

FILTRATION AND VENTILATION UNIT FVZ-98M(NG)

DESCRIPTION:

FVZ-98M(NG) ensures the protection of the required area and its supply with filtered air even under the conditions of use of WMD. The sophisticated control system of FVZ-98M(NG) is able to automatically maintain the required positive pressure in the protected area at a constant level and to respond to possible leakage of the protected area. The three-stage filtration system ensures a dust separation of more than 99.95 % (filtration class H13 according to ČSN EN 1822-1).

Compared to the previous model FVZ-98M(KP), the following innovative elements have been implemented into FVZ-98M(NG):

- CO₂ sensor;
- Air quality control based on CO₂ concentration;
- Integration of interface for CAN communication;
- The equipment is primarily equipped with collective filter KFM-200 and is ready for installation with and equivalent foreign collective filter if required by the customer.

BASIC COMPONENTS OF FVZ-98M (NG):

- filtroventilation unit;
- filters;
- control box;
- sensor CO₂.

BASIC TACTICAL AND TECHNICAL DATA:

• Dimensions	530 × 780 × 540 mm
• Weight without filters	59 kg
• Nominal air flow	100 m ³ · h ⁻¹
• Maximum air flow (KFM-200)	200 m ³ · h ⁻¹
• Positive air pressure (protected area)	300 Pa
• Rated voltage	24 V DC
• Ambient temperature (operating)	-32 °C až +50 °C

