

Operating Specifications

Water Temp	2-35 deg (C)
Ambient Temp	2-48 deg (C) ambient temp
Feed Pressure	30-60 PSI dynamic (system should be regulated to 60 PSI static max for best performance)
Power	220V 60Hz 15 amp dedicated GFCI
TDS	< 3000 input
Max Output Pressure	65 PSI
Max Output Flow*	> 302 LPM
Recovery**	Up to 90% (inlet water temp & TDS dependent)

Pre-Filters (2)

Shelco 12FOS4	12 x 10 um cartridges
Shelco 12FOS4	12 x 5 um cartridges

HANS Carbon Filters (3)

Carbon Cell	(18) 10" x 44" tanks in parallel with connecting manifold
Carbon Size	22.5 cu ft total
Media	Catalytic carbon

HANS Redundant Pumps (2)

Rated Flow	132 LPM at 50 PSI
Power	120-240v AC single phase

Stenner Anti-Scaling Injection

Pump	Stenner ECON FP Series
Controller	HANS Control Box

HANS Quad RO (5)

Membrane Elements	(20) - 6" x 40" elements; 5600 sq ft total active area
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Inlet Water Requirements

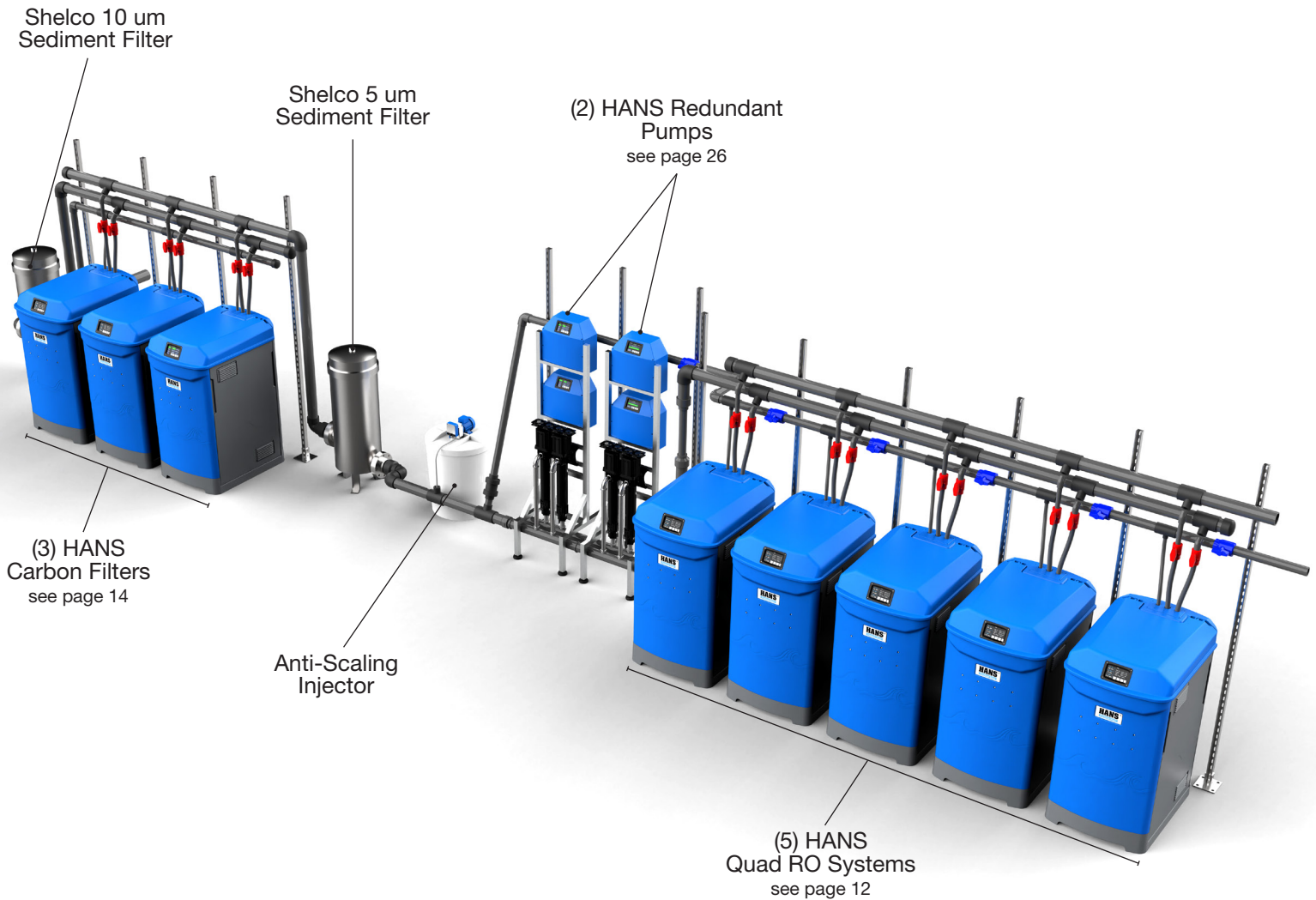
pH	5 to 9
TDS	< 3000 PPM
PFOA/PFOS	< PFOA (8000 PPT) < PSOS (16000 PPT)
Lead	< 150 PPB
Iron	< 6 PPM (Note - each ppm iron reduces grain capacity by 5)
Arsenic	< 50 PPB
Nitrate	< 30 PPM
Nitrite	< 3 PPM
Hardness	< 257 PPM
Chromium 6	< 300 PPB
Chromium Total	< 300 PPB
Barium	< 10 PPM
Radium	< 25 pCi/L
Fluoride	< 7.8 mg/L
Chlorine	< 4 PPM
Chloramine	< 4 PPM
VOCs (detailed list available)	—
Turbidity	1 NTU
Water Flow & Pressure	340-454 LPM @ 45 PSI min (inlet flow rates dependent on inlet TDS)

* > 80 GPM based on the following conditions: 77 deg F water temp; < 500 TDS; 50 PSI inlet; 35 PSI outlet

** Up to 90% recovery based on inlet TDS < 350

435,000 Litres Per Day System

302 Litres Per Minutes
with Boost Pumps



Footprint: 39 x 4.67 ft (11.9 x 1.3 meters)
182 sq ft (16.9 sq meters)

HANS[™]
Premium Water