



... and life goes on !



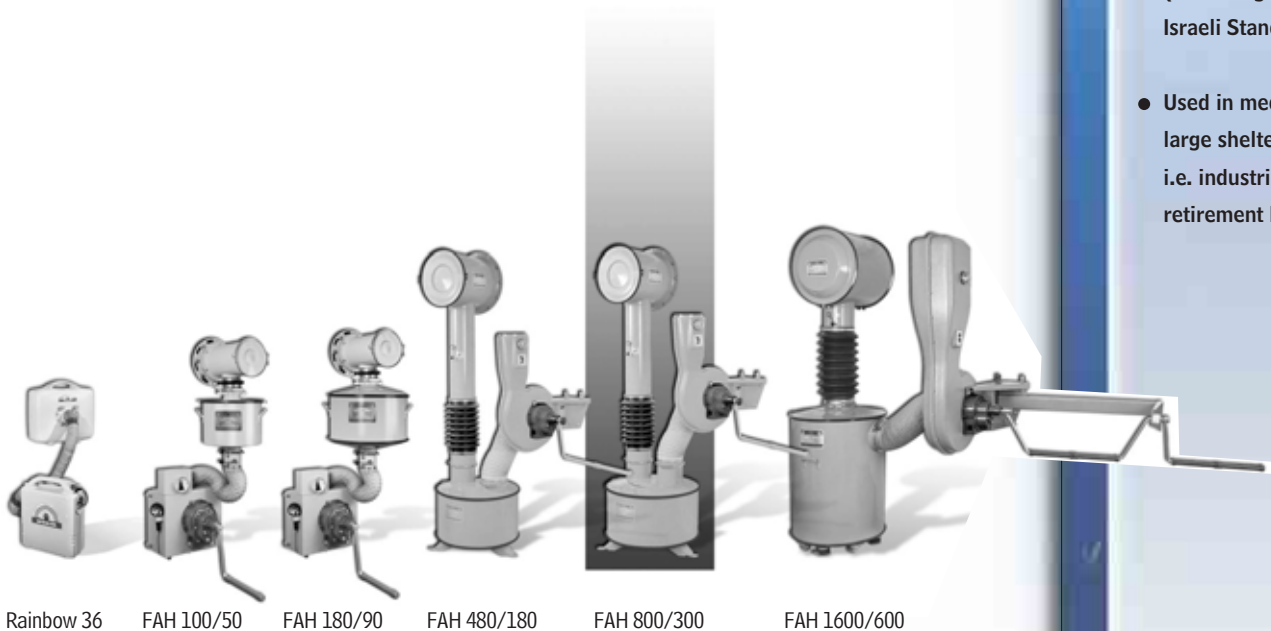
NBC Filtration System

Type FAH 800/300

Certified to compliance with the
Israeli Standard 4570 by the
ISRAELI STANDARDS INSTITUTION and
the **ISRAELI CIVIL DEFENCE COMMAND**

Features:

- NBC-Protection for 50 Persons (according to Israeli Standard)
- Used in medium-large shelters, i.e. industries, retirement homes



Rainbow 36

FAH 100/50

FAH 180/90

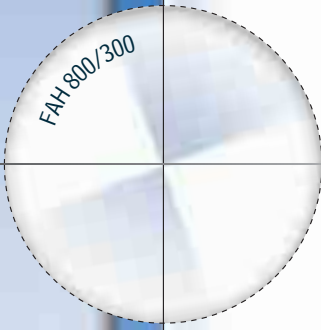
FAH 480/180

FAH 800/300

FAH 1600/600



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Certifications:

- Tested and certified by the Standards Institution of Israel and the Israeli Institute for Biological Research
- Approved by the Civil Defence Command
- CE - Hallmarks for Electrical Safety and EMI compliance
- Quality Control according to ISO 9001 and AQAP 120



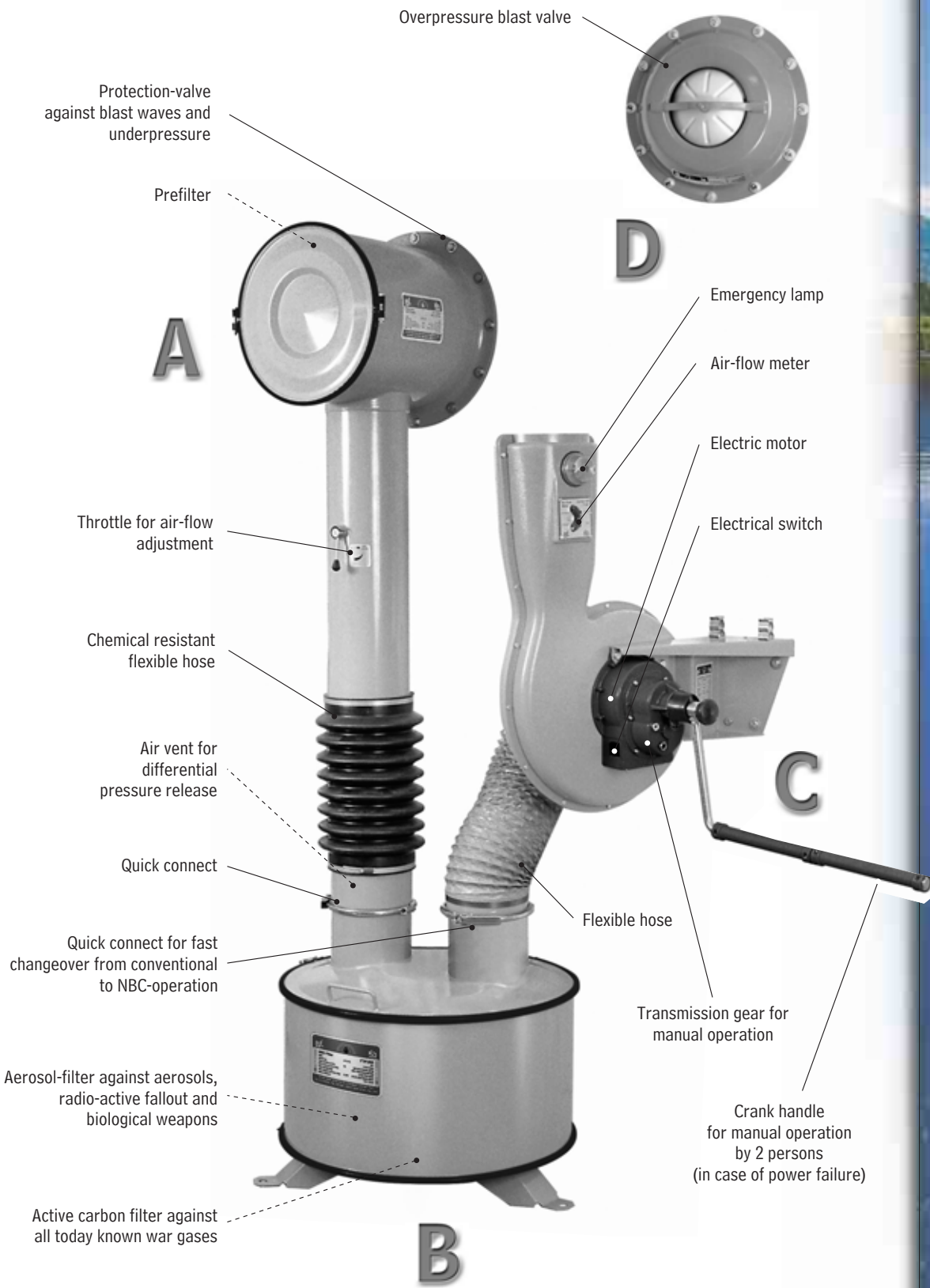
Description Type FAH 800/300 :

The NBC-Filtration System Type FAH 800/300 is a collective filtration system for airtight shelters and compartments, certified to supply 800 m³/h (470 cfm) fresh air and 300 m³/h (175 cfm) filtered air. The system provides filtered air in the case of NBC (Nuclear/Biological/ Chemical) warfare, or fresh air in the case of conventional warfare.

The system creates overpressure inside the protected area providing a safe and comfortable environment without the need for gas masks or protective clothing. The system is operated by normal electric power with manual backup in case of power failure.

A Blast Valve with Prefilter ESVF 803:			
Pressure durability:		300 (42)	kPa (psi)
Pressure drop:	Ventilation mode	280 (1.10)	Pa (inch WC)
	Filtration mode	40 (0.16)	Pa (inch WC)
B NBC-Filter HF 300 E:			
Air flow rate:		300 (175)	m ³ /h (cfm)
Pressure drop:		600 (2.4)	Pa (inch WC)
Weight of active carbon:		22.5 (49.6)	kg (lbs)
Total weight:		75.5 (166.5)	kg (lbs)
Separation efficiency with particle size of 0.3 micron:		99.999	%
C Blower LH 800/300:			
Air flow:	Ventilation mode	800 (470)	m ³ /h (cfm)
	Filtration mode	300 (175)	m ³ /h (cfm)
Air pressure:	Ventilation mode	740 (2.9)	Pa (inch WC)
	Filtration mode	1210 (4.8)	Pa (inch WC)
Electric motor:	Voltage (single phase)	230	Volt
	Current	2.1	Ampere
Manual operation:		2	Person
Noise level:		69.0	dB(A)
D Overpressure Blast Valve A 803:			
Pressure durability:		300 (42)	kPa (psi)
Pressure drop:	Ventilation mode	270 (1.1)	Pa (inch WC)
	Filtration mode	140 (0.6)	Pa (inch WC)

Specifications are subject to change without prior notice



SYSTEM FEATURES

- Additional performance capabilities for use in subtropical and tropical environment
- High blast protection according to the experiences of the Gulf War
- Manual backup in case of external power disruption

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