

VEHICLE FILTER AND VENTILATION DEVICE

UFS.B2.01-75FW/24V,w.G1





Air filter and ventilation devices of UFS.B2.01 type provide an overall protection of an interior space of any personnel facility against CBRN external effects of chemical, biological, radiological and nuclear contaminations as well as selected toxic industrial substances.

UFS.B2.01 vehicle air filter and ventilation device of UFS.B2.01-75FW/24V,w.G1 type, provides an overall protection of people and equipment inside of an interior space up to 10 m³ volume of both stationary facility as well as those designed for land transportation, including cabs (for 122 mm self-propelled howitzer 2S1 "Goździk"), wagon chassis and container vehicle based chassis.

Air filter and ventilation device of UFS.B2.01-75FW/24V,w.G1 type is capable to operate in the following working modes: CBRN filter and ventilation mode or simple ventilation mode.

TECHNICAL PARAMETERS

Total weight	42 kg
Dimensions (length x width x height)	790 x 385 x 348 mm
Rated voltage (tolerated limits)	27,6 VDC ±0,5 V (acceptable from 22 to 30 VDC)
Rated current	2 A
Volume of emitted noise	less than 60 dB
Operation life	20 years
Main overhaul	after 10 years
Combined filter	FPT-100B
Nominal air flow in filter and ventilation mode	75 ±10% m ³ /h
Nominal air flow in ventilation mode	110 ±10% m ³ /h
Adjustment of the air flow	from 20 m ³ /h to nominal airflow
Maintenance of air overpressure in facility	from 100 to 350 Pa
Registration of work time (h)	total work; work in filter and ventilation mode
Range of operation temperatures	from -30°C to + 50°C