Hydro-Anthracite

TECHNICAL DATA

Average chemical composition (based on regular analyses over several years):

Parameter	Value
Carbon	92.0 %
Anhydrous ash	5.50 %
Volatile impurities	8.00 %
Water	2.00 %

Packaging: 25 kg bags

OPERATING CONDITIONS

Bed depth (single-media filters): 600 to 900 mm
Bed depth (multi-media filters): 200 to 450 mm
Service flow rate: 15 to 30 m³/h/m²
Backwash flow rate: 25 to 30 m³/h/m²
Backwash expansion: 25 to 30 %

Combined air and water backwash:

Simultaneous use of air and water is not recommended for backwashing multi-media filters (air scouring alone is recommended).

MULTI-MEDIA ADVANTAGES

◊ Improved filtration performance through increased suspended solids retention capacity.
◊ Improved, more stable filtrate quality thanks to the fine particle size of the lower layer.
◊ Increased breakthrough safety: the cycle length before breakthrough is longer than that governed by head loss.
◊ Economic benefit from longer filtration cycles and reduced backwash water consumption.

Applications:

• Filtration of well, spring or surface water containing suspended solids
• Biological or catalytic iron and manganese removal
• Filtration of flocculated or decarbonated water
• Filtration of industrial (cooling, process) or swimming pool water
• Protection of chemically active filter media
• Filtration of pre-treated wastewater

SAFETY

Consult the Safety Data Sheet (SDS) for Hydro-Anthracite before any handling, storage or use of the product. Wear appropriate personal protective equipment (gloves, goggles, mask) when handling, particularly during installation or replacement of the filter bed (dust hazard).

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