

# CERAMIKX®

## All-Carbon, Sub-Micron Performance



- *0.2 µm Nominal Filtration*
- *Cyst Reduction Based on NSF/ANSI Standard 53*
- *Outstanding Chlorine Taste and Odor Reduction Based on NSF/ANSI Standard 42*
- *Cost-efficient, Combining the Performance of a "Ceramic Candle" and Activated Carbon into One Filter*
- *Cleans with "Just the Wipe of a Sponge"*
- *2 Models Fitting Most Standard Housings*

The "all-carbon" CERAMIKX® filter combines the fine particulate reduction of a traditional ceramic filter with the chlorine taste and odor reduction of activated carbon. The 0.2 nominal µm CERAMIKX® filter meets NSF/ANSI Standard 53 criteria for particulate removal and turbidity reduction, and the control of cysts, including *Cryptosporidium* & *Giardia*. CERAMIKX® filters also meet NSF/ANSI Standard 42 for Chlorine taste and odor @ 95%, with the SC Model providing >1,000 gallons and the ST >2,000 gallons.

CERAMIKX® filters are offered in two (2) fully cleanable models. A 1.85" O.D. Model SC with a BST screw-in end cap and a 2.50" O.D. Model ST with standard end caps designed to fit most standard 10" housings. Both of these filters can easily be cleaned with "just the wipe of a sponge."

### Technical Specifications and Order Information

	Model SC	Model ST
Part No.	20-185-125-083	20-250-190-975
Micron Rating	0.2 µm Nominal	0.2 µm Nominal
End Cap Style	BST Screw-in Cap	Standard End Cap
Outside Dimension	1.85"	2.50"
Finished Length	9.20"	9.80"
NSF/ANSI Standard 53 Cyst & Turbidity	<i>Cryptosporidium, Giardia, Entamoeba &amp; Toxoplasma</i>	
NSF/ANSI Standard 42, Chlorine Taste & Odor Reduction	1,000 gallons >95% @ 0.5 GPM	2,000 gallons >95% @ 0.75 GPM
Initial ΔP	15 psid @ 0.5 GPM	15 psid @ 0.75 GPM
Construction	Precision Continuous Extrusion	
Carbon Type & Source	Steam Activated, Acid-Washed, Bituminous Carbon	



"Quality to the Core"

## ORDER INFORMATION

CERAMIKX® filters are finished with polypropylene end caps designed to accommodate most standard housings.

Inquire concerning alternative filter finishing options, including alternative end cap and housing interface styles.

## EXTRUDED CARBON = EXCEPTIONAL VALUE

CERAMIKX® filters are manufactured using MATRIKX® extruded activated carbon particles fused into a uniform block with enhanced adsorptive capacity and efficiency. CERAMIKX® filters flow in a radial (outside-to-inside) direction, providing increased dirt capacity and low pressure drop. Unlike granular activated carbon (GAC) filters, CERAMIKX® cartridges will not channel or bypass due to the extreme uniformity of their extruded activated carbon core.

- No channeling
- No fluidizing
- No bypassing
- Eliminates release of carbon fines
- Lowest extractables, pure materials of construction
- Maximum service life and resistance to fouling
- Fully cleanable
- Manufactured using FDA-compliant materials

Made in the USA.

Distributed by:



### 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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This Product is made or covered by one or more of the following United States Patents: 5,019,311; 5,147,722; 5,189,092; 5,249,948; 5,331,037; 5,922,803; 5,946,342; 6,061,384; 6,395,250 and applicable foreign equivalents.

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## NOTES

1. Projected chlorine taste and odor reduction capacity when tested in accordance with NSF/ANSI Standard 42 protocol.
2. Nominal particulate rating (0.2 µm) is for >85% of a given size as determined from single-pass particle counting results.\*
3. Absolute particulate rating (0.5 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).

**The CERAMIKX® filter has been tested to meet the material requirements of NSF/ANSI Standard 42.**  
**THE CERAMIKX filter has been tested to meet the performance requirements of NSF/ANSI Standard 42 and Standard 53.**

Test Source: KX Industries and Interbasic Resources, Inc. (Ann Arbor, MI)

## WARNINGS:

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

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