



IRIS-2000 Ambient Air Filtration System

Small Footprint

Multi-Stage Progressive Filtration

Fibre Bed Filter High Efficiency

Modular Design Add Options as Required

Portable or Wall Mount Multiple Installation Options

Long Filter Life

Low Operating Costs

Low Maintenance

Clean Air

Efficient and big on performance!

The IRIS-2000 is an industrial-grade air filtration system designed for ambient air cleaning and the removal of mist, smoke, and other airborne pollutants. The IRIS series is equipped with a progressive 4-stage filtration system consisting of innovative mechanical elements, a fibre bed, depth loading filter, and HEPA filter with a final efficiency of 99.97% @ 0.3µm. The progressive filtration increases the efficiency of the filters and extends filter life.

Filtration Stages:

- ✓ The innovative **1st stage** Mechanical Element is a non-consumable pre-filter that removes large particles.
- ✓ The **2nd Stage** Demister Element is a non-consumable filter that supports the 1st stage in pre-filtration with an efficiency of 80% @ 5 microns. The 1st and 2nd stage work in conjunction to extend the filter life of the latter stages.
- ✓ The **3rd stage** filter is a depth loading fibre bed filter with a filter rating of MERV 9.
- ✓ The **4th stage** HEPA filter captures sub-micron mist, smoke, and bacteria. Efficiency 99.97% @ 0.3 µm.

Technical Data:

Air Flow:	1800 - 2200 cfm
Motor:	2 hp
Voltage (Amps):	230/3/60 (5.5) 460/3/60 (2.7) 575/3/60 (2.2)
Length	46"
Width	24"
Height	27"
Weight:	310 lbs
Sound:	70 dB(A)
Construction:	16 & 22-gauge powder coated steel.
Controls:	Visual Indicator for consumables.
Fan:	Backward Curved Centrifugal Fan, 2000 cfm of delivered airflow.
Filters:	1 st Stage Mechanical Element. Non-consumable filter.
	2 nd Stage Demister Element Non-consumable filter.
	3 rd Stage MERV9 Fibre Bed Pre-Filter. 12-24 Month Replacement
	4 th Stage HEPA Filter efficiency 99.97% @ 0.3µm 12-24 Month replacement



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