

F20

With a diameter of only 350 mm, the Freshfilter F20 is the compact choice in Cabin Air Filtration



F20 - Cab Air Quality System

Despite its compact design, the Freshfilter F20 is characterised by its high filtration capacity.



Air is drawn in against gravity which creates the advantage of the majority of dust particles being filtered in a natural way. Due to the vertical shape of the F20, dust particles are also 'shaken loose' by the shaking and movement of the machine. This extends the lifespan of the filters immensely.



Due to its round shape, incorrect insertion of the filter is impossible. The radial fan ensures a uniform 360° air flow suction for an optimal air distribution over the entire filter medium. This technology also has a positive effect on the noise level, with the F20 being comparatively quieter than other systems.



It is important to combine the right filter elements for each application. The compact F20 has space for a 3.3 kg activated carbon filter. If the concentration of pollutants is high (dust and toxic fumes), the F20 compact can be expanded with a higher hood. This allows an increased P1 / P3 dust filter and a 10 kg activated carbon filter to be installed.

The operating and monitoring units in the cabin (F3000 and F6000) are used to regulate the pressure inside the cabin automatically and sound an alarm when needed to protect the operator.

F20



Technical Specifications & Filter Combinations

All Freshfilter F20 systems are constructed of stainless steel and robust assembly parts to suit Australian industrial and commercial environments and standards.

Technical data F20

Diameter	350 mm
Height	430 mm (830 mm with high cap)
Weight	13 kg without Filters
Voltage	12 or 24V, 240W
Controller	F3000 / F6000
Max. Pressure	440 Pascal, 120m 3/h
Meets all requirements of the	ISO23875 / NEN4444 / CROW400 / INRS
Dust filtration	P1 (ISO16890) / P3 (EN1822/H13)
Gas filtration	3,3 kg or 10 kg active carbon (EN12941 / EN14387)

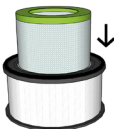
Filter combination F20 with a low cap

Filter combination F20 with a high cap (optional extension)



VF203011EU513

P1 / P3 Combination filter (EN1822/H13)



KF202411ABEK *

Activated carbon filter ABEK
3,3 kg (EN12941 / EN14387)

VF202411EU513

P1 / P3 Combination filter (EN1822/H13)



KF611211ABEK *

Activated carbon filter ABEK
10 kg (EN12941 / EN14387)

VF613024EU513

P1 / P3 Combination filter (EN1822/H13)

* In addition to active carbon filters type ABEK, other combinations are also possible, e.g. B, A, AB, AK