

NBC – Filtration System VA-150

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.

Shock resistance

VA-150 max. Velocity 1.6 m/sec

VA-150

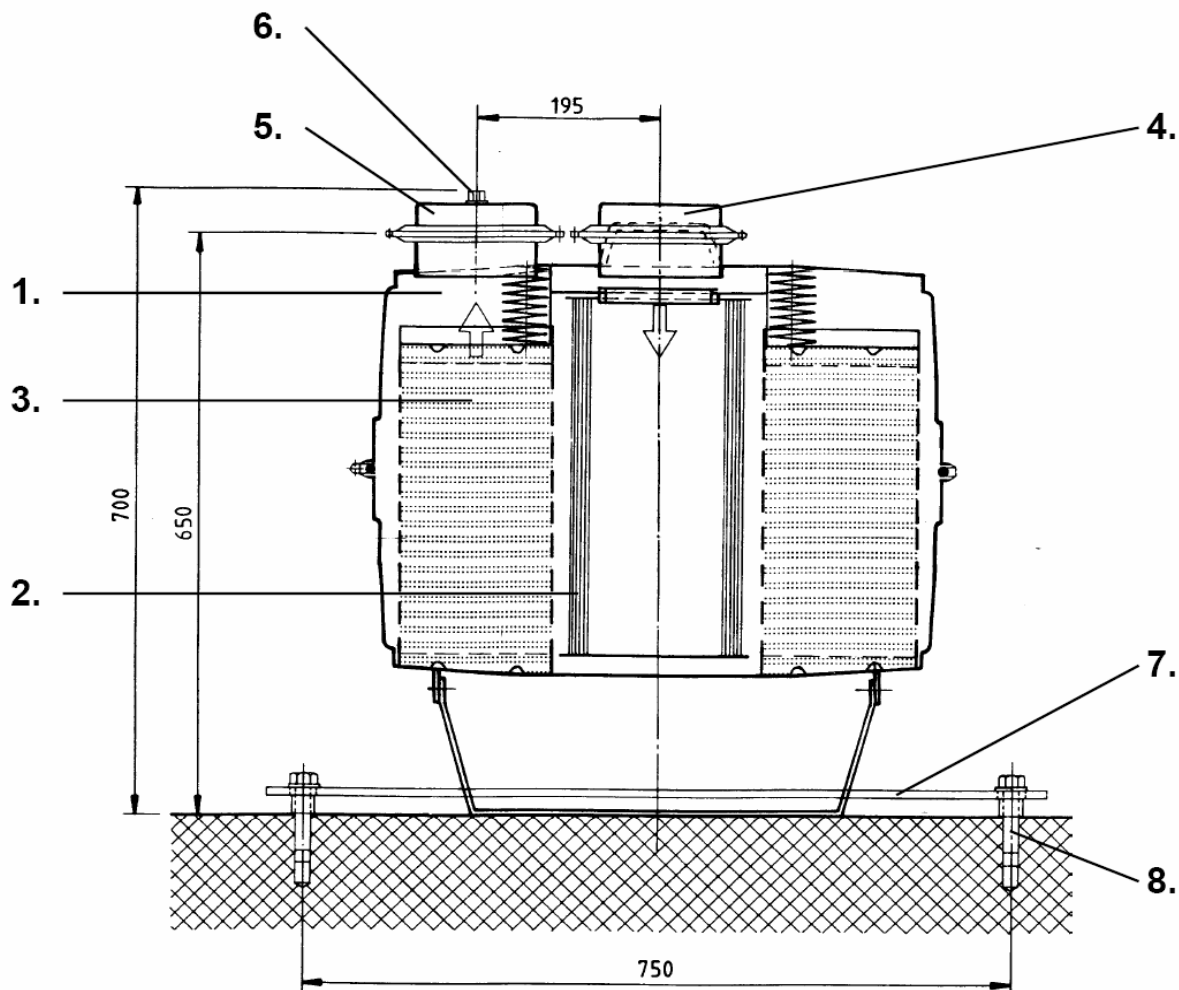
-Sectional drawing

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-150

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 GF-150:

Attest Nr. T 89-009

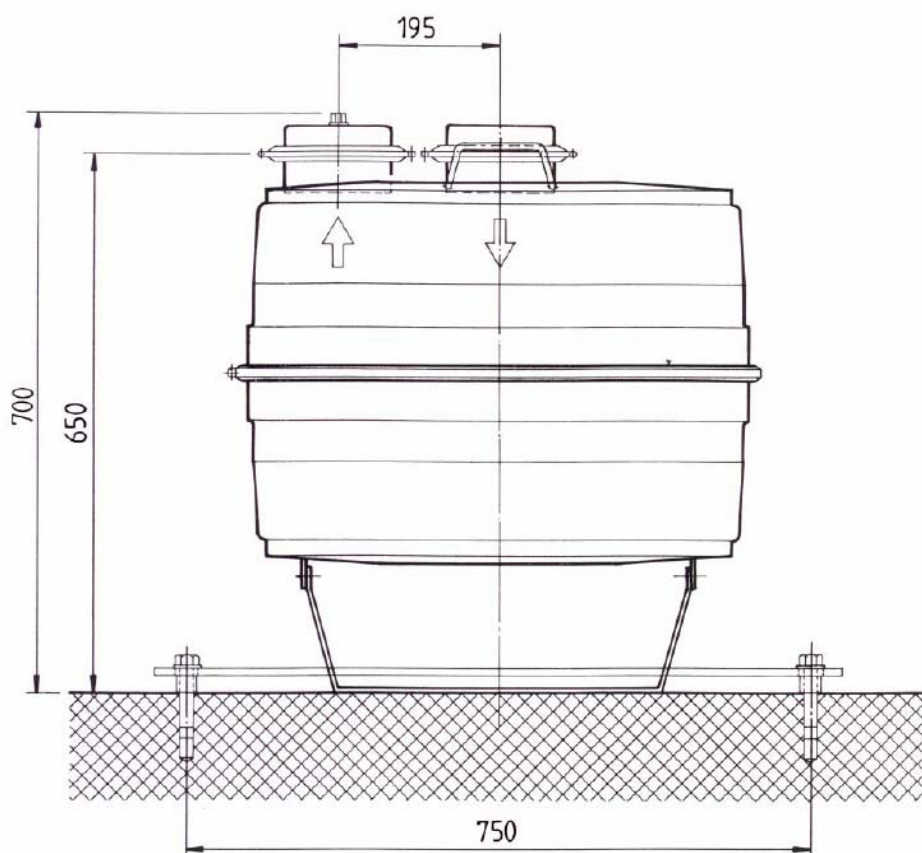
Air rate 150 m³ / h

Pressure drop approx. 400 Pa

Approx. weight 66 kg

Function:

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



A: basic protection 1 bar		
B: 3 bar		
Gasfilter GF-150	A	B
dowel type	Hilti HST M 10/50	Hilti HST M16/50
quantity	2 pieces	2 pieces
borehole diameter	10 mm	16 mm
borehole depth	110 mm	145 mm
tightening torque	45 Nm	125 Nm
quantity of floor fastening bracket	1 piece	1 piece
slotted hole diameter	13 mm	bore open 18 mm