

**ICON Specifications for Model ARS-1000
Positive Pressure Fresh Air Delivery System**



Part Number: 40460000

The following specifications define the most advanced air sterilization system available to the public and therefore can not be compared to specifications of a standard air cleaner.

Specifications

Air Flow

Fresh Air Delivery Rate	15 to 30 CFM Fresh Sterile Air
Positive Fresh Air Pressure	0.020 WC (0.0005 Psi) +/- 50%
Contaminated Air replacement Rate	21,600 CFM/day to 43,200 CFM/day

Filtration

Submicron HEPA Filter 99.997 % ≥ @ 0.3 microns	Replaceable
Activated Carbon Filtration	Replaceable
Average Filter Life	24 Months Continual Use*
Wire Mesh Pre-filter (washable)	Replacement not required, unless damaged

Sterilization

Air Sterilization Effectiveness	99.9999% for sample pathogens
UVC Air Sterilization	Ultraviolet germicidal radiation
Average UVC Lamp Life	24 Months Continual Use

Control Panel

ON/OFF Rocker Switch

Power Requirements

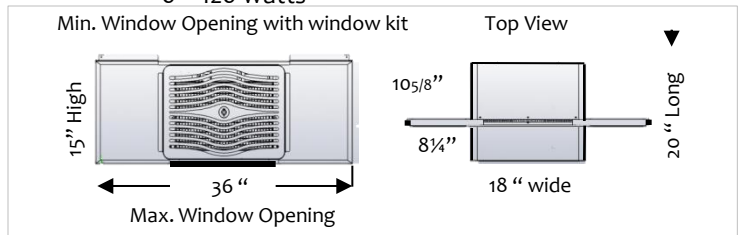
Voltage	110-120 VAC 60Hz (Grounded)
Power – Normal Operation	90 watts
Power Cord	7 feet

Fresh Air Treatment

Air Heated at 10° below zero	0 – 650 watts (max.)
Air Dehumidified Maximum	0 – 120 watts
Air Cooled Maximum	0 – 120 watts

Physical Data

ICON Dimensions (in inches)
Window Kit



Weight of ICON & Window Kit

32 Pounds

ICON Construction

External Components Electrostatic painted Aluminum

Accessories

Window Kit (Assembly Required)	Included
Owners Manual & Warranty Card	Included
Test Kit	Included

Shipping Information

Box Size in Inches	25.5”L x 23.5”W x 19.25”H
Shipping Weight	41.0 Pounds

*** Factors effecting Filter Life**

- Outside environment
- Hours of operation

Note: Submicron HEPA filter and Activated Carbon filter must be replaced within 24 months.

All technical specifications are subject to change without prior notice.

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