NAVIEN

QuickFacts
WEC Series



Saltless, Tankless, Electric Water Treatment System

Product Features

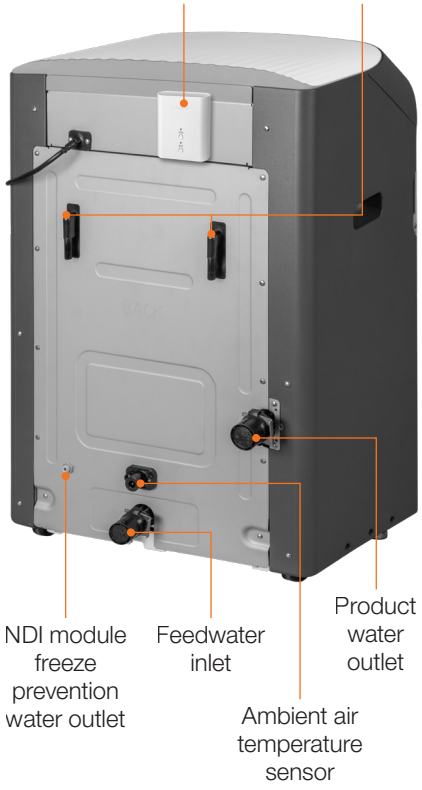
- Salt-free, economical, and eco-friendly with no harmful wastewater.
- Protects pipes, appliances and plumbing fixtures.
- Great for hair, skin, cooking, and washing clothes.
- Reduces water-spotting on all surfaces, glassware, dishes and silverware.
- Advanced electro-membrane technology removes contaminants.
- On demand whole-house water treatment without regeneration downtime.
- Built-in automatic self-cleaning Clean-In-Place (CIP) technology for minimal maintenance.
- Intuitive digital control panel for easy setup, operational data and troubleshooting.
- NaviLink Lite™ Wi-Fi remote monitoring system for real-time product data.

WEC: The Inside Story

Front View



Rear View



Included Parts

NaviLink Lite™ Wi-Fi Receiver



Elbow Adapters



Sediment Pre-filter Cartridge and Housing

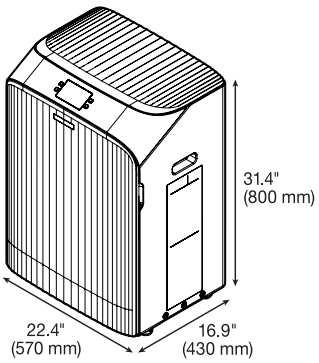


Post Carbon Block (C/B) Filter Cartridge and Housing

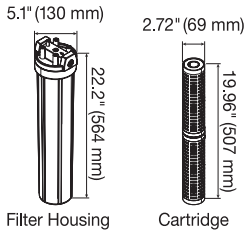


Dimensions

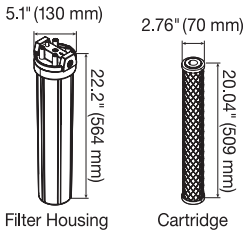
WEC600 Series



Sediment Pre-filter



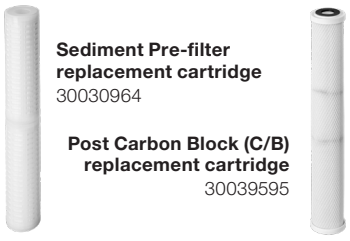
Post Carbon Block (C/B) filter



Replacement Items



CIP solution
Citric acid (50% solution)
1 gallon bottle (pictured)
2 bottles: GXXX002436
4 bottles: GXXX002437



Sediment Pre-filter replacement cartridge
30030964

Post Carbon Block (C/B) replacement cartridge
30039595

Feedwater Requirements[1]

Item	WEC600
Total dissolved solids (TDS)	≤ 1000 ppm
Temperature	37.4–100.4°F (3–38°C)
Pressure	Please refer to the Installation Manual
pH	6.5–8.5
Iron total	≤ 0.3 ppm
Turbidity	≤ 0.5 NTU
Total hardness (as $CaCO_3$)	≤ 600 ppm (≤35 gpg)
Alkalinity (as $CaCO_3$)	≤ 350 ppm

[1]Before installing the WEC, ensure that the incoming feedwater connection is from a municipal water source per manual specifications. Failure to test water quality prior to installation may void the Navien Limited Warranty.

[2]NEVER attempt to use this product to treat non-potable water sources, including microbiologically unsafe water or water of unknown quality, as this may result in illness, severe injury, or death.

Technical Specifications

Item	WEC600
Power consumption	0.55 kW
Power supply	AC 120V, 60 Hz
	4.5 A
Power output specifications	DC 300V
Dimensions (W×D×H)	22.4 x 16.9 x 31.4 inch (570 x 430 x 800 mm)
Weight	132 lb (60 kg)
Rated salt removal rate	50-87%
Rated recovery rate	63-93%
Installation pressure	≤74 psi (510kPa)
Pressure drop at rated service flow	≤ 15 psi (103 kPa)
Operating ambient temperature range	40–100.4°F (4.4–38°C)
Rated service flow	10 GPM (37.8 LPM)
CIP tank	1.6 Gallon (6.1 L)[1]
Installation location	Indoor[2]
Certifications[3]	NSF/ANSI 42, NSF/ANSI 61-G, NSF/ANSI 372, cETLus[4] , FCC, IAPMO Z601[5]
Included accessory	NaviLink Lite™[6]

[1]The amount of CIP solution used during operation varies based on water demand and feedwater quality. For additional details, refer to “4.2 Refilling the CIP Solution”, page 41, Installation & Operation Manual.

[2]Only install in locations where the product will not be exposed to freezing temperatures, direct sunlight, water, or exposed to the elements.

[3]For the WEC only.

[4]The WEC has been tested and certified by Intertek in accordance with CSA STD C22.2 No. 68.

[5]WEC600 Model.

[6]For more information, refer to the NaviLink Lite’s User Manual.

Filter Specifications

Item		Sediment Pre-filter	Post Carbon Block (C/B) Filter
Housing	Dimensions	Ø5.1 x 22.2 in (Ø130 x 564 mm)	Ø5.1 x 22.2 in (Ø130 x 564 mm)
	Weight	4.76 lb (2.16 kg)	4.76 lb (2.16 kg)
Cartridge	Dimensions	Ø2.72 x 19.96 in (Ø69 x 507 mm)	Ø2.76 x 20.04 in (Ø70 x 509 mm)
	Weight	0.97 lb (0.44 kg)	1.5 lb (0.68 kg)
	Pore size	10 µm	1 µm
	Replacement cycle	A replacement notification every 6 months, or as needed based on feedwater quality and usage[1]	

[1]For more information, refer to section “4.1 Replacing the Filter Cartridges” on page 37, Installation & Operation Manual.

Limited Warranty Period

Product	Labor	Parts	
		Non-registered	Registered
WEC Series (residential)	1 year	3 years	5 years

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