

FlexVac

Product Summary



Mobile Source-Capture Accessory

The FlexVac kit converts any IQAir filtration unit into a mobile self-contained extraction system that allows the capture of gases, fumes, smoke, vapours, odours, dust particles and microorganisms directly at their source.

Pollution Control Applications

Healthcare Industry

- Laser surgery
- Acupuncture
- Disinfectant control
- Mercury vapor control

Plastics Industry

- Plastic welding
- Injection moulding
- Glueing
- Laser cutting

Laboratories

- Chemical compound control

Chemical and Pharmaceutical Industry

- Chemical compound control
- Powder dust control

Printing workshops

- Solvent control
- Dust control

Computer and Electronic Industry

- Hand soldering
- Wave soldering
- Dedrossing
- Laser marking

Features

Exceptional Reach

The FlexVac kit features a self-supporting suction duct that gives the FlexVac a horizontal reach of up to 1.2 m (4 feet 5 inches) and a vertical reach of up to 1.93 m (6 feet 4 inches).

Exceptional Maneuverability

The mobility of the FlexVac kit is ensured by six casters.

Exceptional Flexibility and Stability

The FlexVac suction duct is made of interlocked polypropylene plastic. This makes the duct stiff enough to be self-supporting and flexible enough to allow for convenient positioning. The 125 mm (5") diameter suction duct can be bent, twisted and turned into virtually any position and will remain in place until repositioned.

Exceptional Suction Power

The FlexVac kit has exceptional direct source capture power for a system of its size and reach. At a typical air flow of 250 m³/h (150 cfm) the air velocity in the suction duct is approx. 17 ft/s or 12 mph.

Exceptional Durability

All FlexVac components are designed for outstanding durability. The suction duct is made of shatterproof and chemically resistant polypropylene. It has flame retardant characteristics, resists abrasion and withstands temperatures from -25 to 82°C. The support column and base platform are made of powder coated steel.

Ease of Use

Due to its self-contained design the IQAir extraction system requires no venting or ducting to the outside. This makes the system completely mobile, saves energy and expensive building conversion work. Assembly of the FlexVac kit takes just a few minutes and all required tools are supplied.

Easy Maintenance

Dust deposits inside the suction duct and the internal ducting are minimal since there are no internal support structures. The FlexVac kit is easily dismantled for cleaning.

IQAir Compatibility

Compatible with all IQAir filtration devices. Not compatible with the accessories PF40, VMF, VM FlexVac and VM InFlow.