



TW12

Activated Carbon Water Treatment Filter For Water and Groundwater Treatment

The TW12 activated carbon filter is a compact and efficient solution for the treatment of water and contaminated groundwater. The system utilizes activated carbon adsorption to remove a wide range of contaminants, depending on the type of activated carbon selected. With a flow rate of up to 12 m³/h and an activated carbon volume of 1.2 m³, the TW12 is suitable for groundwater dewatering projects, industrial water treatment and temporary or permanent treatment applications. Its compact, modular design enables easy installation and integration into treatment systems with different flow rates and treatment requirements.



Typical Applications

- Groundwater dewatering and treatment
- Treatment of contaminated groundwater
- Industrial water treatment
- Removal of organic and adsorbable contaminants
- Temporary water treatment systems
- Low to medium flow applications
- Polishing in multi-stage water treatment systems
- PFAS reduction in water treatment

Features and Benefits

- Compact footprint
- Delivered ready for operation
- Suitable for indoor and outdoor installation
- Easy on-site transportation
- Modular design for series or parallel configuration
- Flexible activated carbon options tailored to specific treatment requirements
- Suitable for temporary and permanent water treatment applications

Specification and Typical Properties*

Medium	Liquid / Water
Material	Painted steel / Stainless steel
Adsorber diameter	mm 1,100
Finish options	Coated / Uncoated
Dimensions (L × W × H)	1,250mm × 1,250mm × 2,500mm
Empty weight	kg 800
Operating weight	Approx. 3,000 kg
Activated carbon volume	m ³ 1.2
System extension	Series / parallel configuration
Orientation	Standing
Heatable	Available on request
Factory assembly	Delivered ready for operation
Installation site	Indoor / outdoor
Permissible operating temperature	0-60°C
Permissible operating pressure	mbar 1,000-6,000
Volumetric flow rate range	m ³ /h 0.25-12
Transport on-site	Forklift shoe: 290 × 105 mm

*Specifications and typical properties are listed for informational purposes only and not to be used as purchase specifications.