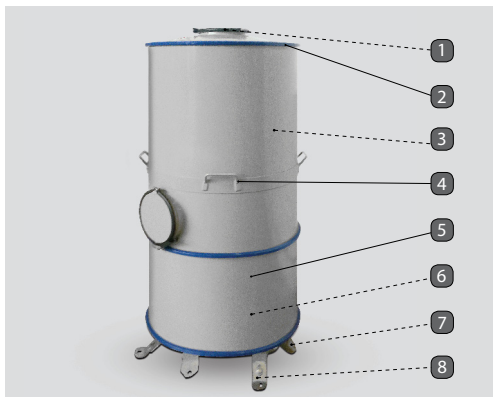


# Collective NBC-filter unit

Type HF 1800 E



## Operation

In an emergency, the NBC filter unit is attached to the filtration system. When not in use, the lids are refastened to retain maximum efficiency by avoiding the penetration of humidity.

### Illustration:

1. Air vent for internal release of over/under pressure
2. Quick connector for easy opening and closing of lids
3. Activated carbon to filter all known war gases
4. Handles for manual and crane operation
5. Heavy duty steel housing of 2 and 3 mm (0.08" – 0.12") sheet metal, phosphate treated and finished with a powder coating
6. Mechanical aerosol filter
7. Shock absorber for floor connection
8. Casters for easy rolling

## Overview

The collective NBC-Filter Unit **HF 1800 E** is designed to filter chemical, biological, and nuclear contaminants. The filter conforms to the Israeli Standard 4570 and each filter is thoroughly tested during production and assembly to provide complete filtration. They are delivered hermetically with a tamper-proof seal to ensure longevity and security control.

### PRODUCT USE:

- Must be installed inside the shelter as part of an NBC filtration system
- Can be connected in parallel to form large filter banks
- Should only be installed together with equipment manufactured by Beth-El Industries to ensure maximum performance

### OPTIONAL ACCESSORIES:

- Vertical pipe with airflow meter
- Differential manometer
- Flexible hoses with adapter for quick connector



Certified Quality Assurance Program According to **AQAP-2110**



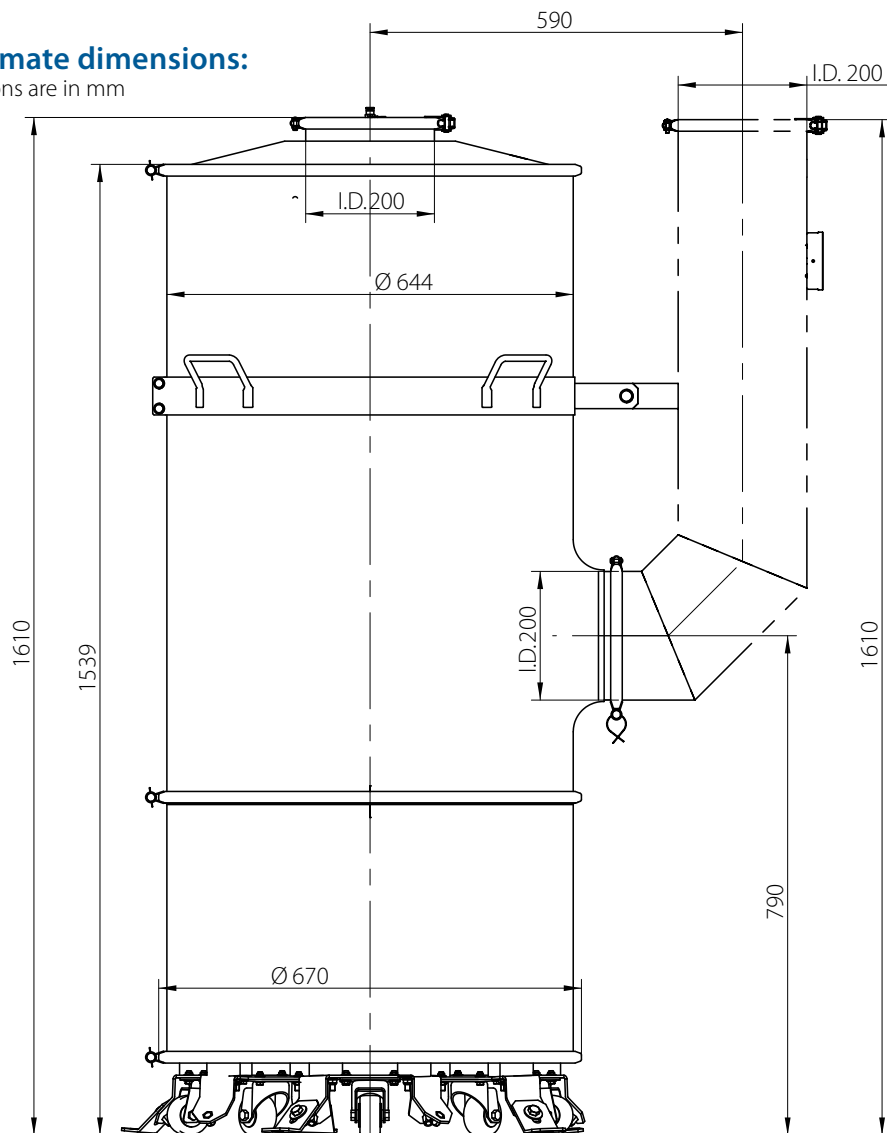


### CERTIFICATIONS:

- Tested and certified by the Standards Institution of Israel and the Israeli Institute for Biological Research
- Approved by the Civil Defence Command of Israel
- Quality control according to ISO 9001
- Quality assurance AQAP 2110

### Approximate dimensions:

all dimensions are in mm



### Maintenance:

The NBC filter unit is generally maintenance-free; however, it is highly recommended to have the filter checked once a year for additional weight and to verify proper functionality.

#### Specifications for NBC- filter unit type HF 1800 E:

Flow rate:	1800 (1065)	m <sup>3</sup> /h (cfm)
Initial pressure drop:	1750 (6.9)	Pa (Inch WC)
Total weight approximation:	298 (656)	kg (lbs)
<b>Aerosol filter:</b>		
Separation efficiency (with particle size of 0.3 micron)	99.995	%

Specifications are subject to change without prior notice.

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