

OutFlow W125

Product Summary



The OutFlow W125 kit allows filtered air from any IQAir filtration device to be directed through a wall or window vent. The OutFlow W125 kit can be used to:

- create clean areas
- deliver filtered air into cleanrooms or to the outside
- create negative pressure areas
- create positive pressure areas

Clean Area and Cleanroom Use

The supply of filtered air into an indoor environment helps reduce air pollution in that room by dilution and the creation of positive pressure, which reduces the infiltration of polluted air from outside the room. With the OutFlow W125 kit, the IQAir system is positioned outside the clean area or cleanroom, saving valuable space and reducing noise exposure. It also eliminates the danger of housing leakage, making it suitable even for certified cleanrooms.

Create clean positive pressure areas

An IQAir filter system used in combination with the InFlow W125 will in most cases allow the creation of a positive pressure in the room into which the air is directed. This positive pressure helps to clean the air in a room by constantly flushing out air pollutants and by preventing outside pollutants from entering the room.

Emission Control

Legislation limits the emission of polluted air to the outdoors. The OutFlow W125 filters air before it is exhausted outdoors to help meet environmental emission standards.

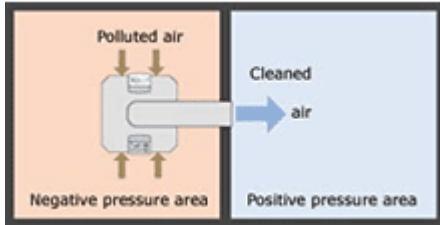
Isolation Areas

Infection control (e.g. tuberculosis, SARS) in hospitals and similar facilities demands the creation of negative pressure environments to reduce the spread of airborne microorganisms. The OutFlow W125 permits operation of the filter unit from within the isolation area, eliminating the danger of housing leakage into the surrounding area.

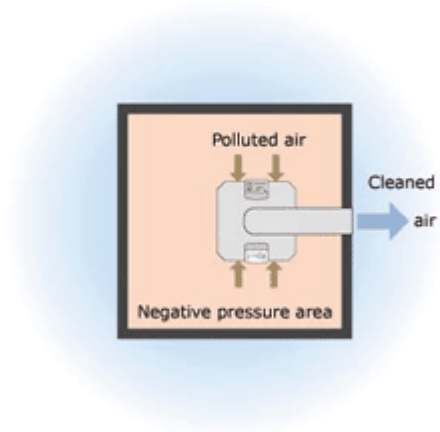
The OutFlow W125 kit easily modifies any IQAir room air purifier. Simply replace the top module of any standard IQAir filtration unit with the TopFlow adapter. All that is needed to install the ducting, wall tube and vent is a 132mm (5.2") opening in a wall or window. The OutFlow W125 kit also includes a damper and a protective mesh grille which prevents backdrafts and entry of coarse particles when the system is not in use. The large 125mm (5") diameter of the ducting ensures low air resistance.

The fabric duct may be freely flexed to allow control over the desired vent location. It is expandable in length from 250mm (10") in its original compressed state to 1000mm (39") when fully extended.

Creation of Pressure Differentials



The OutFlow W125 lets you create pressure differentials between different indoor areas. Negative pressure serves to contain pollutants in an isolation area. Positive pressure protects a clean environment from uncontrolled infiltration of airborne contaminants from polluted areas.



Emission Control

With the OutFlow W125 the IQAir filtration device can be adapted for emission control. Air is filtered and expelled outdoors via a flexible ducting system. The negative pressure area that is created prevents unfiltered room air from leaking outdoors or to adjacent areas.

IQAir Compatibility

Compatible with all IQAir room air purifiers and accessories.