

# Better Water Means Better Business

## TECHNICAL SHEET

*Unique all-in-one smart water appliance*

Filtration • Reverse Osmosis • Re-mineralisation • Wi-Fi Enabled

### HANS™ PREMIUM WATER

- All in one water filtration system with integrated sediment and carbon filters and re-mineralisation
- Low maintenance
- Third-party tested – tested to meet international quality standards
  - Removes hardness without salt – as low as <1 ppm
  - Reduces lead levels to as low as <1 ppb versus the 15 ppb allowed by the EPA
  - Reduces iron to <1ppb, TDS 40ppm, PFOA & PFOS as low as <20 ppt, and a host of other contaminants
- Self-cleaning – unique high-turbulence micro-burst flush feature automatically cleans the system daily
- Monitors performance – sends alerts if service is required via intuitive touch screen and mobile app
- Space-saving design – 47cm x 57cm x 125cm

### APPLICATIONS

- Hotel Kitchens
- Restaurants
- Coffee Shops
- Brewing & Beverage Production
- Healthcare & Labs
- Facilities & Industrial
- Private Homes

**Anywhere that high quality water is required in a commercial setting.**

### APPLICATION GUIDELINES, SPECIFICATIONS AND FEATURES

	Parameter	Commercial with 300L accumulated tank
Operating Limits	Min/Max Working Inlet Pressure	30psi/80psi
	Min/Max Temperature	1.5 - 32°C
	Min Feed Water pH	6
	Max Feed Water pH	9
	Max TDS	750 ppm
	Max Input Free Chlorine	4 ppm
	Max Hardness	600 ppm
System Ratings/Parameters	Reverse Osmosis Capacity L/hr	790
	Peak Flow Rate L/min	13.1
	Recovery Rating *	Up to 75%
	Electrical Connection V/Hz SR	240/50
	Max Load Amps SR	7.4 Amps
	Dimensions W x D x H, cm	47cm x 57cm x 125cm

\* Recovery Rating means: The amount of filtered water recovered compared to waste water in percentage terms.

## THIRD PARTY TEST RESULTS

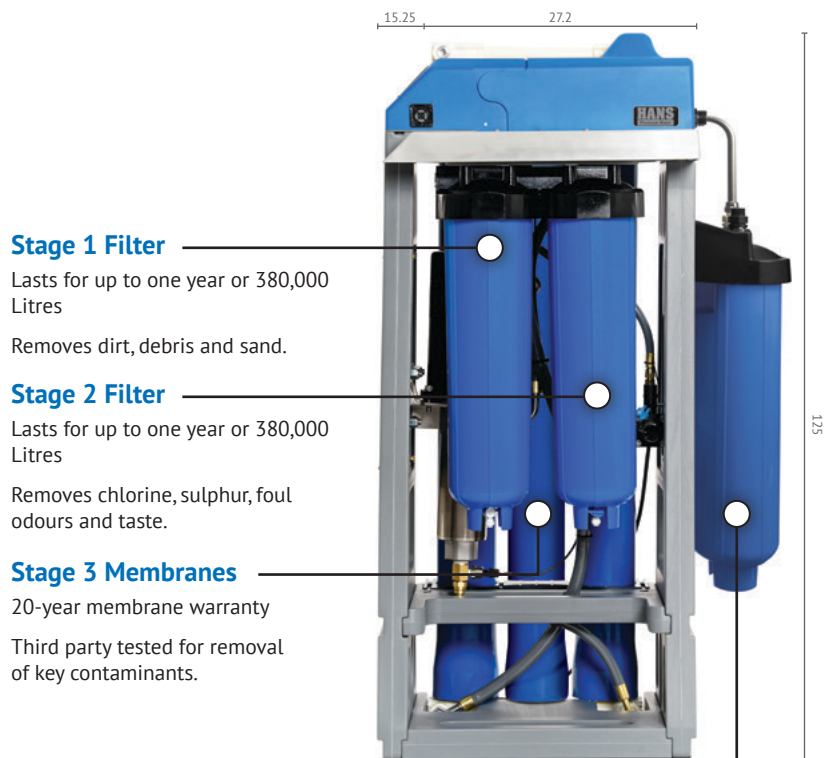
Contaminant	NSF/ANSI 58 Testing Standard	Concentration Tested	HANS™ Premium Water Results
Hardness	<187 ppm	600 ppm	<1 ppm
TDS	<187 ppm	785 ppm	40 ppm
Lead	<10 ppb	139 ppb	<1 ppb
Fluoride	<1.5 ppm	7.54 ppm	0.8 ppm
Iron (Ferric and Ferrous)	<0.3 ppm	3.46 ppm	.018 ppm
PFOA & PFOS	<70 ppt	590 ppt	<20 ppt
Arsenic (A3 and A5)	<10 ppb	52.4 ppb	<1 ppb
Nitrate	<10 ppm	27.9 ppm	0.9 ppm
Nitrite	<1 ppm	3.3 ppm	0.2 ppm
Chromium 6+	<100 ppb	304 ppb	<1 ppb
Chloroform Surrogates*	<15 ppb	282 ppb	<0.2 ppb

Up to 99.99% reduction of bacteria and 99.9% of reduction in viruses using the HANS™ Premium Water System.

PPM = parts per million | PPB = parts per billion | PPT = parts per trillion

\*Includes: alachlor, atrazine, benzene, carbofuran, carbon tetrachloride, chloropicrin, dibromochloropropane, o-dichlorobenzene, p-dichlorobenzene, 1,2-dichloroethane, trans-1,2-dichloroethylene, 1,2-dichloropropane, cis-1,3-dichloropropylene, dinoseb, endrin, ethylbenzene, ethylene dibromide, haloacetonitriles, bromochloroacetonitrile, dibromoacetonitrile, dichloroacetonitrile, trichloroacetonitrile, haloketones, 1,1-dichloro-2-propanone, 1,1,1-trichloro-2-propanone, heptachlor, heptachlor epoxide, hexachlorobutadiene, exachlorocyclopentadiene, lindane, methoxychlor, pentachlorophenol, simazine, styrene, 1,1,2,2-tetrachloroethane, tetrachloroethylene, toluene 1, 2, 4, 5-TP, tribromoacetic acid, 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethylene, trihalomethanes, chloroform, bromoform, bromodichloromethane, chlorodibromomethane, and xylenes.

**Note:** testing was performed under laboratory conditions. This reverse osmosis system contains replaceable treatment components, critical for the effective reduction of total dissolved solids and that product water shall be tested periodically for pH, nitrate, nitrite, and arsenic.



### Stage 1 Filter

Lasts for up to one year or 380,000 Litres

Removes dirt, debris and sand.

### Stage 2 Filter

Lasts for up to one year or 380,000 Litres

Removes chlorine, sulphur, foul odours and taste.

### Stage 3 Membranes

20-year membrane warranty

Third party tested for removal of key contaminants.

### Stage 4 Mineralisation

Introduces trace amounts of calcite for pH balance and taste.



### Water Use Monitoring

Intuitive touch screen communicates water conditions and service requirements.