

NBC Filtration System VA-75

Function of gas filter

The polluted air first passes through the absolute filter which retains the finest impurities, solid, liquid and radioactive particles. Then the air flows through the activated carbon filter which can absorb gases by physical and chemical action.

VA-75

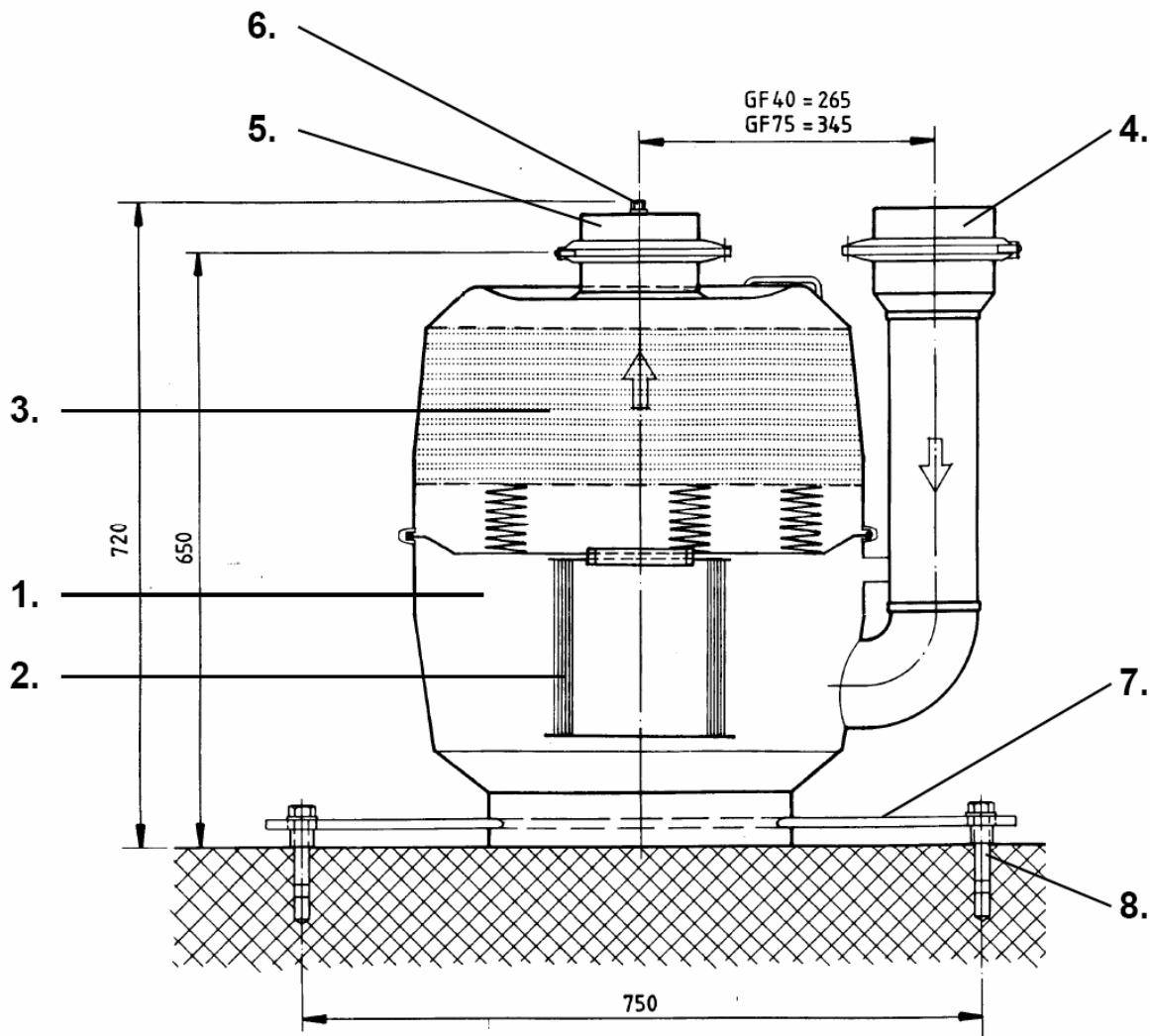
-Sectional drawing

Consisting of:

1. Filter casing
2. High efficiency filter
3. Activated carbon filter
4. Air inlet with closure
5. Air outlet with closure
6. Pressure compensation screw
7. Floor fastening bracket
8. Steel dowels

Adsorption capacity

| Substitute gas | | Test concentration | Adsorption capacity of carbon |
|------------------|---|--------------------|-------------------------------|
| | | g / m ³ | g / l |
| Chloropicrin | d | 16 | 220 |
| Chloropicrin | m | 16 | 110 |
| Chlorocyanide | d | 5 | 45 |
| Chlorocyanide | m | 5 | 45 |
| Hydrocyanic acid | d | 2 | 20 |



Gas filter VA-75

Design according to the directives of the Swiss Federal Office of Civil Defense. Type tested and approved by the Armament Technology and Procurement Group.

Consisting of:

Filter casing, high efficiency filter, activated carbon filter, air inlet with closure, air outlet with closure, pressure compensation screw, floor fastening bracket, steel dowels, plastic cover

Type of gas filter VA-75:

Attest Nr. T 75-003

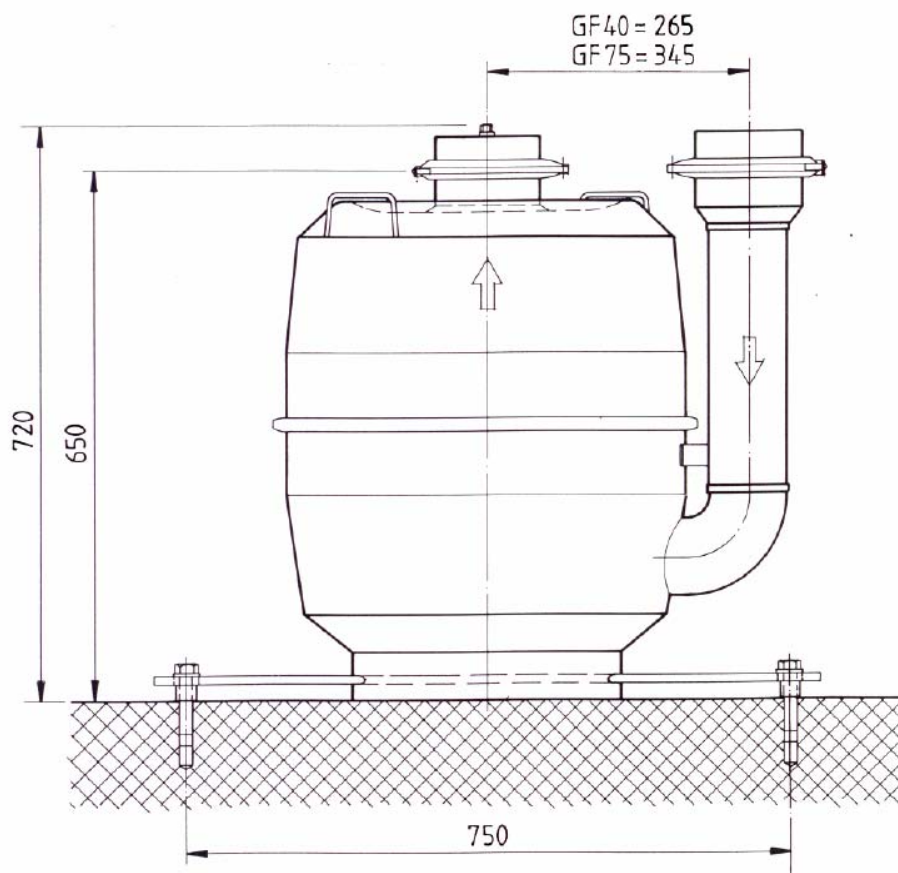
Air rate 75 m³ / h

Pressure drop approx. 460 Pa

Approx. weight 42 kg

Function:

The gas filter absorbs chemical and bacteriological bodies from the fresh air.



| | |
|-------------------------------------|-------------------|
| GF-75 | |
| dowel type | Hilti HST M 10/50 |
| quantity | 2 pieces |
| borehole diameter | 10 mm |
| borehole depth | 110 mm |
| tightening torque | 45 Nm |
| quantity of floor fastening bracket | 1 piece |
| slotted hole diameter | 13 mm |