



A Product of Air Cleaning Specialists, Inc.

# Get Students & Teachers Back In Class Safely With Clean Air

## Introducing the EduAir Classroom Air Cleaner



These units provide quiet, unobtrusive HEPA filtration to keep teachers and children safe in educational spaces.

The EduAir has been developed based on a mix of guidelines suggested by Harvard, the CDC, 40+ years of air filtration experience and systems guidelines for hospital isolation rooms.

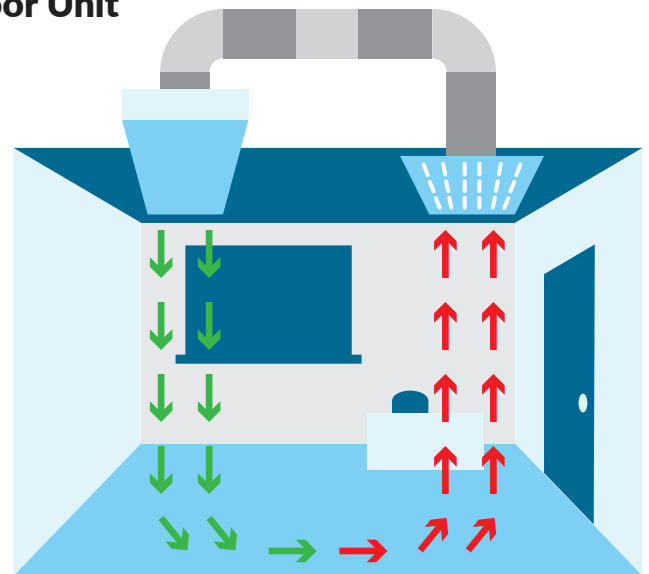
These units work by creating an effective air pattern in the room, taking the entire contents of the room and passing it through a 99.99% True Medical HEPA filter 12 times per hour (once every 5 minutes).

## Why an In-Ceiling Unit is Better Than a Floor Unit

**Filtration Efficiency:** The EduAir features a very large high-efficiency HEPA filter that floor units cannot support due to their compact size.

**More Efficient Airflow:** In-ceiling systems allow the inlets and outlets to be positioned at opposite ends of the room, creating the optimal airflow pattern so that all of the air in the room can be filtered. Floor units have the inlet and outlet located in the same unit, filtering the same surrounding air over and over.

**Noise Level:** Floor units tend to be louder because the students are closer to the noise source vs. having the fan located in the ceiling.



## Frequently Asked Questions

### Is a HEPA Filter Effective on Viruses?

YES, these are the same units used in medical-grade clean rooms and isolation rooms to protect doctors and other patients from contracting viruses and diseases of all kinds. The filtration rating at common virus sizes is incredibly high.



### Does Our HVAC system Handle Viruses?

No, HVAC systems are not designed to filter out viruses. They have low-efficiency filters solely designed to protect the internal coils and components of the HVAC system from larger dust particles. Viruses pass thru these lower efficiency filters very easily.

Replacing those filters with high-efficiency HEPA filters requires that the system be entirely re-designed with a larger blower motor to handle the high efficiency filters. This is not done because the size of motor required to move the same amount an air in a building at a higher efficiency is neither cost-effective, mechanically feasible, or energy efficient.

Additionally, an HVAC system is typically designed with a lower number of air changes per room as heating/cooling does not require as many air changes as proper filtration.

### Is it Easy to Install?

The EduAir can be easily installed by most in-house maintenance departments during off-hours with little to no disruption time.

The unit is designed to replace a 2'x4' drop ceiling tile. The unit can then be ducted to the other side of the room to an inlet with a pre-filter. Wiring the units can be done easily and a remote control is available.

## Technical Specifications

SKU	ED-IC-2X4-HEPA-120V	ED-IC-2X4-HEPA-220V	ED-IC-2X4-HEPA-277V
Power	120V/1PH	220V/1PH	277V/1PH
Unit Dimensions	23.63" X 47.63" X 16.43"		
Hanging Weight	71 lbs.		
Noise Level	48 dB		
Airflow	610 CFM / 470 ACFM 1", MERV 4 Rated		
HEPA Filter	99.99% @ 0.3um True Medical Grade HEPA (UL900)		
Duct Connection	10"		
Options	Green power-on indicator light Red power-off indicator light IR remote control (offers on/off and speed control)		

## **Warranty Information**

EduAir's warranty is for the distributors and ultimate purchaser (end user) of products furnished by EduAir. EduAir warrants its products to be free of defects in materials and workmanship in accordance with the following provisions and subject to such limitations.

EduAir warrants its products for two years from ship date. The warranty covers defects in material and workmanship only. Labor and freight are not covered under the warranty policy.

Any claims made pursuant to this warranty by the customer or distributor shall be conditioned upon EduAir's inspection of the product upon which the claim is made.

Products claimed under this warranty shall be shipped prepaid directly to EduAir's distributor unless otherwise stated EduAir offers one of the following remedies:

- Replacement of defective product
- Credit issue or repayment

Any product returned to EduAir for a warranty claim must be preapproved and authorized must be issued before such a shipment will be accepted.

This warranty is void on all EduAir products if any product has been misused, mistreated, or used other than for it's specified application.