TECHNICAL DATASHEET

AquaSorb™ CC

Granular coconut shell based activated carbon

AquaSorb™ CC is a medium activity granular activated carbon manufactured from a sustainable raw material source. Its predominately microporous structure makes it suitable for general purpose uses in industrial water treatment. It is available in a range of standard particle sizes to achieve standard pressure loss and adsorption efficiency requirements.



SPECIFICATION*

Iodine number	min. 1000 mg/g
Moisture content, as packed	max. 8 %
Ash content	max. 8 %
Ball-pan hardness	min. 95 %

TYPICAL PROPERTIES*

Apparent density	540 kg/m³
Backwashed and drained density	470 kg/m³
Iodine number	1077 mg/g

Features and Benefits

- Predominately microporous
- High hardness
- Good adsorption capacity
- High volume activity
- Dechlorination performance
- Organic removal capability

Available Particle Sizes

- 8x30 mesh (2.36 – 0.60 mm)
- 12x30 mesh (1.7 - 0.6 mm)
- 12x40 mesh (1.70 – 0.425 mm)
- 20x50 mesh (0.85 - 0.30 mm)
- 30x60 mesh (0.60 - 0.25 mm)

Certifications and Approvals

- NSF 61 standard
- NSF 42 standard
- AWWA B604
- Halal certified
- Kosher certified
- Food Chemicals Codex

Standard Packaging

- 25 kg sack (55 lb)
- 500 kg bulk bag (1100 lb)
- Other packing considered on request



Polypropylene liner-free FIBCs (super sacks), two bags per pallet

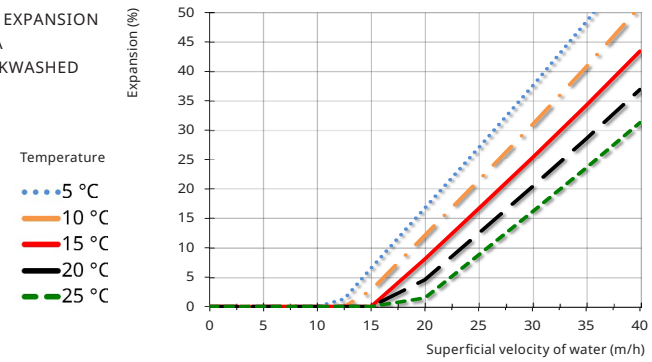
* SPECIFICATIONS AND TYPICAL PROPERTIES ARE PRODUCED USING JACOBI CARBONS' TEST METHODS. THEY ARE LISTED FOR INFORMATIONAL PURPOSES ONLY AND NOT TO BE USED AS PURCHASE SPECIFICATIONS. SALES SPECIFICATIONS CAN BE OBTAINED FROM YOUR JACOBI CARBONS TECHNICAL SALES REPRESENTATIVE AND SHOULD BE REVIEWED BEFORE PLACING AN ORDER.

TECHNICAL DATASHEET

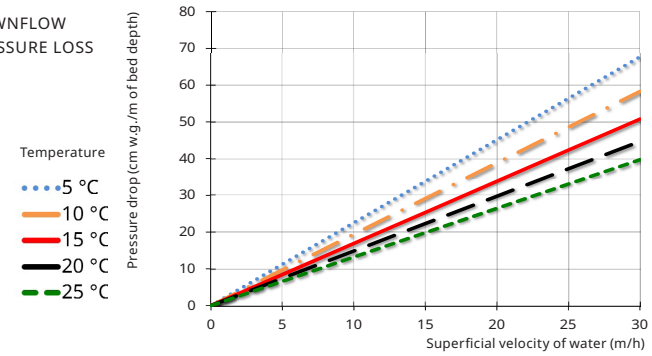
Jacobi CARBONS

AquaSorb™ CC 8x30 mesh

BED EXPANSION OF A BACKWASHED BED

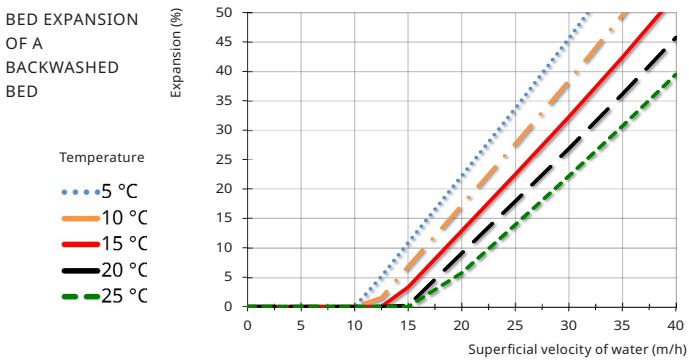


DOWNFLOW PRESSURE LOSS

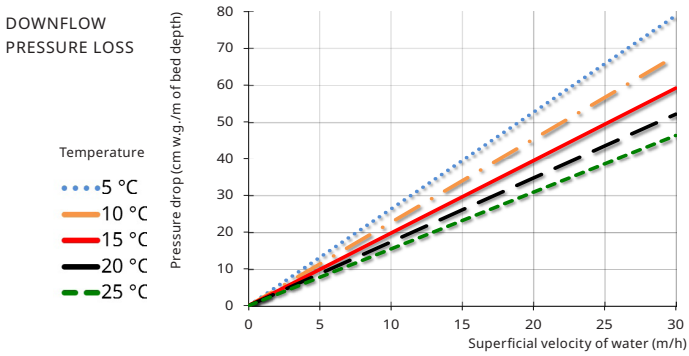


AquaSorb™ CC 10x20 mesh

BED EXPANSION OF A BACKWASHED BED

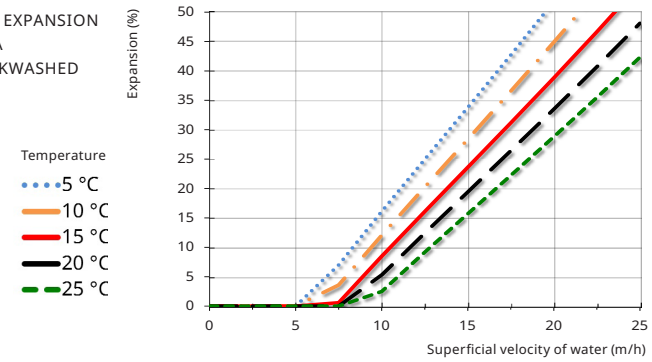


DOWNFLOW PRESSURE LOSS

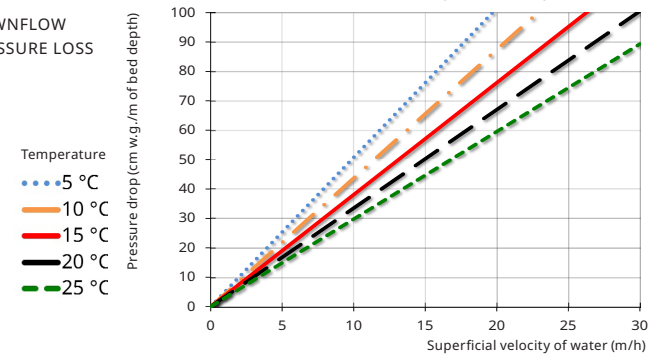


AquaSorb™ CC 12x40 mesh

BED EXPANSION OF A BACKWASHED BED



DOWNFLOW PRESSURE LOSS



Bed expansion and pressure loss curves are provided for the most commonly used particle sizes. Charts are available for all particle sizes on request. Typical data only for indicative purposes.

PARTICLE SIZE (MESH)

	20x40	12x40	10x20	8x30	8x16
Oversize	<5%	<5%	<5%	<5%	<5%
Undersize	<4%	<4%	<4%	<4%	<4%
Effective size	0.4 mm	0.6 mm	1.0 mm	1.0 mm	1.2 mm
Mean diameter	0.6 mm	1.0 mm	1.4 mm	1.4 mm	1.8 mm
Uniformity coefficient	<1.5	<1.7	<1.5	<1.6	<1.5

PRODUCTION CAPABILITY

The Jacobi Carbons Group of companies owns and operates manufacturing facilities in nine countries around the world. We produce in excess of 70,000 metric tonnes of high quality activated carbons based on coconut shell, coal and wood, by both chemical and steam (physical) activation methods. Our facilities are state-of-the-art, and are the most modern production units of their type. Intensive investment in these has ensured that products are manufactured to the most exacting quality standards demanded by our customers.

TECHNICAL SUPPORT AND KNOW-HOW

One of the distinguishing features of Jacobi Carbons is the extremely high level of technical competence within the company. Stand-alone product and technical service departments are staffed by industry-leading specialists in the field of activated carbon application and research. Dedicated laboratory facilities in Europe and North America work with our clients to ensure the optimum result is achieved from the use of our activated carbon products.

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OSAKA GAS CHEMICALS GROUP

JACOBI CARBONS IS A PROUD MEMBER OF THE OSAKA GAS CHEMICALS GROUP

FOR MORE INFORMATION OR TO CONTACT JACOBI VISIT: WWW.JACOBI.NET

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