

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*	> 121 LPM
Recovery**	Up to 90% (inlet water temp & TDS dependent)

Pre-Filter

Shelco 12FOS4	12 x 10 um cartridges
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HANS Carbon Filter

Carbon Cell	(6) 10" x 44" tanks in parallel with connecting manifold
Carbon Size	7.5 cu ft total
Media	Catalytic carbon

HANS Redundant Pump

Pump	(1) HANS Redundant Pump
Rated Flow	35 GPM at 50 PSI
Power	120-240v AC single phase

Anti-Scaling Injection

Pump	Stenner ECON FP Series
Controller	HANS Control Box

HANS Quad RO (2)

Membrane Elements	(8) - 6" x 40" elements; 1680 sq ft total active area
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Inlet Water Requirements

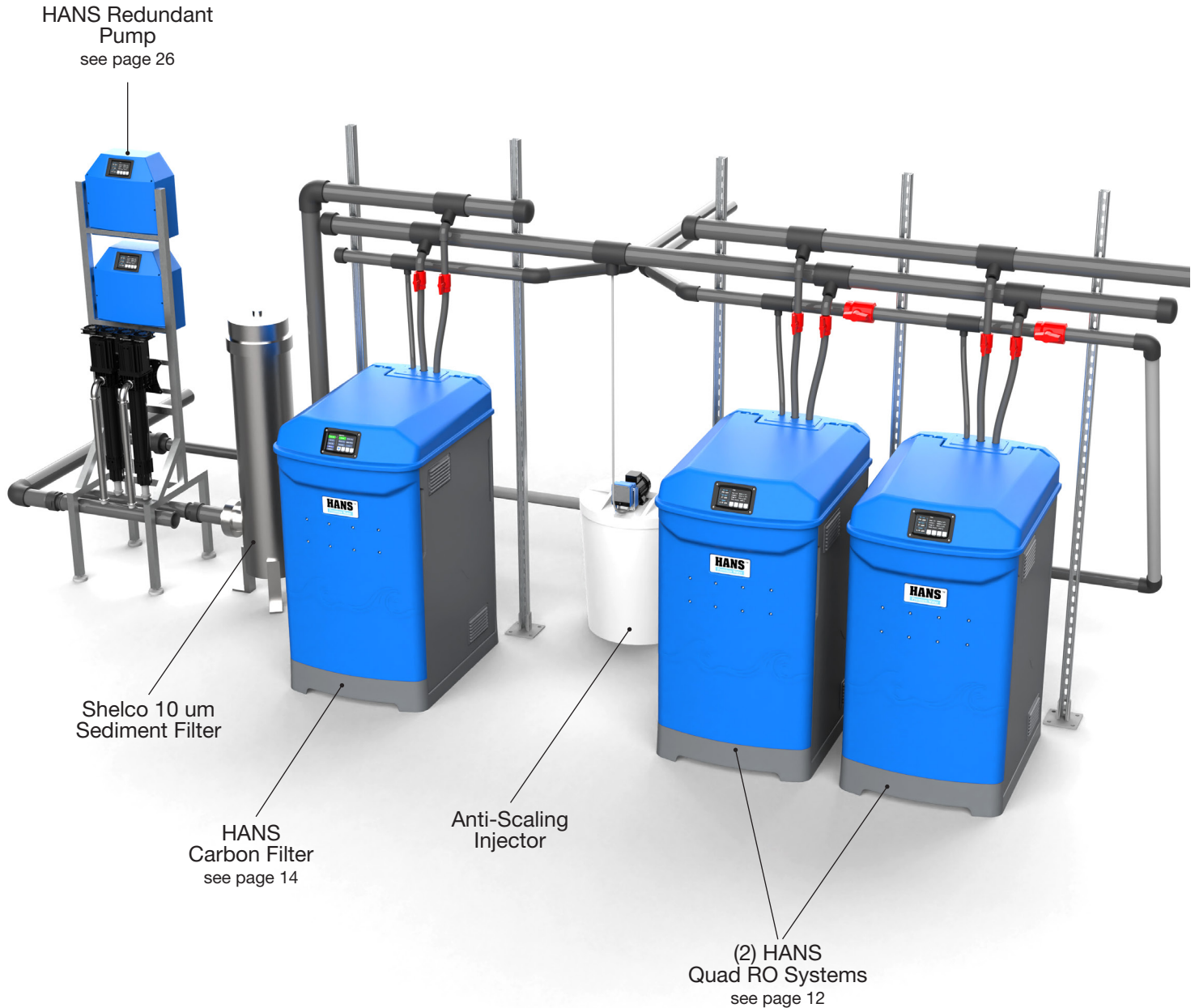
pH	5 to 9
TDS	< 3000 PPM
PFOA/PFOS	< PFOA (8000 PPT) < PSOS (16000 PPT)
Lead	< 150 PPB
Iron	< 6 PPM (Note - each PPM iron reduces grain capacity by 5)
Arsenic	< 50 PPB
Nitrate	< 30 PPM
Nitrite	< 3 PPM
Hardness	< 257 PPM
Chromium 6	< 300 PPB
Chromium Total	< 300 PPB
Barium	< 10 PPM
Radium	< 25 pCi/L
Fluoride	< 7.8 mg/L
Chlorine	< 4 PPM
Chloramine	< 4 PPM
VOCs (detailed list available)	—
Turbidity	1 NTU
Water Flow & Pressure	132 - 189 LPM @ 10 PSI min (inlet flow rates dependent on inlet TDS)

* > 32 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

174,000 Litres Per Day System

121 Litres Per Minute
with Boost Pump



Footprint: 19 x 4.33 ft (5.8 x 1.3 meters)
82.27 sq ft (7.6 sq meters)

HANS[™]
Premium Water