

ACTIVATED CARBON FILTER UNITS



AKA 10 fixed in a closed equipment container

Remediation of groundwater with activated carbon filter units

FIELD OF USE:

Contamination of ground water with organic substances (diesel, heating-oil, petrol, CHC) in medium and high concentrations.

TECHNICAL DATA*

PARAMETER	AKA 5	AKA 10	AKA 50	AKA 100
Dimensions l x w	3 m x 2 m	6 m x 3 m	6 m x 6 m	6 m x 12 m
Transport weight	approx. 600 kg	1,500 kg	5,000 kg	1,000 kg
Nominal water capacity	5 m ³ /h	10 m ³ /h	50 m ³ /h	100 m ³ /h
Sand filter size	0,5 m ³	0,8 m ³	10 m ³	2 x 10 m ³
AC- filter size	2 x 0,5 m ³	2 x 1 m ³	2 x 10 m ³	4 x 10 m ³
Activated carbon amount	2 x 180 kg	2 x 5,000 kg	2 x 4,500 kg	4 x 4,500 kg
Connected load	1 kW	2 kW	12 kW	25 kW

*) Subject to alterations, modifications and other performance data upon request.

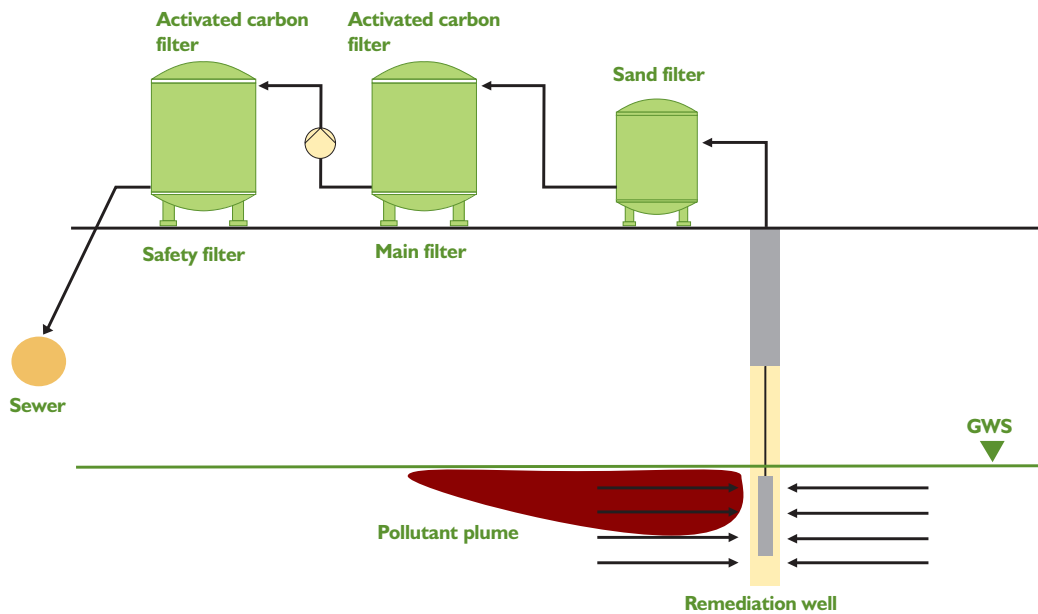


COMBINATION POSSIBILITIES:

- with air stripper:
- with automatic backflushing:
- with oil separator:
- with airsparging:
- with soil air extraction:

for high shares of volatile substances
 for high ochre deposits
 if there are free products in the soil
 to mobilize the pollutants
 to remove the pollutants from the unsaturated zone

MODE OF OPERATION



AKA 10 fixed in a closed equipment container



AKA 7 fixed in a closed equipment container