WEC Series Water Treatment System
Specification Sheet

- Navien **WEC** Series features as a point-of-entry, salt free, tankless electric water treatment system in a compact appliance-style design
- Independently certified to Z601 by IAPMO R&T to **reduce scale by 94%**
- Delivers treated water throughout the home, reducing hardness minerals, total dissolved solids (TDS), scale build-up, and other contaminants
- **NaviLink Lite** included for remote Wi-Fi monitoring
- Certified to **UL 979, NSF/ANSI 42, NSF/ANSI 61-G** and 372, **IAPMO Z601**, and **FCC**
- Built-in automatic self-cleaning clean-in-place (CIP) technology with no regeneration downtime
- Proprietary **Dual Electro-membrane modules** (Navien NDI Technology)
- Comes included with a **Sediment Pre-Filter** (10 micron), **Post Carbon Block Filter** (1 micron)
- **CIP Solution** sold separately and required for installation and operation
  (2 bottles - **GXXX002436** | 4 bottles - **GXXX002437**)
- **Navien Limited Parts Warranty:** Residential 5 years (registered), 3 years (non-registered)
  Commercial 2 years (registered), 1 year (non-registered)



WEC600
Navien P/N #PWEC60005TID0001

Technical Specifications

Item	WEC600	
	(Sold Before 02/01/2026)	(Sold After 02/01/2026)
Power consumption	0.55 kW	
Power supply	AC 120 V / 60 Hz	
	4.5 A	
Power output spec.	DC 300 V	
Dimensions (W×D×H)	22.4 x 16.9 x 31.4 in. (570 x 430 x 800 mm)	
Weight	132 lb (60 kg)	
Rated salt removal rate	≥ 75%	≥ 50-87%
Rated recovery rate	≥ 85%	≥ 63-93%
Installation pressure	≤ 67 psi (460 kPa)	≤ 74 psi (510 kPa)
Pressure drop at rated service flow	≤ 15 psi (103 kPa)	
Operating ambient temperature range	40 - 100.4°F (4.4–38°C)	
Installation Location	Indoor	
CIP tank	1.6 Gallon (6.1 L)	

- Refer to WEC Installation Manual
- The amount of CIP solution used during operation varies based on water demand and feedwater quality.

System Tested and Certified by NSF International against NSF/ANSI Standard 42 for the reduction of Chlorine, Taste and Odor.

Certified to NSF/ANSI/CAN 61-G & 372

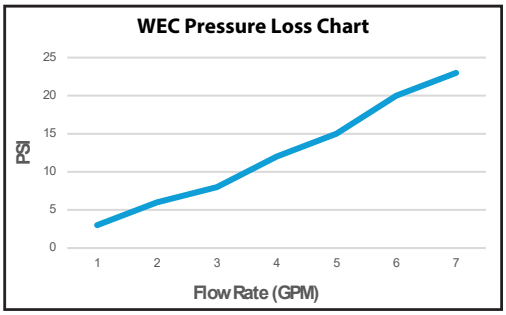
The WEC600 is certified by IAPMO R&T to IAPMO Z601-94% for scale reduction.

Intertek
5023321
CONFORMS TO UL STD.979
CERTIFIED TO CSA STD. C22.2 NO.68

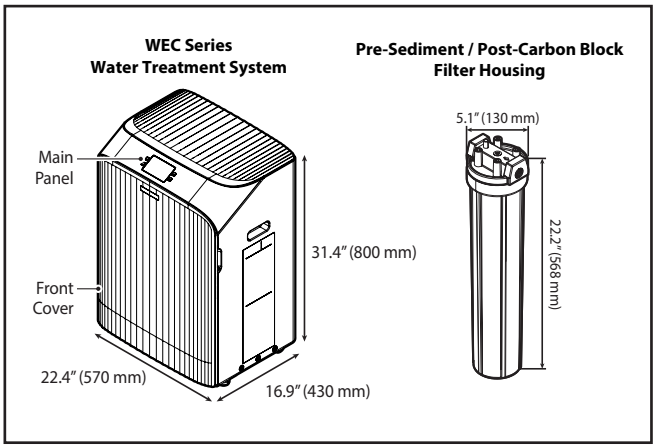
FCC ID : 2A6XC-WEC

Feedwater Requirements

Item	WEC600	
	(Sold Before 02/01/2026)	(Sold After 02/01/2026)
Total Dissolved Solids (TDS)	≤ 1000 ppm	≤ 1000 ppm
Temperature	37.4 - 100.4°F (3 - 38°C)	
Pressure	36.3 - 67 psi (250 - 460 kPa)	36.3 - 74 psi (250 - 510 kPa)
pH	6.5 - 8.5	
Iron total	≤ 0.3 ppm	
Turbidity	≤ 0.5 NTU	
Total hardness (as $CaCO_3$)	≤ 350 ppm (20.5 GPG)	≤ 600 ppm (35 GPG)
Alkalinity (as $CaCO_3$)	≤ 200 ppm	≤ 350 ppm



Dimensions



Installation Example

