

HANS™

Premium Water

**Better Water
Means
Better Business**



Facilities & Building Services

**IoT Remote
Monitoring via
Mobile App**



**NSF / ANSI 61
Standard &
Halal certified
in US**

Designed & Built in USA

Water You Can Trust!

Sustainable Water Management

HANS™ Premium Water RO system treats grey water as a part of sustainable water management for non-potable use.

Longer Lasting Equipment

HANS™ Premium Water RO system reduces the common scaling & corrosion on equipment.

Safe & Quality Potable Water

Our RO system produces Really, Really, Really clean water that exceeds the standards for drinking water recommended by WHO.

www.hanspremiumwaterasia.com

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Smart Reverse Osmosis System for Cost Effective and Sustainable Solution



Data Centres

Data centres are energy hogs that use increasingly more energy. We provide solution for reclamation of effluent discharge water to reuse for cooling of data centres.



Cooling Towers

Our solution ensures cost saving and sustainability by reclamation of blowdown water from cooling towers.



Schools and Educational Institutions

Our HANS™ Premium Water RO system provides good quality water for drinking and for laboratory usage.



Office, retail & buildings

HANS™ Premium Water RO system provides quality water for drinking & washing that exceeds the standard of drinking water recommended by WHO.



Designed & Built in USA

The Quality You Give Can Only Be As Good As The Water You Use



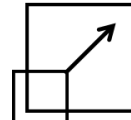
Compact, all in one
filtration system



Wi-Fi enable
for remote monitoring



Plug & play
deployment



Scalability
ability to meet business
needs



Ultra-low power
consumption



Modular
pay for what you need



HANS™

Premium Water

HANS™ Premium Water RO System Model 2



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

Model 2: Everything for clean water in one brilliant appliance

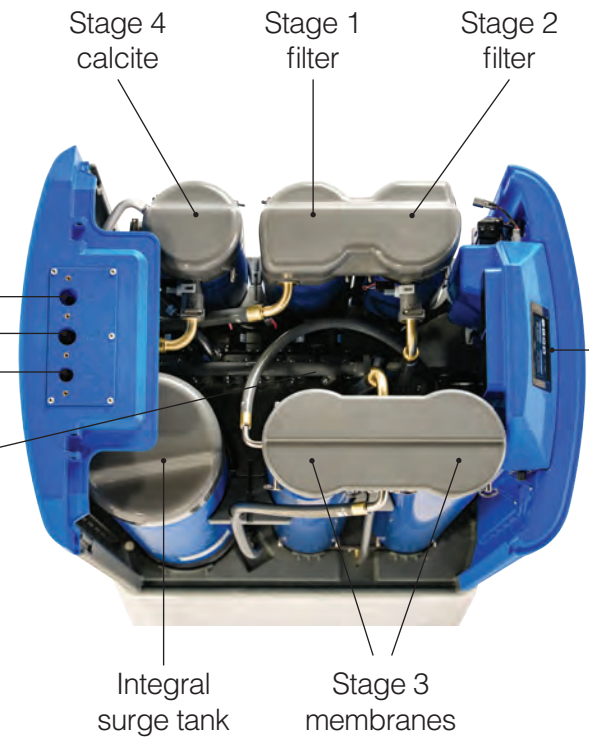
Easy installation

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 RO System 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 34 litres 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 RO System 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

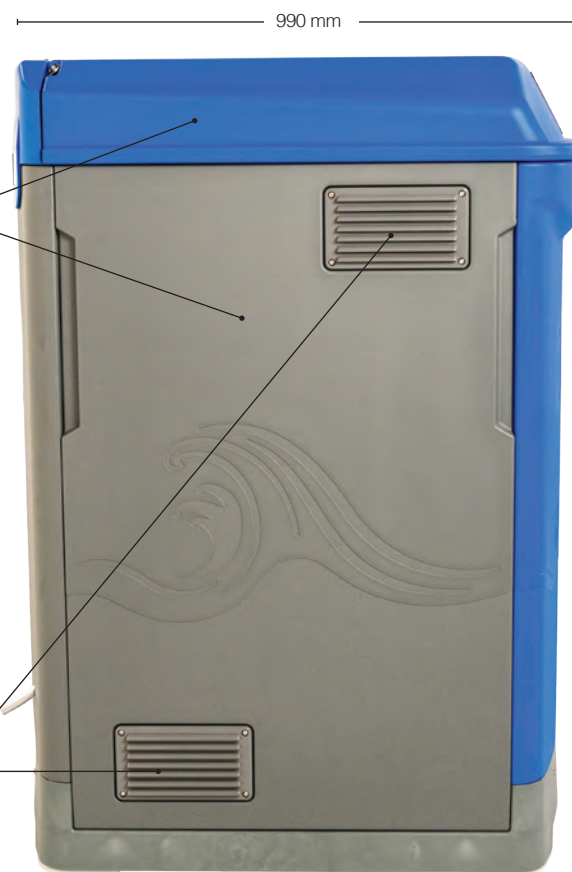
Removable lid and side panels.

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	≥ 34 litres/min
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

ppm = parts per million • ppb = parts per billion

ppt = parts per trillion • gpg = grains per gallon

*Model 1 results. Model 2 results are pending.



Follow us on:



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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