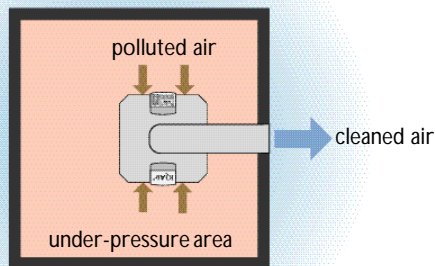
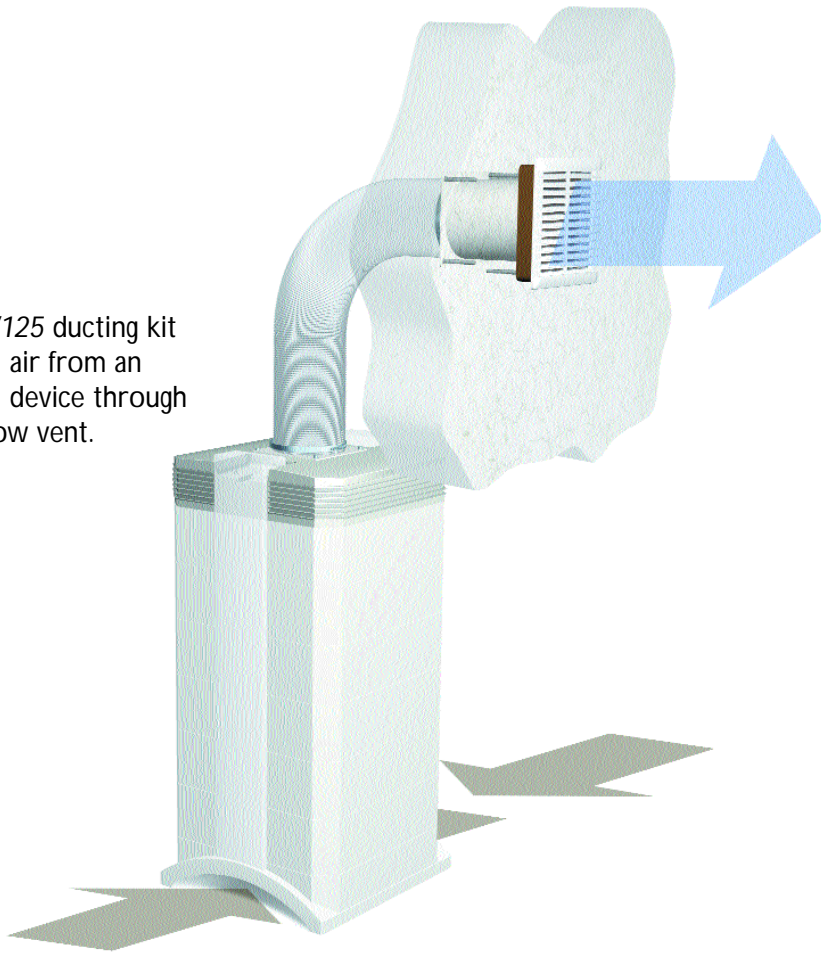


Outflow Wall Ducting Kit:

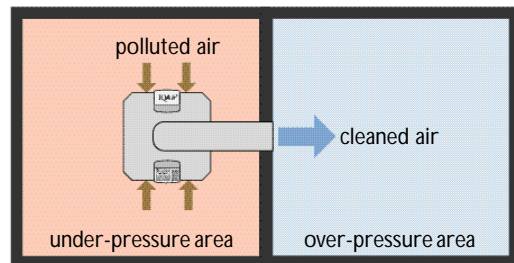
OutFlow™ W125

The *OutFlow W125* ducting kit directs cleaned air from an IQAir filtration device through a wall or window vent.



Emission Control

With the *OutFlow W125* your IQAir filtration device can be used for emission control. Air is filtered and expelled outdoors via a flexible ducting system. The under-pressure area that is created in the process prevents unfiltered indoor air from leaking outdoors.



Creation of Pressure Differentials

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

Outflow Ducting Kit with Wall Vent for IQAir® Devices

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 a clean area, to deliver filtered air into a cleanroom or to the outside, as well as create under-pressure or over-pressure areas.

Clean Area & Cleanroom Use

The supply of filtered air into an environment helps reduce air pollution in that environment by dilution and the creation of over-pressure, which reduces the infiltration of polluted air from outside the environment. With the *OutFlow W125* kit, the filtration device 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.

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.

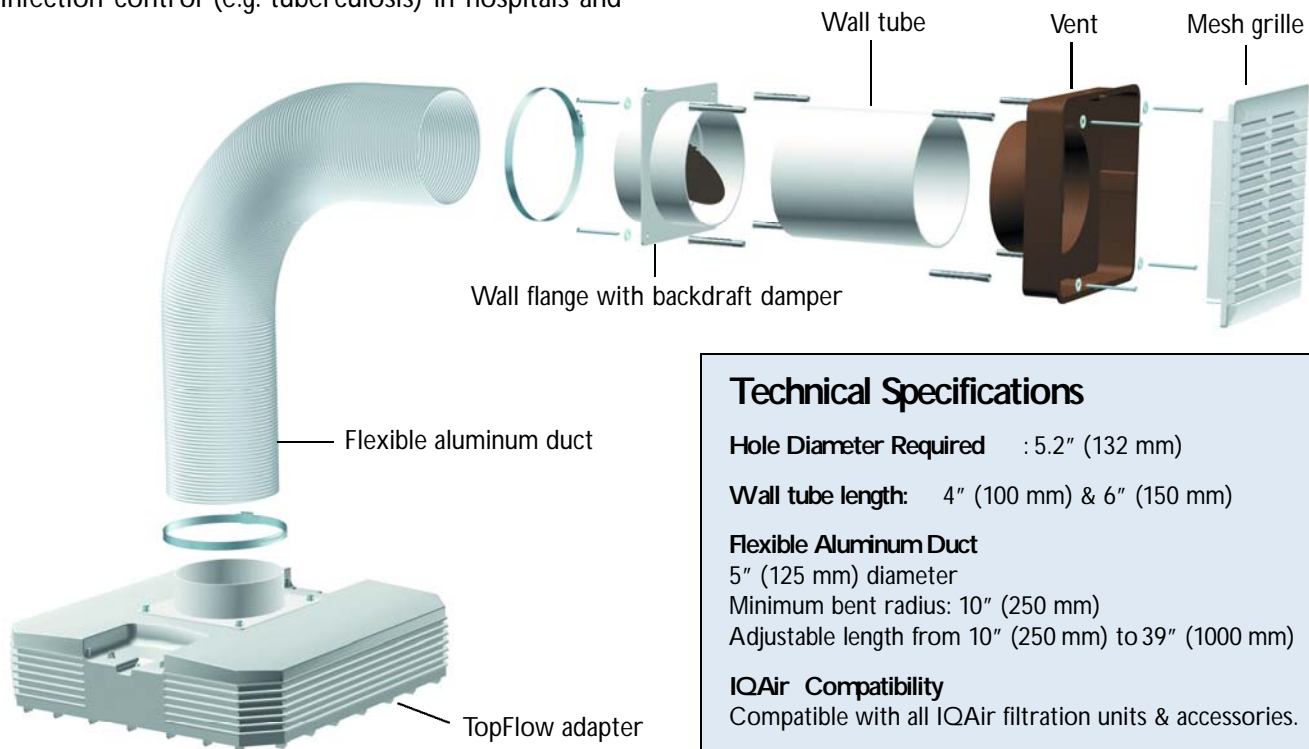
Isolation Areas

Infection control (e.g. tuberculosis) in hospitals and

similar facilities demands the creation of under-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 filtration unit. 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 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 5" diameter of the ducting ensures low air resistance, typically reducing the air flow of an IQAir filtration unit by only 10-30% (depending on the specific model and fan speed).

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



Technical Specifications

Hole Diameter Required : 5.2" (132 mm)

Wall tube length: 4" (100 mm) & 6" (150 mm)

Flexible Aluminum Duct

5" (125 mm) diameter

Minimum bent radius: 10" (250 mm)

Adjustable length from 10" (250 mm) to 39" (1000 mm)

IQAir Compatibility

Compatible with all IQAir filtration units & accessories.

The indoor air quality (IAQ) improvements that can be achieved with IQAir units depend not only on the system performance, but also on factors which are specific to the indoor environment, such as room size, type and concentration of contaminants and source intensity. Consult a qualified IAQ specialist to determine an effective and comprehensive IAQ strategy. Source control and ventilation should be considered first in solving any IAQ problem.

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