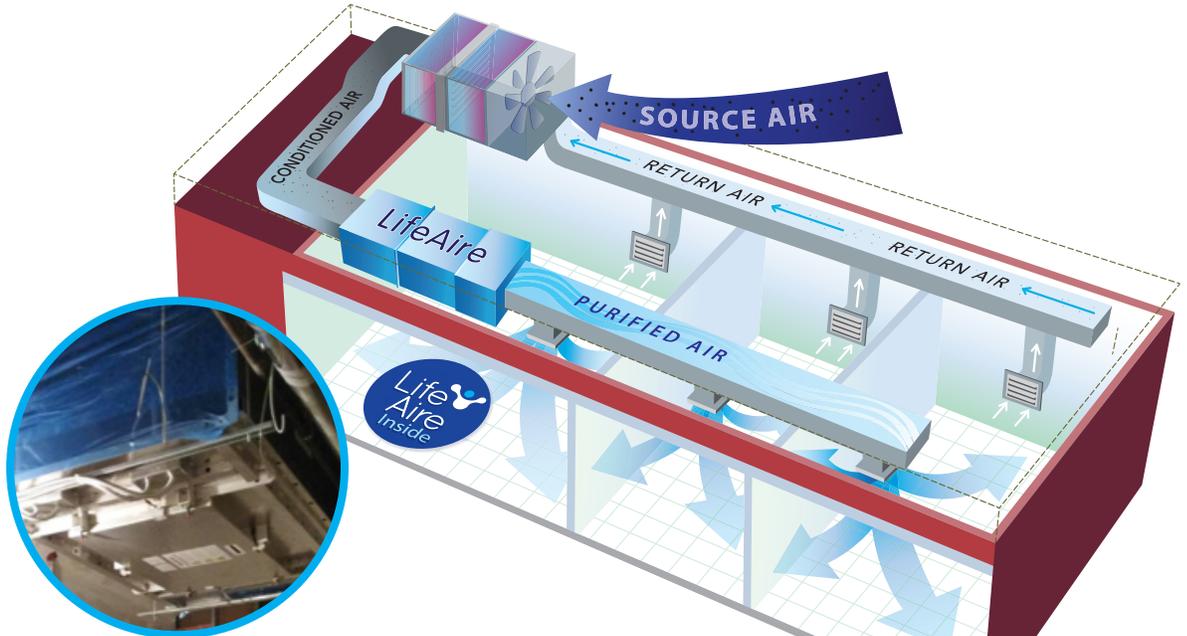


## BIOLOGICAL KILL. PERFECTED.

LifeAir Systems, a global innovator of air purification technologies has created a product specifically for the remediation of airborne biologicals in healthcare facilities. The Aire~LTCX™ in-duct module offers the most comprehensive methodology to kill biologicals that can cause hospital acquired infections (HAIs) or subclinical infections. The system has been genomically and mathematically modeled, and tested towards its kill of the anthrax spore and the delivery of a 9-log reduction of biological pathogens.



The Aire~LTCX is easy to install, as it simply replaces a section of your existing ductwork. All-weather options are also available for rooftop installations.

Available in three standard sizes, and able to be scaled, the Aire~LTCX efficiently services critical spaces of differing larger sizes and dimensions. All-weather options are available for rooftop installations.

**LifeAir System: 9 Log Reduction of Airborne Biological Pathogens**

Biological	Kill Rate
Anthrax	99.99%
MRSA	100%
Clostridium difficile spore	100%
Pseudomonas aeruginosa	100%
Legionella pneumophili	100%
Aspergillus	100%
Tuberculosis	100%
Staphylococcus pneumonia	100%
Streptococcus pneumonia	100%
Mycobacterium tuberculosis	100%

**LifeAir Systems: Viral Kill**

Virus	Viral Micron Size	LifeAir Systems Viral Kill Effectiveness
Echovirus	0.024	99.99%
Parvovirus H-1	0.022	100%
Coxsackievirus	0.027	100%
Norwalk virus	0.029	100%
Reovirus	0.075	100%
Adenovirus	0.079	100%
influenza A virus	0.098	100%
Avian Influenza virus	0.098	100%
SARS	0.113	100%
Coronavirus	0.120	100%
Newcastle disease	0.212	100%
Haemophilus influenza	0.285	100%
Vaccinia virus	0.307	100%
Measles virus	0.329	100%

# Technical Information

## Aire~LTCX™ 1000

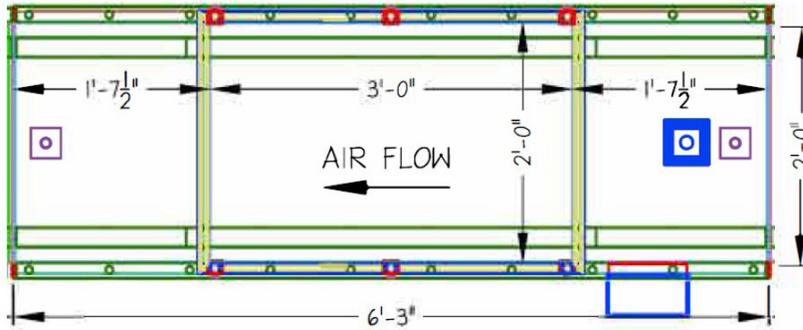
**Supply Air Volume:** maximum 1000 CFM (28.32 m<sup>3</sup>/min)

**Pressure Drop:** 0.1" w.g. (24.88 Pa)

**Size:** 6'3" length, 2'3" width, 2'7" height (1905 mm length, 685.8 mm width, 787.4 mm height)

**Power:** 120/208V, 3W, 2P, 20A Dedicated Circuit

LifeAire Systems contributes 2°F (1.11°C) to air stream



## Aire~LTCX 2000

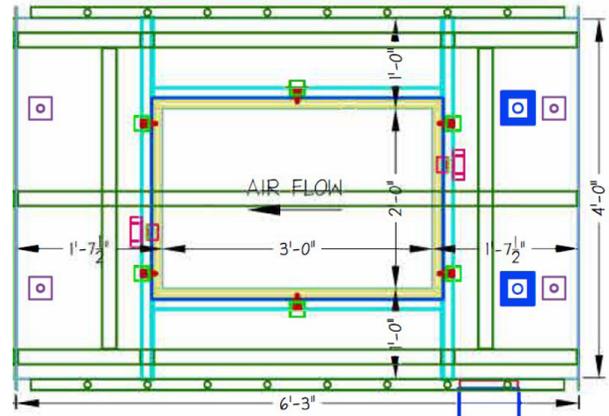
**Supply Air Volume:** maximum 2000 CFM (56.63 m<sup>3</sup>/min)

**Pressure Drop:** 0.1" w.g. (24.88 Pa)

**Size:** 6'3" length, 4'4" width, 2'7" height (1905 mm length, 1320.8 mm width, 787.4 mm height) OR 6'3" length, 2'3" width, 2'7" height (1905 mm length, 685.8 mm width, 787.4 mm height)

**Power:** 120/208V, 3W, 2P, 20A Dedicated Circuit

LifeAire Systems contributes 2°F (1.11°C) to air stream



## Aire~LTCX 4000

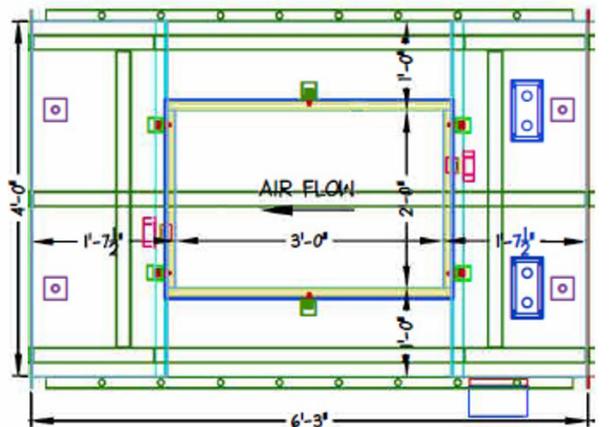
**Supply Air Volume:** maximum 4000 CFM (113.27 m<sup>3</sup>/min)

**Pressure Drop:** 0.1" w.g. (24.88 Pa)

**Size:** 6'3" length, 4'4" width, 2'7" height (1905 mm length, 1320.8 mm width, 787.4 mm height)

**Power:** 120/208V, 3W, 2P, 20A Dedicated Circuit

LifeAire Systems contributes 2°F (1.11°C) to air stream



For more information, visit [www.lifeaire.com](http://www.lifeaire.com)  
or call 484-224-3042

LifeAire  
Systems