

TECHNICAL DATASHEET



Water Doctor® 1500

granular coal based
activated carbon

Features and Benefits

- High activity
- Optimum pore size distribution
- Water washed
- Low dust
- High hardness
- Good abrasion resistance
- Proven superior for multiple reactivations
- Excellent adsorption capacity
- Both adsorption and transport pores

Typical Applications

- Treatment of municipal drinking water
- Production of soft drinks and beer
- Treatment of residential water
- Adsorption of taste and odor
- Protection of ion exchange resins

Available Particle Sizes

- 20x50 mesh (0.30 - 0.85 mm)
- 12x40 mesh (0.425 - 1.70 mm)
- 8x30 mesh (0.60 - 2.36 mm)
- 8x16 mesh (1.18 - 2.36 mm)
- 6x12 mesh (1.70 - 3.35 mm)

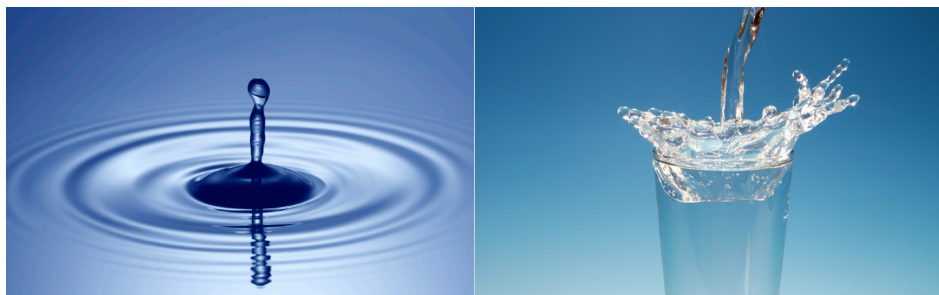
Certifications and Approvals

- ANSI / NSF standard 61
- AWWA B604-96
- EN12915
- Food and water codex

Standard Packaging

- 25 kg bag (55 lb)
- 500 kg bulk bag (1100 lb)

Water Doctor® 1500 is a high activity granular activated carbon manufactured by steam activation from select grades of bituminous coal. The perfect balance between adsorption and transport pores provides optimum performance in a wide range of water treatment applications. The product is a high density adsorbent and provides maximum volume activity. The material is water washed during manufacture and therefore wets rapidly. The excellent hardness and mechanical strength ensures negligible losses during backwashing, air scouring and multiple reactivations.



Soft drink manufacturers and breweries rely upon AquaSorb® activated carbon for dechlorination and dissolved organic removal.

Specification

Iodine number	min. 950 mg/g
Moisture content	max. 5%
Total ash content	max. 15%
Wettability	min. 95%
Hardness	min. 95%

Typical Properties

Surface area	1000 m ² /g
Methylene blue number	240 mg/g
Total pore volume	0.99 cm ³ /g
Water soluble ash	0.2%
Apparent density	495 kg/m ³
pH	8-11