

# **HANS™**

Premium Water

## **HANS™ Premium Water Appliance Model 2**



**Residential • Commercial • Industrial  
Agriculture • Healthcare •  
Hospitality • Food & Beverages**

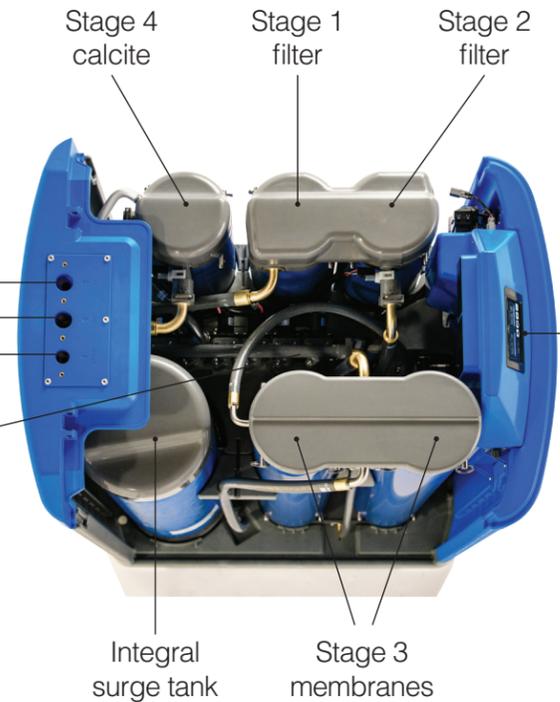
# Model 2: Everything for clean water in one brilliant appliance

## Easy installation

- Three connection points
1. Inlet water
  2. Clean water out
  3. Reject water out

## Variable-speed pump

Automatically adjusts speed depending on water demand. Uses less power and is more efficient than single-speed pumps.



## Intuitive touch-screen

- Constantly monitors water quality and usage.
- Provides data on filter life, incoming and outgoing TDS levels, and water pressure.
- Wireless communication via mobile app.
- Wi-Fi enabled firmware updates.

## Easy servicing

Quick-release pin system makes filter and membrane changes a snap.



HANS Premium Water Appliance Model 2 is the first water treatment solution of its kind.

- **Reduces contaminant levels by up to 99.9%**
- **Reduces TDS (up to 3,000 ppm) levels by up to 99%**
- **Industry-best recovery rate of up to 90%**
- **Output of up to nine gallons per minute**
- Removes hardness... without salt™
- Adds minerals for taste and pH balance
- Provides clean water for your whole business or home
- Continuously monitors water quality and usage
- Variable-speed pump that adjusts for fluctuations in water demand
- Automatically detects incoming TDS levels and adjusts to compensate for fluctuations
- Designed for well water and municipal water using chlorine or chloramines
- Does not require an add-on pressure tank

## Four-stage system

1. Removes sediment and debris.
2. Removes chlorine, chloramines and sulfur.
3. Removes lead, arsenic, PFAS, iron™, hardness™ and a host of other contaminants.
4. Reintroduces minerals for pH balance and better taste.

## Ideal installation verticals

- Residential
- Commercial
- Industrial
- Agriculture
- Food & beverage
- Healthcare & laboratories
- Facilities & services

For high-demand applications, multiple HANS Premium Water Appliances can be installed in parallel. This can drastically reduce downtime as one unit can be taken off line for service without disrupting water flow, keeping your business running and profitable.



## Easy servicing

Removable lid and side panels.

## Rugged exterior

Heavy-duty molded housing provides quiet operation indoors and long-lasting protection outdoors.

## Cooling vents

Fans keep the unit running cool.



# HANS™

## Premium Water

## Model 2 Technical Specifications



### Operating Limits

Water temperature (min/max)	2°C to 35°C
Ambient temperature (min/max)	2°C to 48°C
Feed pressure (min/max)	30 PSI to 60 PSI
pH level (min/max)	6 to 11
Output pressure	65 PSI
Operating pressure	200 PSI
Output	≥ 9 GPM
TDS input	< 3,000 ppm
Power	110 - 240 V, 50 / 60Hz; dedicated GFCI

### Third-party test results\*

	Tested at (Before)	HANS Result (After)
Hardness**	700 ppm (41 gpg)	<1.0 ppm
Iron (ferric and ferrous)**	3.46 ppm	.018 ppm
Fluoride	7.54 ppm	0.8 ppm
Nitrate	27.9 ppm	0.9 ppm
Nitrite	3.3 ppm	0.2 ppm
PFOA & PFOS	25,000 ppt	<5 ppt
Lead	139 ppb	<1.0 ppb
Arsenic (A3 and A5)	52.4 ppb	<1.0 ppb
Chromium 6	304 ppb	<1.0 ppb
Chloroform Surrogates (48 chemicals)	282 ppb	<0.2 ppb

### Maximum Inputs

PFOA/PFOS	25,000 ppt
Lead	150 ppb
Iron	2 ppm
Arsenic	50 ppb
Nitrate	30 ppm
Nitrite	3.5 ppm
Hardness	20 gpg
Chromium 6	300 ppb
Chromium Total	300 ppb
Barium	10 ppm
Radium	25 pCi/L
Fluoride	8 ppm
Chlorine	4 ppm
Chloramines	4 ppm
VOCs	(detailed list available)
Turbidity	1 ntu

99.99% reduction of bacteria and 99.9% of reduction in viruses  
 Detailed test results available at [HANSPremiumWater.com](http://HANSPremiumWater.com)  
 ppm = parts per million • ppb = parts per billion  
 ppt = parts per trillion • gpg = grains per gallon  
 \*Model 1 results. Model 2 results are pending.



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Specifications subject to change without notice.

\*\*Input levels outside of device parameters may require pretreatment such as a water softener or iron breaker.

Designed and assembled in an ISO 13485 facility in Michigan.

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