

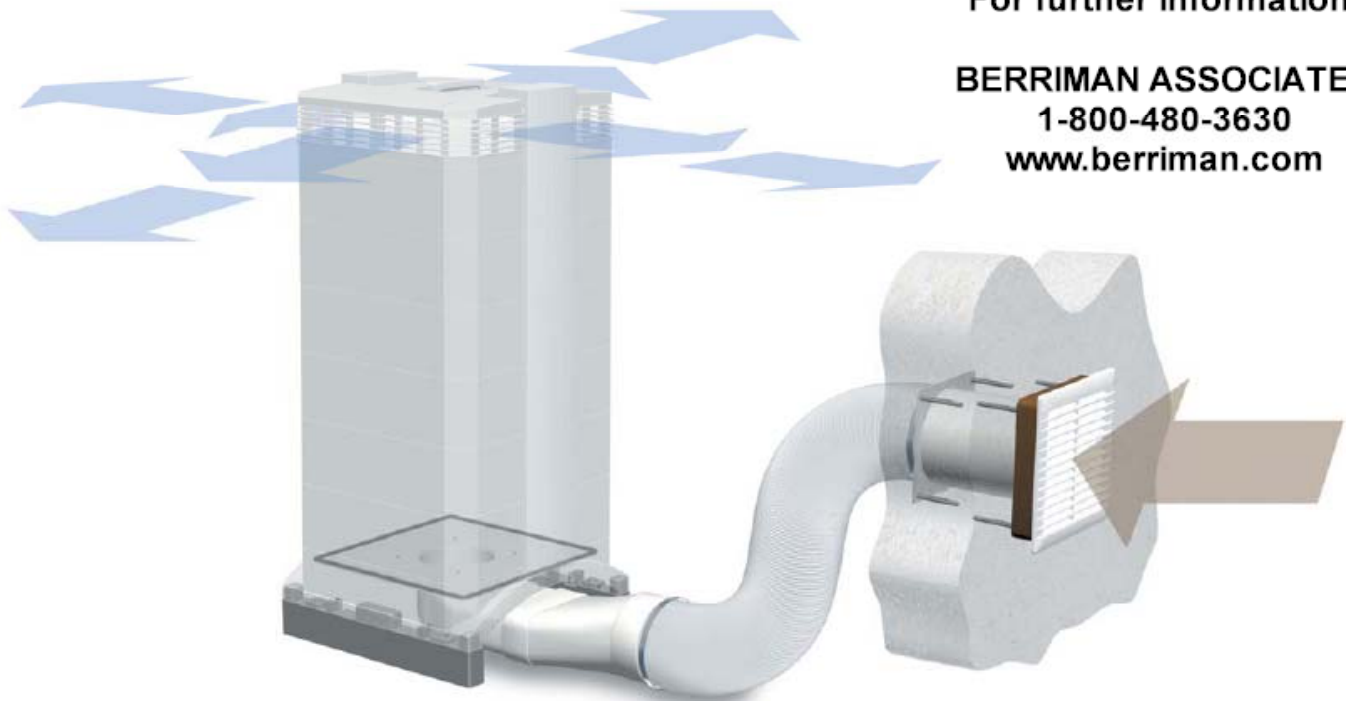
InFlow™ W125: Pressure Ducting Kit for IQAir® Systems

For further information:

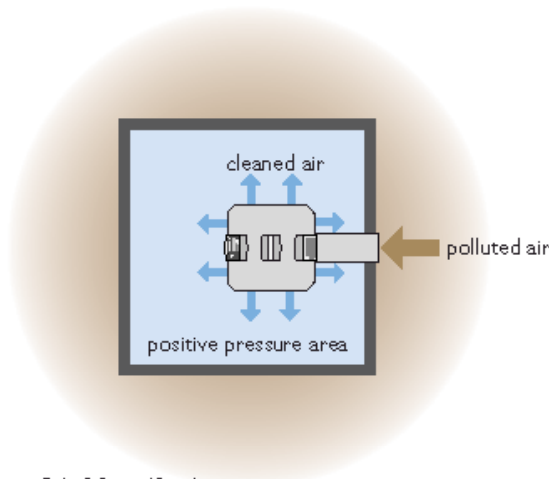
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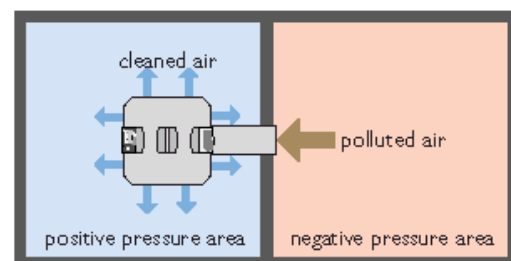


The *InFlow W125* ducting kit enables any IQAir filtration unit to draw outside air through a wall or window vent into an indoor environment.



Clean Air Ventilation

With the *InFlow W125* your IQAir filter unit draws outdoor air into your indoor environment. The set-up ensures that fresh, oxygen-enriched air is stripped from outdoor pollutants before it enters indoors. The positive pressure that is created in the process prevents unfiltered outdoor air to leak indoors through gaps and cracks.



Creation of Pressure Differentials

The *InFlow W125* allows pressure differentials between different indoor environments to be created. Negative pressure environments serve to contain pollutants in isolation areas. Positive pressure protects clean environments from uncontrolled infiltration of airborne contaminants from more polluted areas.

Inflow Pressure Ducting Kit for IQAir® Systems

The *InFlow W125* kit allows any IQAir filtration unit to be adapted to draw outside air through a wall or window vent into an indoor environment. The *InFlow W125* kit can be used to create a clean area, to ventilate a room with fresh, filtered air from outdoors or to create negative pressure or positive 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 positive pressure, which reduces the influx of polluted outside air into the clean area. With the *InFlow W125* kit, the filtration unit is positioned inside the clean area or cleanroom, allowing for convenient control of the unit.

Ventilation

No filtration system can add oxygen to indoor air. Fresh, oxygen-enriched air from outdoors is in any case essential. The *InFlow W125* allows undesirable pollutants to be filtered from outdoor air before it is brought into an indoor environment.

Isolation Areas

The control of airborne pathogens that can lead to the transmission of infectious diseases, like tuberculosis (TB), demands the creation of negative pressure environments. With the *InFlow W125*, the air filtration unit is positioned outside the isolation area. This saves valuable space and reduces noise exposure inside the isolation area.

The *InFlow W125* kit easily modifies any IQAir filtration unit. Simply slide the extension blocks into the air cleaner's base and screw the suction adapter to the base. All that is needed to install the *InFlow W125* ducting, internal flange, wall tube and vent is a 132 mm (5.2") opening in a wall or window. The *InFlow W125* kit includes a damper and a protective mesh grille which prevent backdrafts and entry of coarse particles when the system is not in use. The large 125 mm (5") diameter of the ducting ensures low air resistance, typically reducing the air flow of an IQAir filter unit by only 10-30% (depending on model and fan speed).

The flexible duct may be freely flexed to allow control over the desired vent location. It is expandable in length, from 250 mm (10") in its original compressed state, to 600 mm (24") when fully extended.

Technical Specifications

Aperture Diameter Required: 132 mm (5.2")

Wall Tube Length: 100 mm (4")

Flexible Duct

125 mm (5") diameter

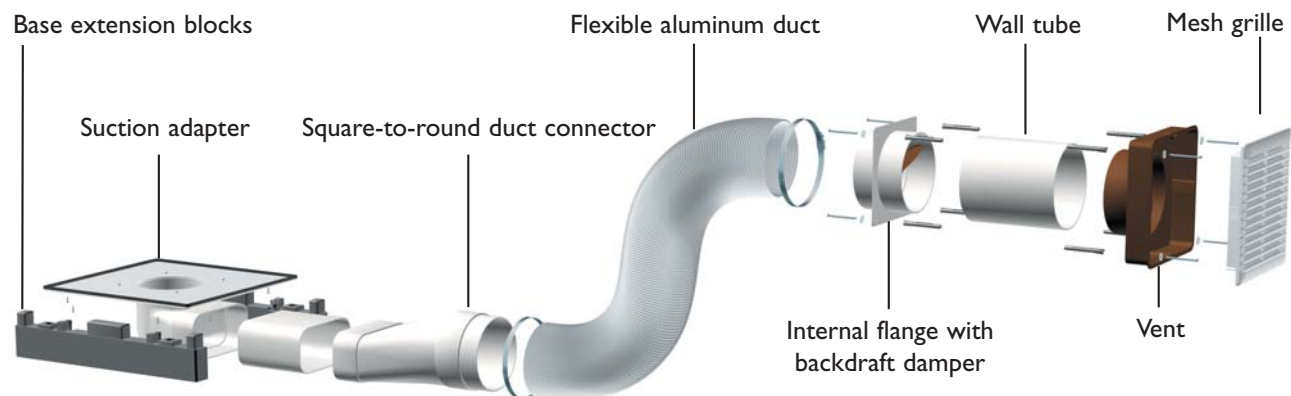
Minimum bend radius: 250 mm (10")

Adjustable length from 250 mm (10") to 600 mm (24")

IQAir Compatibility

Compatible with all IQAir filtration devices.

Not compatible with the accessories PF40, VMF, VM FlexVac and FlexVac.



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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