

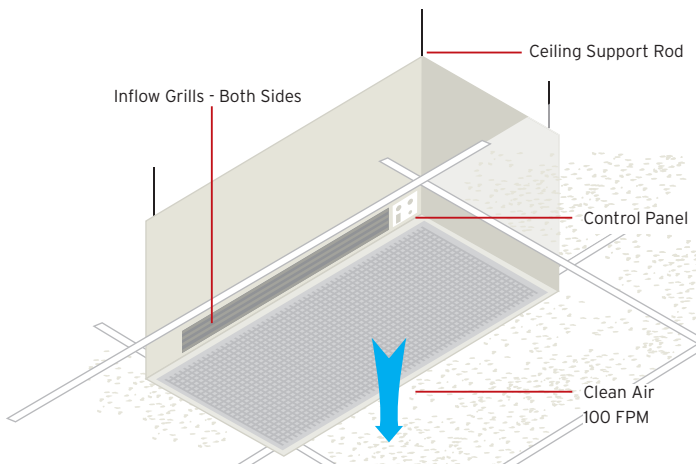
## NU-105 Air Cleaning Ceiling Modules

NuAire has developed this unique type of air cleaning ceiling module for clean room use.

This product was developed to provide an inexpensive solution for today's modern laboratory professional.

### Air Cleaning Module with Remote Blower

The NU-105 is an inexpensive way of creating a clean room providing both HEPA filtered air and fluorescent lighting in a single unit. The modules may be placed as needed to provide light and clean air over critical areas.



The NU-105 is designed to permit the normal plant ventilation air to flow freely into the room through the adjustable grills when the ceiling module blower is not running. This automatic by-pass feature prevents the HEPA filter from blocking airflow into the room when the supply blower is not operating.

Normally, the recycling grills are fully open to permit the highest cycling rate in terms of air changes per hour. However, if it



NU-105

is desired to have the greatest amount of ventilation fresh air inflow through the module, simply close the recycling grills and fully open the inflow damper.

### Energy Saver Shower

The NU-105 is a recycling air shower designed to provide particulate-free air to a room. It is the least expensive way to create a sterile clean room having Class 100 air cleanliness. The air shower is adaptable to large or small rooms.

### Single-Pass Air Shower

A completely self-contained air cleaning module that accepts rough-filtered plant ventilation air and forces it through a HEPA filter. It can be used to create a small sterility room, or with multiple ceiling installations to create a large clean room to handle heat loads, odor dilution, etc.

### Standard Sizes

Catalog Number	Overall Dimensions, Inches (mm)		
	Width	Depth	Height
NU-105-400	23 (584)	47 (1194)	22 (559)
NU-105-424	35 (889)	51 1/2 (1308)	25 (635)
NU-105-430	41 (1041)	51 1/2 (1308)	28 (711)
NU-105-530	41 (1041)	63 1/2 (1613)	28 (711)
NU-105-630	41 (1041)	75 1/2 (1918)	30 (762)

### Standard Features

HEPA Filter, 99.99% Efficient on 0.3 Microns  
16 GA Welded Construction

Bottom Filter Service  
Flow Control Valve

Electrical Junction Box  
Ceiling Hanger Corner Inserts (1/2" 13 Thread)

### Optional Features

Fluorescent Lighting  
Duplex outlet