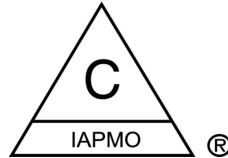


Topper Manufacturing Corporation

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Performance Data Sheet



This WOW-50 RO System is Certified by IAPMO R&T against NSF/ANSI 58 for the reduction of Claims specified in the Performance Data Sheet

TOPPER MFG R.O. DRINKING WATER SYSTEM MODEL WOWRO-50 - 20-209-001

WOWRO SYSTEM ASSEMBLY COMPONENTS

Sediment/Carbon Prefilter:	Pleated Activated Carbon
Membrane Type:	AM-88 Thin Film Composite (T.F.C.)
Carbon Post Filter:	5 Micron/Activated Carbon Block (Catalytic Coconut Shell Mesh blend)

Refer to owner's manual for proper operation, installation instructions, warranty information, service interval recommendations, parts and service availability. See the test kit(s) for sampling instructions.

MEMBRANE RATING

Membrane Production: 50-63 gallons per day (189-238 liters per day) **Membrane T.D.S. Reduction:** 96% minimum
Note: Measured at industry standard condition of 65 psig, 68°F, 250 ppm T.D.S., and discharging to atmosphere. Actual system production and contaminant reduction will depend upon water temperature, pressure, pH and T.D.S. level, membrane variation and usage pattern.

REDUCTION PERFORMANCE CLAIMS: This system has been tested according to NSF/ANSI 58 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 58. Retesting occurs every five years. Testing was performed under standard laboratory conditions. Actual performance may vary.

NSF/ANSI 58 Standard Requirements - Test Parameters: pH-7.5±0.5 Temperature-77°±1°F Pressure-50 psig TDS-710-790 mg/L

WOWRO CERTIFICATION RESULTS

Average T.D.S. Reduction: 95.4% **System Production:** 30.5 GPD (113 liters per day)

Recovery Rating: 50% **Efficiency Rating:** 27.7%

Rated at 50 psi, (345 kPa), Temp 68°±5°F, 710-790 mg/L T.D.S., per section 6 of NSF/ANSI standard 58 product water to pressurized storage tank.

Efficiency rating means the percentage of the influent water to the system that is available to the user as reverse osmosis treated water under operating conditions that approximate typical daily usage.

Recovery rating means the percentage of the influent water to the membrane portion of the system that is available to the user as reverse osmosis treated water when the system is operated without a storage tank or when the storage tank is bypassed.

OPERATIONAL SPECIFICATIONS

pH cannot be lower than 3 or higher than 11

Water Pressure: 20-125 psig (138-862 kPa)

Water Temperature: 40°-100° F (4°-38° C)

Total Dissolved Solids (TDS) cannot exceed 1500 ppm

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.

ALL SYSTEMS MUST BE ON COLD WATER LINES ONLY