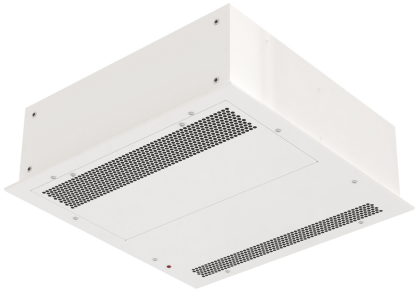
# K7 770 HEPA| Fan filter unit (FFU)

## Characteristics

**K7 HEPA cleans and purifies the air thanks to three stages of filtration adapted to EN779 and EN1822 standards, the latter including H14 absolute filters with an efficiency of 99.995%.**

**The air recirculated through the G4, F7 and H14 filters retains viruses, bacteria, allergens, mould, odours and volatile organic compounds (VOCs) present in the environment, and returns to the interior free of polluting particles.**

**The area of application is varied: hospitals, laboratories, food preservation, public spaces, educational centres, means of transport, offices, veterinary or shopping centres...**

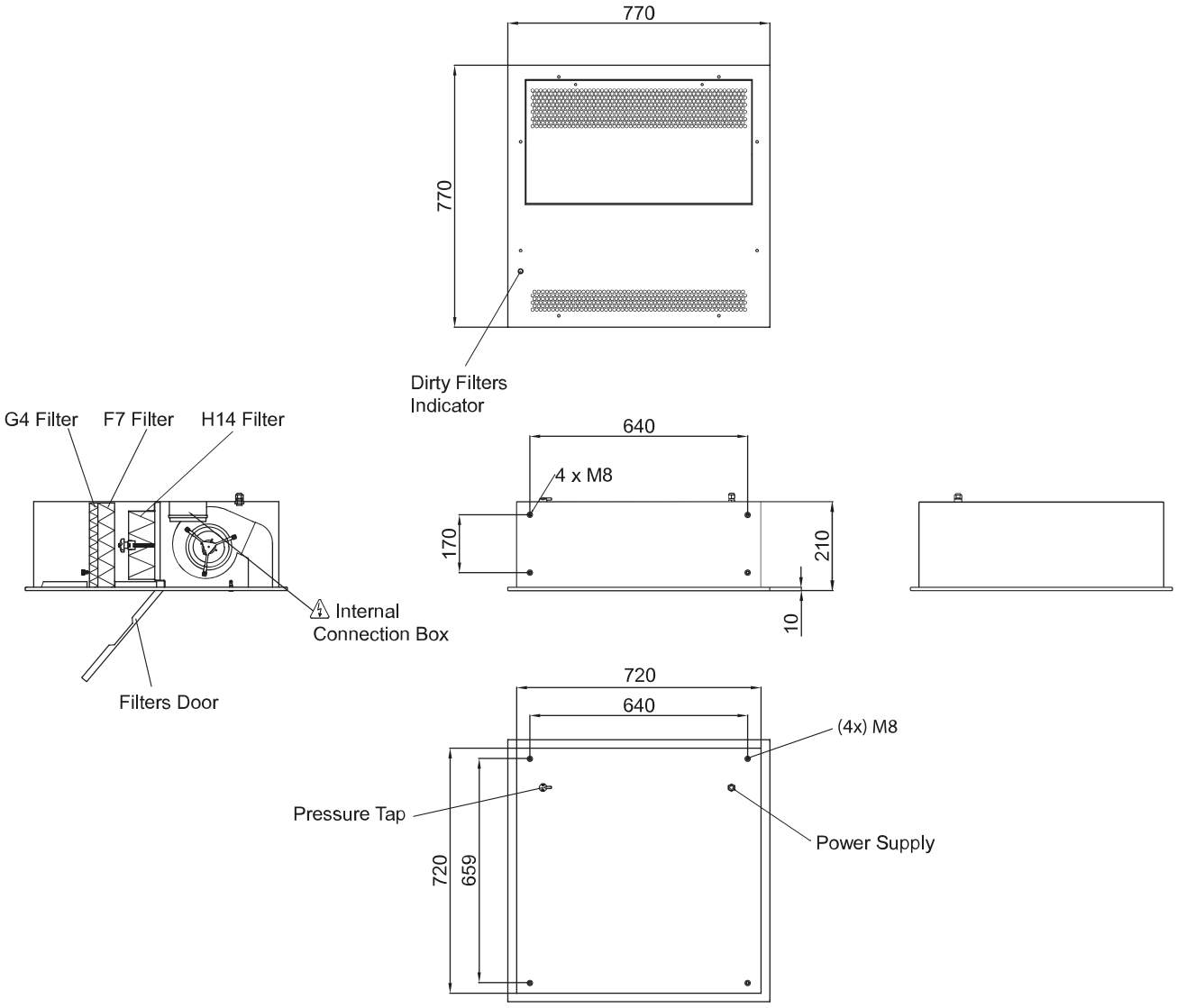


- High efficiency air filtration and purification unit with three filtration stages:
  - G4 (ZLM) pre-filter according to EN779 standard
  - F7 intermediate filter according to EN 779 standard
  - H14 absolute filter with 99.995% efficiency according to EN 1822 standard and sealed with polyurethane for 100% air filtration
- The continuous recirculation of indoor air through the three filtration stages guarantees the purification of the air by eliminating particles and pollutants such as: dust, pollen, spores, bacteria, viruses and fine particles PM10, PM2.5 and PM1. Upon request, it can incorporate an activated carbon filter to eliminate gases and odours.
- Self-supporting casing construction made of galvanized steel plate, ready to be installed recessed in a false ceiling.
- Inlet grille (free of maintenance) and blow-out nozzle, integrated in a white frame colour RAL 9016. Other colours are available on request.
- Easy access service tray to do the filters maintenance.
- Double-inlet centrifugal fan driven by an external EC rotor motor with low noise level and very low consumption. Self-regulated to maintain the airflow at 300m3/h.
- Visual indicator for dirty filter alarm by differential pressure switch.

## Specifications

| Model | Tension (V (50 Hz)) | Current fans (A) | Power fans (kW) | Speed (rpm) | Air Flow ($m^3/h$) | Maximum Pressure (Pa) |
|---|---|---|---|---|---|---|
| K7 770 HEPA | 230Vx1 | 0,7 | 0,061 | 2380 | 300 | 570 |

## Dimensions


770
770
Dirty Filters
Indicator
G4 Filter
F7 Filter
H14 Filter
640
4 x M8
170
210
10
Internal
Connection Box
Filters Door
720
640
(4x) M8
Pressure Tap
Power Supply
720
659