



ULTRA WHISPER - SPECIFICATIONS

Performance Rated Performance / Product Water Produced: +/-15% at 820 PSI / 57 BAR, 77°F / 25°C & 35,000 PPM TDS typical sea water

| Production / Weight | Production / Weight | | | |
|---------------------|---------------------|-----------------|------------------|------------------|
| | Model # | Per Hour | Weight - Compact | Weight - Modular |
| | 200 | 8 gal / 32 lit | 130 lbs / 59 kg | 125 lbs / 59 kg |
| | 400 | 17 gal / 63 lit | 145 lbs / 66 kg | 140 lbs / 63 kg |
| | 600 | 25 gal / 95 lit | 155 lbs / 70 kg | 150 lbs / 68 kg |

Salt Rejection (Chloride Ion) Minimum 99.2%, Average 99.4%

Product Water Temperature Ambient to feed water temperature

Pressure Adjustment Automatically controlled

Salinity Monitoring Automatic electronic monitoring. Temperature compensated with the digital continuous readout. The salinity monitoring components of the system give a continuous TDS readout in ppm (parts per million), are temperature compensated, and of a fail safe design.

Salinity Range Designed for seawater use up to 50,000 PPM TDS (NaCl) (typical seawater salinity is 35,000 ppm)

Temperature Range Max. 122°F / 50°C, Min. 33°F / .5°C

System Feed Water Flow: 4.5 gpm / 17 lpm (depending on system)

Reverse Osmosis Membrane Selected High Rejection/High Yield aromatic tri-polyamid, thin film composite, spiral wound, single pass, high rejection reverse osmosis membrane element.

| | |
|---------------------------|-----------------------------------------------------------------|
| Chlorine Tolerance | 0.1 PPM |
| pH Range | 3-11 (typical seawater pH is 8) |
| System Pressure | Feed Water: Maximum 35 psi / 2.41 bar / 2.46 Kg/cm ² |
| System Operation | Seawater nominal 820 psi / 56.5 bar / 57.66 Kg/cm ² |

External Installation Water Connections Pipe sizes to be supplied by the installer for connection of the SRC supplied components. The below pipe threads are all US Standard.

| | |
|-------------------------|---------------------------------------|
| Feed Inlet: | 1/2" MNPT Male National Pipe Thread |
| Brine Discharge: | 1/2" MNPT Male National Pipe Thread |
| Product: | 1/4" FNPT Female National Pipe Thread |

Electrical (NOA = Normal Operating Amps; SUC = Start Up Current; HP Feed Pump and Motor = Horse Power)

| Ultra Whisper Model #: 200 | Voltage | Phase HZ | VAC | NOA | SUC |
|-------------------------------|---------|----------------|-----|-----------|-----|
| | 12V | | | 13.0 | 95 |
| | 24V | | | 7.0 | 48 |
| | | Single 50 / 60 | 115 | 5.1 / 4.4 | 15 |
| | | Single 50 / 60 | 230 | 2.5 / 2.2 | 8 |

| Ultra Whisper Model #: 400 | Voltage | Phase HZ | VAC | NOA | SUC |
|-------------------------------|---------|----------------|-----|-----------|-----|
| | 12V | | | 22.0 | 95 |
| | 24V | | | 11.0 | 48 |
| | | Single 50 / 60 | 115 | 6.7 / 5.8 | 15 |
| | | Single 50 / 60 | 230 | 3.3 / 2.9 | 8 |

| Ultra Whisper Model #: 600 | Voltage | Phase HZ | VAC | NOA | SUC |
|-------------------------------|---------|----------------|-----|------------|-----|
| | 24V DC | | | 22.0 | 60 |
| | | Single 50 / 60 | 115 | 11.3 / 9.8 | 33 |
| | | Single 50 / 60 | 230 | 5.6 / 4.9 | 15 |