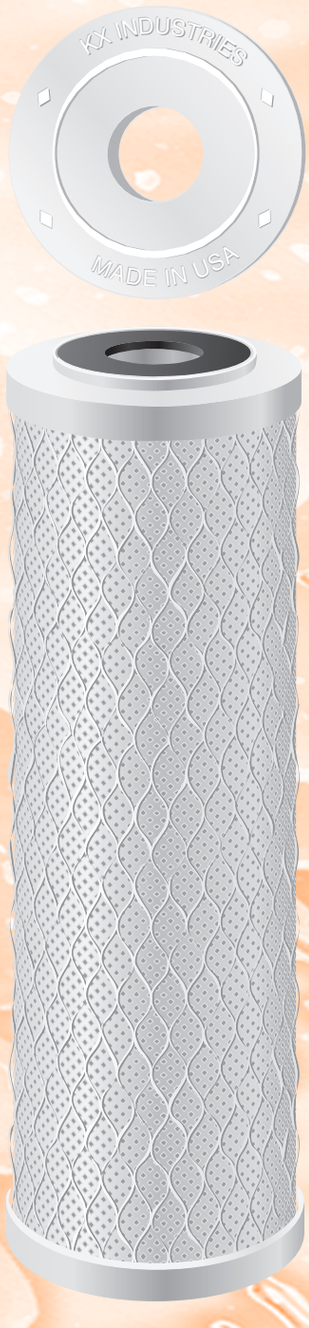

+ 5 2 Micron

Extruded Activated Carbon Block Filter

A Sweeter Taste

- *2 µm Nominal Filtration*
- *High Chemical Adsorptive Capacity*
- *High VOC and TOC Reduction*
- *High Turbidity Reduction*
- *Performance Tested and Verified by Independent Laboratory Testing*

NSF®
COMPONENT
The MATRIKX® + 5 is Tested and Certified by NSF International under NSF/ANSI Standard 42 for material requirements only.

The MATRIKX® + 5 filter is made from coconut shell carbon, which creates what many believe to be a sweeter tasting water. Because of the unique pore structure of this carbon, it is well-suited for chemical adsorption, including VOCs, and chlorine taste and odor. MATRIKX® + 5 filters provide 2 µm nominal particulate filtration and extended life as a fine sediment filter.

The service life of a MATRIKX® + 5 filter is greatly extended by an outer layer of prefiltration medium and will operate effectively in most installations without prefiltration. The MATRIKX® + 5 is ideal for residential and food service applications where improving the taste of the water is the primary objective.

Technical Specifications and Order Information

Part No.	O.D. x Length	Weight	Chlorine Taste & Odor Reduction Capacity @ Flow	Nominal µm Rating	Chloroform Reduction	Initial ΔP @ Flow
02-250-125-975	2.50″ x 9.75″	0.75 lbs.	>6,000 gal. @ 1.0 GPM	2 µm	500 gal. @ 0.5 GPM	2.5 psid @ 1.0 GPM
02-250-125-20	2.50″ x 20″	1.75 lbs.	>15,000 gal. @ 2.3 GPM	2 µm	1,250 gal. @ 1.0 GPM	2.5 psid @ 2.0 GPM
02-425-125-975	4.25″ x 9.75″	2.60 lbs.	>20,000 gal. @ 3.0 GPM	2 µm	1,750 gal. @ 1.5 GPM	4.5 psid @ 3.0 GPM
	4.25″ x 20″	5.60 lbs.	>42,000 gal. @ 7.0 GPM	2 µm	3,500 gal. @ 3.5 GPM	5.5 psid @ 7.0 GPM

BELLAQUA
The Cooler Choice
251 Paterson Avenue • East Rutherford, NJ 07073
1-800-562-8872 • 201-460-8379 • Fax 201-460-7172 • Email: Joel@Bellaqua.net
www.Bellaqualnc.com

ORDER INFORMATION

Special order filters are available in varying sizes with lengths from 1" to 60".

Standard filters are finished with an outer polypropylene spunbonded prefiltration medium. A protective polypropylene netting is applied to the exterior of the cartridge. Polypropylene end caps with compression gaskets fit most standard housings.

Inquire concerning alternative filter finishing options, including alternative end cap and housing interface styles, a wide range of non-standard extruded filter sizes, and non-standard prefiltration systems.

EXTRUDED CARBON = EXCEPTIONAL VALUE

MATRIKX® + 5 filters consist of activated carbon particles fused into a uniform block with enhanced adsorptive capacity and efficiency. MATRIKX® + 5 filters flow in a radial (outside-to-inside) direction, providing increased dirt capacity and low pressure drop. Unlike granular activated carbon (GAC) filters, MATRIKX® + 5 cartridges will not channel or bypass due to the extreme uniformity of their extruded activated carbon core. Service life of the MATRIKX® + 5 filter is greatly extended by a layer of prefiltration media.

- *No* channeling
- *No* fluidizing
- *No* bypassing
- Eliminates release of carbon fines
- Lowest extractables, pure materials of construction
- Maximum service life and resistance to fouling
- Graded density filtration design
- Manufactured using FDA-compliant materials

IMPORTANT NOTICE: Performance claims are based on a complete system, including a filter, housing, and connection to a pressurized water source. This filter must be placed in an appropriate system, and operated according to the system's specifications in order to deliver the claimed performance. It is essential to follow operational, maintenance, and filter replacement requirements, as directed for each application, for this filter and system to perform correctly. Read the Manufacturer's Performance Data Sheet accompanying the system and change the filter as suggested. The contaminants or other substances removed or reduced by this water filter are not necessarily in all users' water.

Made in the USA.

Distributed by:

Genuine MATRIKX® Extruded Carbon
"Quality to the Core"

NOTES

1. Performance of a given MATRIKX® extruded carbon filter varies in direct proportion to the total weight of carbon in each filter. For example, a 4.25" O.D. x 20" L MATRIKX® filter contains approximately seven times as much activated carbon as a 2.50" O.D. x 9.75" L MATRIKX® filter, and will therefore have seven times the rated chlorine taste and odor capacity when operated at seven times the rated flow of the smaller cartridge. Hence, rated flow is based on maintaining identical contact/residence times for all filters.
2. Projected chlorine taste and odor reduction capacity when tested in accordance with NSF/ANSI Standard 42 protocol.
3. Nominal particulate rating (2 µm) is for >85% of a given size as determined from single-pass particle counting results.*
4. Absolute particulate rating (5 µm) is for >99.9% of particles of a given size as determined from single-pass particle counting results.**

*Nominal Filter Rating: Filter rating indicating the approximate size particle, the majority of which will not pass through the filter. It is generally interpreted as meaning that 85% of the particles of the size equal to the nominal micron rating will be retained by the filter. (WQA Glossary of Terms, Third Edition, 3-97).

**Absolute Filter Rating: Filter rating meaning that 99.9% (or essentially all) of the particles larger than a specific micron rating will be trapped on or within the filter. (WQA Glossary of Terms, Third Edition, 3-97).

WARNINGS:

Maximum Operating Temperature:	125°F
Maximum Operating Pressure:	250 psig
Maximum Differential Pressure:	100 psid
Collapse Pressure:	200 psid

MATRIKX® filters are not to be autoclaved or steam-sterilized.

Use this MATRIKX® + 5 carbon filter only with microbiologically safe and adequately disinfected water, as it is not designed to kill or remove bacteria or viruses.

Actual results obtained will vary with various combinations of organic contaminants, changes in pH or other conditions encountered in actual use.

All information presented here is based on data believed to be reliable. It is offered for evaluation and verification, but is not to be considered a warranty of any kind.

MATRIKX® filters are designed to fit most standard household and commercial or industrial housings.

Contact KX Industries, L.P. to check filter housing compatibility.

This cartridge must be placed in an appropriate housing and flushed for a minimum of 5 minutes prior to use.

LIMITED LIABILITY

KX Industries, L.P. makes no warranties of any kind, expressed or implied, statutory or otherwise, and expressly disclaims all warranties of every kind, concerning the product, including, without limitation, warranties of merchantability and fitness for a particular purpose, except that this product should be capable of performing as described in this product's data sheet. KX Industries, L.P.'s obligation shall be limited solely to the refund of the purchase price or replacement of the product proven defective, in KX Industries, L. P.'s sole discretion. Determination of suitability of this product for uses and applications contemplated by Buyer shall be the sole responsibility of Buyer. Use of this product constitutes Buyer's acceptance of this Limited Liability.

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