

CBRN CASSETE TYPE FILTER

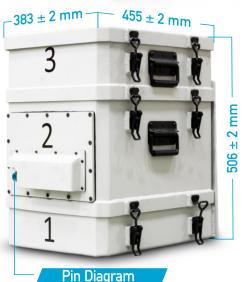






CBRN CASSETE TYPE FILTER

MARS - FT80



- It can be used in ground control rooms and military vehicles.
- It can be used in 2 different modes as ventilation and filtration.
- It consists of three different cabins. During the filtration process,
 the suction cabin and the filter cabin are replaced and the Filtration mode is started.
- It is resistant to corrosion for at least 10 years.
- It has 16-32 VDC power consumption.





Connector 24VDC

Power

GND

GENERAL FEATURE

It gives an error when the pressure difference is below the set value.

CA3102E10SL4PB

Α

В

With the blast valve support, high pressure is thrown out of the valve.

Pressure measurement with digital display.

It can be used with 2 modes as filtration mode and ventilation mode.

Pre-Filter: It is used for particle filtering.

Partikül Filtreleme %99.97

Carbon Filtration: It is used for Gas Filtration.

Shelf life: 10 years.
Voltage: 16 - 32 VDC

Filtration Air Flow: 80m³/h

Number of Protectable Staff: 4-12 Staff

Max. Working Height 3000 meters

Operating temperature -30°C / +55°C

Storage Temperature -40°C / +71°C

CERTIFICATIONS

AEP-54	Collective Protection in CBRN
MIL-PRF-14512	Gas Filter Standard
MIL-DTL-52011F	Particulate Filter Standard
MIL-C-38999	Military Connector
MIL-DTL-27500	Special Purpose, Electrically Protected
	and Unshielded Cables
MIL-STD-461E	Military Electromagnetic Compatibility
MIL-STD-810G	Military Environmental Conditions

	STANDARDS	
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ISO 9001 2015	Military Connector
ISO 14001 2008	Special Purpose, Electrically Protected
	and Unshielded Cables
ISO 27001 2013	Military Electromagnetic Compatibility





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KBRN filtration systems contaminated against mass destruction weapons, biological attacks and industrial leaks used to filter the air.

- Hermetic (leak proof) vehicle is to be applied.
- Dirty air is passed through high protection filters and filtered fresh air is delivered to the vehicle.
- The pressure in the vehicle increases with constant air flow until it opens the high pressure valve.
- The incoming excess air is discharged through the high pressure valve, keeping the pressure level constant.
- The pressure created by the fresh air inside the vehicle prevents dirty air from entering from outside and provides full protection.



