

FT-80 OVERPRESSURE FILTRATION SYSTEM



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Showing the difference between external pressure and internal pressure on the screen, it gives pressure information. External pressure info is delivered to the sen-sor 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

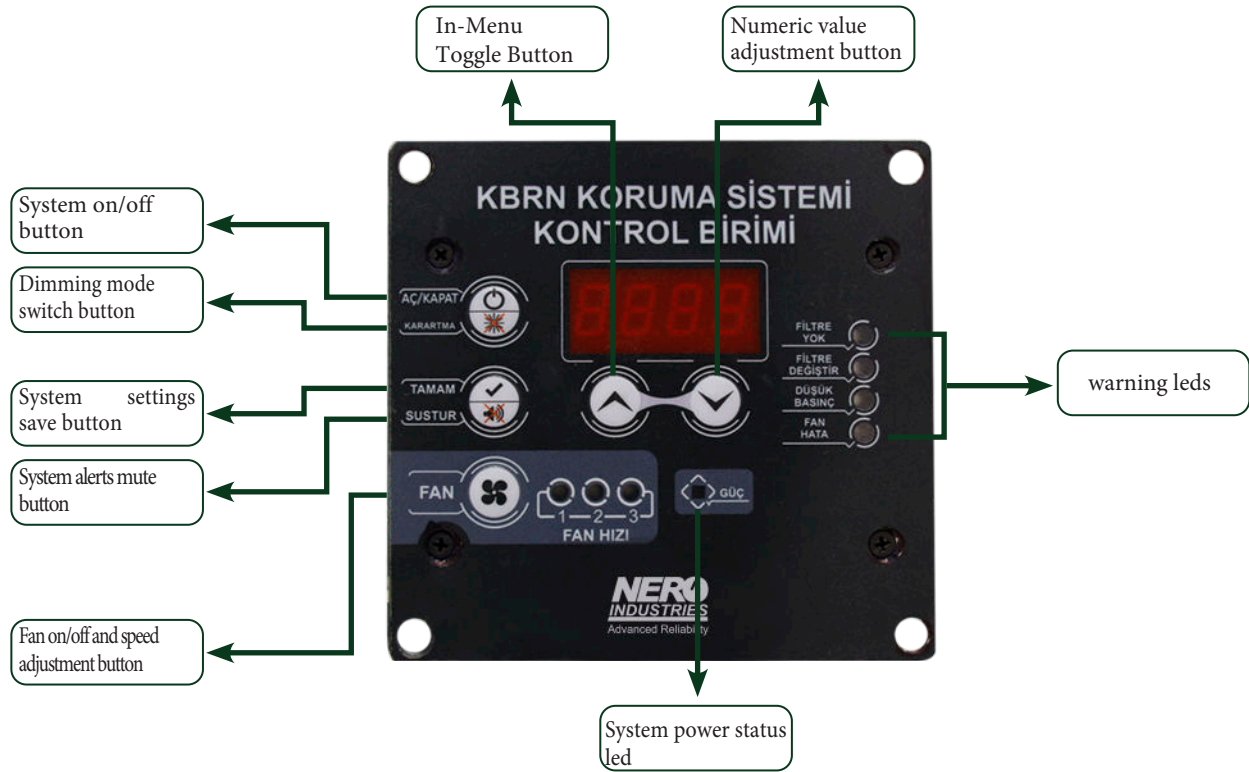
MIL-STD-461 (Ground, Army)

- 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

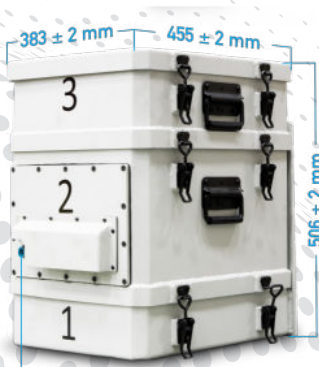
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CONTROLLER BUTTON FEATURES



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 |



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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

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