

OutFlow™ W125 – Ducting Adaptor for IQAir® Systems

The OutFlow W125 ducting adaptor allows filtered air from any IQAir advanced air cleaning system to be directed through a wall, door or window aperture. The adaptor can be used to create protective environments and airborne infection isolation areas in a matter of minutes. Thus particle and microorganism reductions of up to 99% can be realised in the room air – a result that could otherwise only be achieved with a big investment in time, extensive work and at a higher costs.

With the OutFlow adaptor filtered air can be directed from the IQAir high-efficiency air cleaner through a wall aperture to reduce airborne particles and microorganisms in the room air by up to 99%.



Medical Applications:

- Isolation wards
- Intensive care units
- Burns wards
- Operation theatres
- Organ transplant units
- Oncology wards
- Research, IVF and microbiologic laboratories
- TB isolation and anterooms
- Homes of allergy sufferers
- etc.

Commercial Applications:

- Cleanrooms and controlled environments
- Manufacture and packaging of medical devices
- Food manufacturing and processing
- Air showers/air locks
- Cleanroom dressing rooms
- Data storage rooms
- Computer and server rooms
- Archives
- etc.

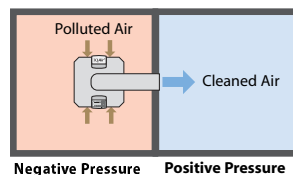
Airborne Infection Isolation

Airborne infection control guidelines and standards for hospitals and laboratories often demand the creation of pressure differentials to control the spread of infectious airborne microorganisms and protect patients, staff and visitors.

With the OutFlow connected to a high-efficiency IQAir air cleaning system, 99.97% particlefree air can be exhausted from or directed into a room. The resulting pressure differences isolate infectious particles in certain areas while other areas can be protected from the infiltration of microorganisms.

Cleanroom Areas

The supply of filtered air to a closed indoor environment reduces air pollution in that area by dilution and the creation of a



protective environment which reduces the influx of polluted air from the outside. With the OutFlow adaptor, the IQAir filtration system can be positioned outside the clean area, thus saving valuable space and reducing noise exposure within the area.

Emission Control

Legislation may prohibit the emission of contaminated air directly to the outdoors. The OutFlow can exhaust HEPA-filtered air outdoors to help meet environmental emission control and health and safety standards.

Quick and Simple Installation

The OutFlow adaptor is easily connected to any IQAir system. The installation only requires a small wall or window aperture. Thus protective environments and airborne infection isolation areas can be created extremely fast at minimum cost, and without lengthy interruptions of the daily working routine.

OutFlow™ Installation Instructions

1. Replace the standard diffuser top of the IQAir system with the TopFlow adaptor.
2. Connect the flexible duct to the TopFlow adaptor with one of the pipe clamps.
3. Insert the wall duct into the wall aperture.
4. From the other side, insert the brown vent into the wall duct and secure the vent to the wall.
5. Place the protective grille over the vent and screw tight.
6. From the near side, insert the back-draft damper into the wall duct and secure to the wall. Ensure that the damper is fitted the correct way round (i.e. not to obstruct the air flow).
7. Attach the flexible duct to back-draft damper with pipe clamp.

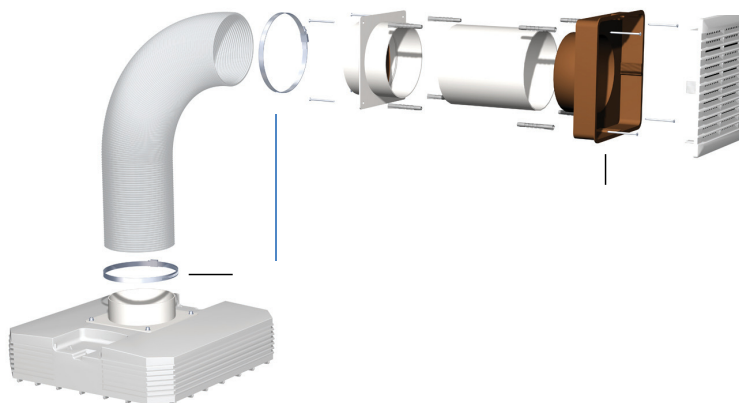
Technical Specifications

Required wall/window aperture:
Diameter: 130 mm (5")

Length of supplied wall ducts:
100 mm (4") and 150 mm (6")

Flexible duct:
Diameter: 125 mm (5")
Extendable length:
250 mm (10") to 1000 mm (40")

Compatible with all IQAir systems and accessories.



The indoor air quality (IAQ) improvements that can be achieved with IQAir devices depend not only on the system performance, but also on factors which are specific to that particular 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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