

Certified Water Treatment Components:
(listed by certificate number)

California Department of Public Health
Drinking Water Program
Certified Water Treatment Device Directory
April 2009

Certificate #: 03- 1543

<u>Model Designation:</u>	<u>System Type</u>	<u>Replacement Elements:</u>
MATRIKX MICROBIOLOGICAL BARRIER 150-050-12M-067	Component	Certification is for component.

Date Issued: September 30, 2003

Date Revised: June 4, 2004

Manufacturer: KX Industries

Rated Service Flow: 0.5 gpm

Rated Service Capacity: not applicable

Technology: carbon block

Comments:

Do not use for the treatment of water that is visually contaminated (cloudy) or has an obvious contamination source, such as contamination by raw sewage.

Complete candidate systems must pass the Microbiological Interception Protocol for Validation of KX Industries Carbon Treatment Technology - State of California (CA DHS), version 3-17-05 for health claims of cysts, bacteria and virus.

Contaminants Reduced:

Microbiological/Turbidity:

Cysts (protozoan)

Bacteria

Virus

Inorganic/Radiological:

None

Organic:

None

Certificate #: 04- 1631

<u>Model Designation:</u>	<u>System Type</u>	<u>Replacement Elements:</u>
18 GPD (TFM-18, TFM-18EB, PPCM-15EB, TFM-18CWI, TFM-18EW, TFM-18KM, AG1512TBD, AG1809TJD)	Component	
24 GDP (TFM-24, TFM-24EB, TFM-24CWI, TFM-24KM)	Component	
36 GPD (TFM-36, TFM-36EB, AG1812TAE, TFM-36CWI, TFM-36KM, TFM-36NB, S1229RS, S1340RS, S1448RS)	Component	
50 GPD (TFM-50, TFM-50CWI, TFM-50KM, TFM-50EB, TFM-50NSB, TFM-50NSS)	Component	

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Date Issued: August 18, 2004

Manufacturer: GE Osmonics

Rated Service Flow:

Rated Service Capacity:

Technology: reverse osmosis

Comments:

¹ Claims for arsenic reduction shall only be made on water supplies maintaining detectable residual free chlorine at the reverse osmosis (RO) system inlet. Water systems using an in-line chlorinator should provide a minimum of 1 minute chlorine contact time before the RO system.

Contaminants Reduced:

Microbiological/Turbidity:

Cysts (protozoan)

Turbidity

Inorganic/Radiological:

Arsenic¹

Barium

Cadmium

Chromium (hexavalent)

Chromium (trivalent)

Copper

Fluoride

Lead

Radium 226/228

Selenium

Organic:

None

Certificate #: 05- 1640

Model Designation:

MATRIKX MICROBIOLOGICAL BARRIER
225-055-12M-050

System Type

Component

Replacement Elements:

Certification is for component.

Date Issued: April 15, 2005

Manufacturer: KX Industries, L.P.

Rated Service Flow: 0.8 gpm

Rated Service Capacity: variable

Technology: carbon block

Comments:

Do not use for the treatment of water that is visually contaminated (cloudy) or has an obvious contamination source, such as contamination by raw sewage.

Complete candidate systems must pass the Microbiological Interception Protocol for Validation of KX Industries Carbon Treatment Technology - State of California (CA DHS), version 3-17-05 for health claims of cysts, bacteria and virus.

Contaminants Reduced:

Microbiological/Turbidity:

Cysts (protozoan)

Bacteria

Virus

Inorganic/Radiological:

None

Organic:

None

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Certificate #: 05- 1641

<u>Model Designation:</u>	<u>System Type</u>	<u>Replacement Elements:</u>
MATRIKX MICROBIOLOGICAL BARRIER +CR1-B 19M-260-138-093	Component	Certification is for component.
MATRIKX MICROBIOLOGICAL BARRIER +CR1-B 19M-260-138-195	Component	Certification is for component.

Date Issued: April 5, 2005

Manufacturer: KX Industries, L.P.

Rated Service Flow: 1.5 gpm

Rated Service Capacity: variable

Technology: carbon block

Comments:

Do not use for the treatment of water that is visually contaminated (cloudy) or has an obvious contamination source, such as contamination by raw sewage.

Complete candidate systems must pass the Microbiological Interception Protocol for Validation of KX Industries Carbon Treatment Technology - State of California (CA DHS), version 3-17-05 for health claims of cysts, bacteria and virus.

Contaminants Reduced:

Microbiological/Turbidity:

Cysts (protozoan)

Bacteria

Virus

Inorganic/Radiological:

None

Organic:

None

Certificate #: 05- 1642

<u>Model Designation:</u>	<u>System Type</u>	<u>Replacement Elements:</u>
MATRIKX MICROBIOLOGICAL BARRIER +Pb1-B 39M-260-119-093	Component	Certification is for component.
MATRIKX MICROBIOLOGICAL BARRIER +Pb1-B 39M-260-119-195	Component	Certification is for component.

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Date Issued: April 15, 2005

Manufacturer: KX Industries, L.P.

Rated Service Flow: 1.5 gpm

Rated Service Capacity: variable

Technology: carbon block

Comments:

Do not use for the treatment of water that is visually contaminated (cloudy) or has an obvious contamination source, such as contamination by raw sewage.

Complete candidate systems must pass the Microbiological Interception Protocol for Validation of KX Industries Carbon Treatment Technology - State of California (CA DHS), version 3-17-05 for health claims of cysts, bacteria and virus.

Contaminants Reduced:

Microbiological/Turbidity:

Cysts (protozoan)

Bacteria

Virus

Inorganic/Radiological:

None

Organic:

None

Certificate #: 04- 1656

Model Designation:

12 GPD (M-T1512A12, M-T1512A12-NL, M-T1512A12-WET, M-T1512S12, M-T1512S12-NL, M-T1810R12, M-T1810RMU12, M-T1512A12-DNL)

System Type

Component

Replacement Elements:

18 GPD (M-T1512A18, M-T1512A18-NL, M-T1512A18-WET, M-T1512P18, M-T1512A18AROW, TLC-15, M-T1512A18-DNL, M-T1812K18)

Component

24 GPD (M-T1812A24, M-T1812A24-NL, M-T1812A24-WET, 110009, M-T1812P24, M-T1812P24R61M, FM110018M, FM110011, TLC-25, M-T1812A24AROW, M-T1810R24, M-T1810RMU24, M-T1812A24-OMNI, M-T1812AC24, M-T1812Q24, M-T1810R24-NL, M-T1810R24-RS, M-T1812S24, M-T1812A24-DNL)

Component

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36 GPD (M-T1812A36, M-T1812A36-NL, M-T1812A36-WET, M-T1812P36, TLC-35, M-T1812A36AROW, M-T1812AC36, M-T1812ACMU36, M-T1812ACS36, M-T1812Q30, M-T1812S36, M-T1812AC30AROW, M-T1812AC36-NL, M-T1812A36-DNL, M-T1812K36) Component

50 GPD (M-T1812A50, M-T1812A50-NL, M-T1812A50-WET, M-T1812P50, FM110013, TLC-50, M-T1812A50AROW, M-T1810RMU50, M-T1812AC50, M-T1812ACS, M-T1812ACSPV, M-T1812AF50, M-T1812K50, M-T1810R50, M-T1812Q50, M-T1812S50, M-T1812A50-DNL, FM110015M, 110019, 110020, M-T1812A50DIM) Component

75 GPD (M-T1812A75, M-T1812A75-NL, M-T1812A75-WET, M-T1812P75, M-T1812A75FI, M-T1812A75ID, M-T1812AC75, M-T1812AF75, M-T1812ACS75, M-T1812AC75AROW, M-T1812A75-DN, M-T1812A75DIM, 110017) Component

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Date Issued: August 26, 2004

Manufacturer: Applied Membranes Inc.

Rated Service Flow:

Rated Service Capacity:

Technology: reverse osmosis

Comments:

¹ Claims for arsenic reduction shall only be made on water supplies maintaining detectable residual free chlorine at the reverse osmosis (RO) system inlet. Water systems using an in-line chlorinator should provide a minimum of 1 minute chlorine contact time before the RO system.

Contaminants Reduced:

Microbiological/Turbidity:

Cysts (protozoan)

Turbidity

Inorganic/Radiological:

Arsenic¹

Barium

Cadmium

Chromium (hexavalent)

Chromium (trivalent)

Copper

Fluoride

Lead

Radium 226/228

Selenium

Organic:

None

Certificate #: 07- 1830

<u>Model Designation:</u>	<u>System Type</u>	<u>Replacement Elements:</u>
<i>TW30-1810-25 (149989/149990)</i>	Component	
<i>TW30-1810-25 (80706/104734)</i>	Component	
<i>TW30-1811-24 (80712/--)</i>	Component	
<i>TW30-1811-W2/W3 (106701/106705)</i>	Component	
<i>TW30-1811-W4 (80715/102538)</i>	Component	
<i>TW30-1812-24 (--/102534)</i>	Component	

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<i>TW30-1812-24 (89297/93430)</i>	Component
<i>TW30-2010-35 (102551/102552)</i>	Component
<i>TW30-2011-35 (--/215592)</i>	Component
<i>TW30-2012-25 (93488/102542)</i>	Component
<i>TW30-2012-35 (--/218196)</i>	Component
<i>TW30-2012-HF (80727/--)</i>	Component
<i>TW30-1812-24 (--/258031)</i>	Component

Date Issued: February 20, 2007

Manufacturer: FilmTec Corporation

Rated Service Flow: 51 gpd

Rated Service Capacity: not applicable

Technology: reverse osmosis

Comments:

Do not use with water that is microbiologically unsafe or of unknown quality, without adequate disinfection before or after the system.

¹ Claims for arsenic reduction shall only be made on water supplies maintaining detectable residual free chlorine at the reverse osmosis (RO) system inlet.

Water systems using an in-line chlorinator should provide a minimum of 1 minute chlorine contact time before the RO system.

Contaminants Reduced:

Microbiological/Turbidity:

Turbidity

Inorganic/Radiological:

Arsenic¹ (pentavalent)

Barium

Cadmium

Chromium (hexavalent)

Chromium (trivalent)

Copper

Fluoride

Lead

Radium 226/228

Selenium

Organic:

None

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Certificate #: 07- 1831

<u>Model Designation:</u>	<u>System Type</u>	<u>Replacement Elements:</u>
<i>TW30-1810-35 (--/240699)</i>	Component	
<i>TW30-1810-35 (89304/93433)</i>	Component	
<i>TW30-1810-35-U (89305/93434)</i>	Component	
<i>TW30-1810-36 (--/235426)</i>	Component	
<i>TW30-1810-50 (--/245165)</i>	Component	
<i>TW30-1811-36 (80711/80709)</i>	Component	
<i>TW30-1812-36 (--/102522)</i>	Component	
<i>TW30-1812-36 (117863/117864)</i>	Component	
<i>TW30-1812-36 (127990/--)</i>	Component	
<i>TW30-1812-36 (--/153730)</i>	Component	
<i>TW30-1812-36 (80720/80719)</i>	Component	

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<i>TW30-1812-50 (--/204767)</i>	Component
<i>TW30-1812-50 (--/204770)</i>	Component
<i>TW30-1812-50 (--/229951)</i>	Component
<i>TW30-1812-50 (--/239701)</i>	Component
<i>TW30-1812-50 (80721/80722)</i>	Component
<i>TW30-1812-50 (99755/102527)</i>	Component
<i>TW30-2012-30 (--/241555)</i>	Component
<i>TW30-2012-50 (--/241676)</i>	Component
<i>TW30-2012-55 (113827/--)</i>	Component
<i>TW30-1808-42</i>	Component
<i>TW30-1808-42 (259479/--)</i>	Component
<i>TW30-1810-50 (--/245165)</i>	Component

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<i>TW30-1811-50 (264478/--)</i>	Component
<i>TW30-1812-36 (--/258029)</i>	Component
<i>TW30-1812-50 (--/258030)</i>	Component
<i>TW30-1812-50 (--/260846)</i>	Component
<i>TW30-2012-UNPLUGGED EV311815 (--/269723)</i>	Component
<i>TW30-1812-50 (287156)</i>	Component
<i>TW30-1812-50 (287157)</i>	Component

Date Issued: February 20, 2007

Date Revised: May 14, 2008

Manufacturer: FilmTec Corporation

Rated Service Flow: 55 gpd

Rated Service Capacity: not applicable

Technology: reverse osmosis

Comments:

Do not use with water that is microbiologically unsafe or of unknown quality, without adequate disinfection before or after the system.

¹ Claims for arsenic reduction shall only be made on water supplies maintaining detectable residual free chlorine at the reverse osmosis (RO) system inlet.

Water systems using an in-line chlorinator should provide a minimum of 1 minute chlorine contact time before the RO system.

Contaminants Reduced:

Microbiological/Turbidity:

Turbidity

Inorganic/Radiological:

Arsenic¹ (pentavalent)

Barium

Cadmium

Chromium (hexavalent)

Chromium (trivalent)

Copper

Fluoride

Lead

Radium 226/228

Selenium

Organic:

None

Certified Water Treatment Components:
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Certificate #: 07- 1832

<u>Model Designation:</u>	<u>System Type</u>	<u>Replacement Elements:</u>
<i>TW30-1507-30 (--/237172)</i>	Component	
<i>TW30-1810-50 (152947/152949)</i>	Component	
<i>TW30-1811-75 (189345/189343)</i>	Component	
<i>TW30-1812-75 (--/102529)</i>	Component	
<i>TW30-1812-75 (114731/97113)</i>	Component	
<i>TW30-1810-50 (--/252997)</i>	Component	
<i>TW30-1811-75 (264480/--)</i>	Component	
<i>TW30-1812-75 (--/260859)</i>	Component	
<i>TW30-1812-75 (287158)</i>	Component	
<i>TW30-1812-75 (287159)</i>	Component	

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Date Issued: February 20, 2007

Date Revised: May 14, 2008

Manufacturer: FilmTec Corporation

Rated Service Flow: 75 gpd

Rated Service Capacity: not applicable

Technology: reverse osmosis

Comments:

Do not use with water that is microbiologically unsafe or of unknown quality, without adequate disinfection before or after the system.

¹ Claims for arsenic reduction shall only be made on water supplies maintaining detectable residual free chlorine at the reverse osmosis (RO) system inlet.

Water systems using an in-line chlorinator should provide a minimum of 1 minute chlorine contact time before the RO system.

Contaminants Reduced:

Microbiological/Turbidity:

Turbidity

Inorganic/Radiological:

Arsenic¹ (pentavalent)

Barium

Cadmium

Chromium (hexavalent)

Chromium (trivalent)

Copper

Fluoride

Lead

Radium 226/228

Selenium

Organic:

None

Certificate #: 07- 1833

Model Designation:

*Sub Zero Biomatrix Carbon Block
200-075-50M-075*

System Type

Component

Replacement Elements:

Certification is for component.

Date Issued: February 6, 2007

Manufacturer: KX Industries L.P.

Rated Service Flow: 0.5 gpm

Rated Service Capacity: Variable

Technology: carbon block

Comments:

Do not use for the treatment of water that is visually contaminated (cloudy) or has an obvious contamination source, such as contamination by raw sewage.

Complete candidate systems must pass the Microbiological Interception Protocol for Validation of KX Industries Carbon Treatment Technology - State of California (CA DHS), version 3-17-05 for health claims of cysts, bacteria and virus.

Contaminants Reduced:

Microbiological/Turbidity:

Cysts (protozoan)

Bacteria

Virus

Inorganic/Radiological:

None

Organic:

None