

## Operating Specifications

|                     |  |
|---------------------|--|
| Water Temp          | 35-95 deg (F)  |
| Ambient Temp        | 35-120 deg (F) 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*    | > 32 GPM   |
| Recovery**          | Up to 90% (inlet water temp & TDS dependent)   |

## Pre-Filter

|               |                       |
|---------------|-----------------------|
| Shelco 12FOS4 | 12 x 10 um cartridges |
|---------------|-----------------------|

## 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 |
|-------------------|---|

## Inlet Water Requirements

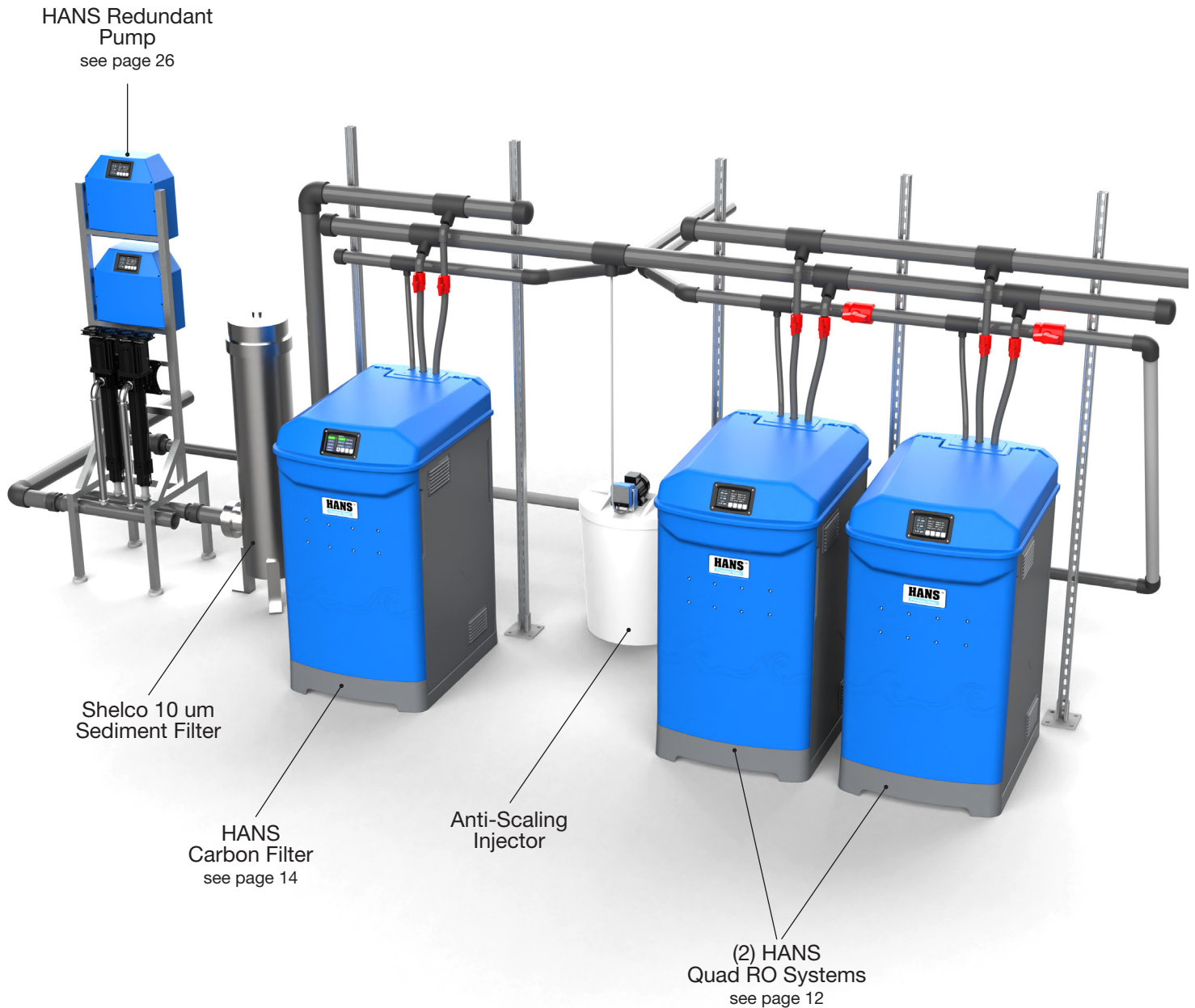
|                                   |   |
|-----------------------------------|---|
| pH                                | 5 to 9  |
| TDS                               | < 3000 PPM  |
| PFOA/PFOS                         | < PFOA (8000 PPT)<br>< PSOS (16000 PPT)                             |
| Lead                              | < 150 PPB   |
| Iron                              | < 6 PPM (Note - each PPM iron reduces grain capacity by 5)          |
| Arsenic                           | < 50 PPB  |
| Nitrate                           | < 30 PPM  |
| Nitrite                           | < 3 PPM   |
| Hardness                          | < 15 GPG  |
| 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<br>(detailed list available) | -   |
| Turbidity                         | 1 NTU   |
| Water Flow & Pressure             | 35-50 GPM @ 10 PSI min<br>(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

# 46,000 Gallons Per Day System

32 Gallons 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)

