



**CBRN
FILTRATION
SYSTEMS FOR
SHELTER AND
BUNKER**



CBRN FILTRATION SYSTEMS FOR SHELTER AND BUNKER

Showing the difference between external pressure and internal pressure on the screen, it gives pressure information. External pressure info is delivered to the sensor within the unit via pneumatic hose and it shows the difference with internal pressure on the screen. It gives audio and visual warning under the adjusted pressure value. It has dimout, alarm muting, built-in test features. Requested pressure difference warning can be adjusted manually.

GENERAL INFO

Air Flow Rate	80 m ³ /h (47cfm)
Power	160 m ³ /h (94cfm)
Operating Temperature	-32°C – +49°C
Storage Temperature	-40°C – +63°C
Operating Voltage	28V DC
Flow	Max. 7,5A @ 24V DC
Weight	36 ± 2 kg
Dimensions	383 x 455 x 506 mm (Width x Depth x Height)
Filters	“HEPA” filter for particulate filtration “Active carbon” filter for gas filtration
Approves	TNO ve Tübitak
Number of Crew To Be Protected	4-12 (opsiyonel)
Positive Pressure	100-800 Pa
Control Box Option	Digital - Analog
Overpressure Relief Valve Options	Adjustable - Fixed (optional)

MIL-STD-810

- Low Temperature Storage
- Low Temperature Operation
- High Temperature Storage
- High Temperature Operation
- Low Pressure(Altitude)
- Vibration (Profile: NATO STANAG-4370
AECTP-400 Ed.3, Figure B-4)
- Shock (Procedure I, Functional Shock)

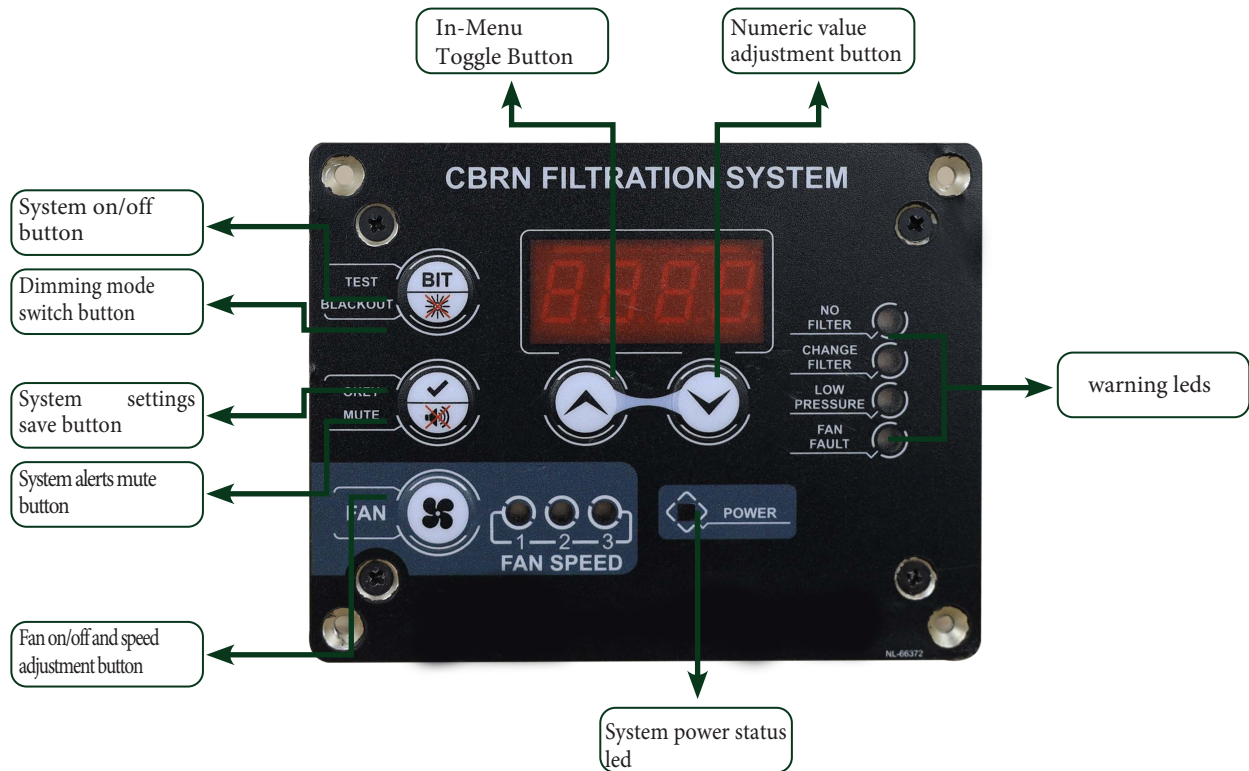
- * Shock Duration: TD= 11ms
- * Max. Acceleration: TP= 40g
- * Shock Profile: Saw tooth
- Nem

MIL-STD-461 (Ground, Army)

- CE102
- CS101
- CS114
- CS115
- CS116
- RE102
- RS103

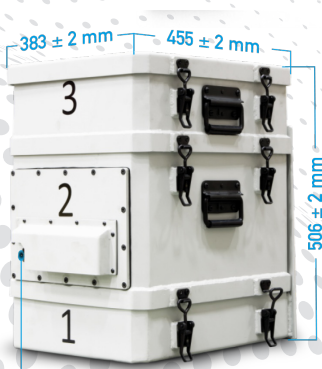
- ANSI/ASME
- NATO AEP-54
- MIL-PRF-14512
- MIL-F-52011F
- IPC/WHMA-A-620
- VG 95343 Part 14
- MIL-DTL-38999

CONTROLLER BUTTON FEATURES



TECHNICAL SPECIFICATIONS

Communication	Canbus
Filter Pre-Counter	Available
Pressure indicator	Digital
Buzzer	Available
Fan Speed Adjustment	3 Stage
Low Pressure Alert	Available
Fan Error Warning	Available
Manuel Test	Available
AEP54	Compatible



ADJUSTABLE PRESSURE RELIEF VALVE



The vehicle to be applied must be completely hermetic (sealed). Dirty air is passed through high-protection filters and filtered clean air is supplied to the vehicle. The pressure in the vehicle rises with the continuous flow of air until it opens the balancing valve. By keeping the pressure level constant, the incoming excess air is discharged from the pressure balancing valve. The pressure created by the clean air inside the vehicle prevents the polluted air from entering from outside and provides protection.

MIL-STD-810 High temperature	MIL-STD-810 Low Temperature	MIL-STD-810 Humidity Test	MIL-STD-810 Corrosion Test	MIL-STD-810 Shock Vibration
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DIMENSIONS

Weight: 0.60 kg
 Width: 86mm
 Depth: 86mm
 Height: 75mm

COLORS

 RAL6071
  RAL6019
  FS 33245
  RAL 9010
  RAL 6031

CONSTANT PRESSURE RELIEF VALVE



Blast valves are produced as relief valves in Positive Pressure CBRN Systems produced in NATO AEP54 standards. The blast valves that relieve the excess pressure of the CBRN system formed under suitable conditions are adjustable. Blast valves, which have an adjustable spring structure at desired pressures, can also be produced in special sizes according to the user's request.

DIMENSIONS

Weight: 1.5 kg
 Diameter: 250 mm
 Width: 132 mm

COLORS

 RAL6071
  RAL6019
  FS 33245
  RAL 9010
  RAL 6031