

The WaterMaker Mini by Nimbus Water Systems produces high quality, reverse osmosis water simply and easily. No heavy bottles to lift, no trips to the store, no permanent plumbing connections required. Just connect it to your faucet and begin making sparkling fresh drinking water right away.

Installation

Do not use with water that is microbiologically unsafe or of unknown quality.

Step 1: Remove the old aerator from the kitchen faucet.

Step 2: Install the new aerator. See *Fig. 1*.

Step 3: Remove and discard the protective cap. While holding down the white lock-ring on the unit, place the top over the end of the new aerator. Release the lock-ring. The unit will clamp into place. See *Fig. 2*. A slight downward tug on the entire assembly will confirm the connection.

Step 4: Remove the small protective cap from the stainless steel tube near the top of the unit and attach the plastic tubing as shown in *Fig. 3*. Fresh water will drip from this tube. Collect it by directing the tube into a pitcher or other container. Place the container in the sink to catch any overflow. *Fig 4*.

Operation

Slowly turn on the cold water. Tap water will circulate through the unit. Concentrated salts and impurities exit in a steady stream from the small outlet at the bottom of the unit. Allow this water to go to the drain. For the WaterMaker Mini to work properly, water should be produced in 0.5 gallon (2 liter) volumes or more.

Storage

Turn off the cold water. Allow the unit to drain for 30 seconds. Depress the white lock-ring and lower the unit away from the faucet. Place the unit in a plastic zipper-lock bag and store it in the refrigerator until next use. Do not allow the unit to freeze.

Normal fresh water flow is a drip process. Normal waste water flow is a steady stream. Both may be impaired by a high volume of particulate matter in your tap water.

If your unit develops a leak, check the following:

1. If the unit leaks between the replacement aerator and the quick-connect lock-ring, a poor seal may be the cause. Lubricate the circular black ring in the quick-connect portion of the unit with a very small amount of petroleum jelly.
2. If a leak occurs between the quick-connect and the cap at the top of the plastic pressure vessel, first check to see that the mesh screen located in the cap is properly seated, then hand-tighten the cap and pressure vessel.

Important Product Information

1. Use cool water only.
2. First Use - Allow the unit to run for 4 hours before collecting any drinking water. This will allow carbon dust and residue from the sanitizing agent to be rinsed from the unit. (Continued on back page)



Fig.1

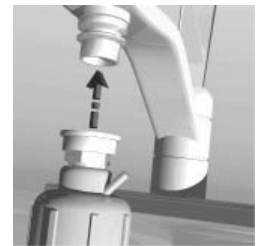


Fig.2



Fig.3



Fig.4

(Continued from front page)

3. Store the WaterMaker Mini in the refrigerator. Do not allow the unit to freeze.
4. This reverse osmosis system contains a replaceable treatment component critical for effective reduction of total dissolved solids (TDS). The product water should be tested periodically to verify that the system is performing satisfactorily. With normal use and care, the membrane in this unit will last one year. In order to determine when your unit requires maintenance, Nimbus recommends testing the product water every six months. A water quality testing kit has been included. You may also purchase a digital TDS meter from www.watermakermini.com.

System Specifications

Total Dissolved Solids	96.0% average reduction
Daily production rate	75.7 L/d (20 gpd) ¹
Post filter	Activated carbon
Unit Dimensions	8.5" L x 2.5"D (21.59cm x 6.35cm)
Unit Weight (dry)	11 oz. (0.34kg)
Feed Water	Potable water ²

Operating Parameters

Minimum Feed Pressure	40 psi (275 kPa)
Maximum Feed Pressure	100 psi (690 kPa)
Minimum Feed Temp	32°F (0°C)
Maximum Feed Temp	100°F (38°C)
Maximum TDS	1,000 mg/L
Chlorine	1.0 mg/L max

¹ System performance under standard test conditions. Based on membrane performance on a 750 mg/L NaCl solution after 24 hours at a feed pressure of 50psi (448 kPa), 77°F (25°C) and a pH of 7.5. Performance may vary ± 10%.

² Do not use with water that is microbiologically unsafe or of unknown quality.

Warranty

The Manufacturers Limited Warranty extends to the original purchaser of the system. This warranty covers all parts and factory labor needed to repair any supplied item that proves to be defective in material, workmanship or factory preparation. The above-mentioned warranty applies for four calendar years from date of purchase. These defective items are subject to the following exclusions: membranes, filters, O-rings, and all other parts or components that require regular replacement as a result of ordinary usage.

Disclaimers This Warranty applies only if the system is installed and used in compliance with the instructions enclosed with the system.

The Warranty does not cover any non-WaterMaker Mini parts. This Warranty does not cover the costs of repairs or adjustments to the unit that may be needed because of the use of improper parts, equipment or materials. This Warranty does not cover repairs required due to use of non-WaterMaker Mini parts, unauthorized alterations of the unit, or failure of a unit caused by such alterations or by unauthorized repairs.

The Warranty does not cover malfunctions of the unit due to tampering, misuse, alteration, lack of regular maintenance, misapplication, fouling due to hydrogen sulfide or iron, scaling from excessive hardness, or excessive membrane hydrolysis due to chlorine levels in excess of 1.0 mg/L. In addition, damage to the unit due to fire, accident, negligence, act of God, or events beyond the control of the manufacturer are not covered by this warranty.

Incidental and Consequential Damages The manufacturer does not assume responsibility for payment of incidental and consequential damages as a result of the failure of this unit to comply with express or implied warranties, such as lost time, inconvenience, damage to personal property, loss of revenue, commercial losses, postage, travel, telephone expenditures, or other losses of this nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion may not apply to you.

Owner's Warranty Responsibilities Under the provisions of the Warranty, the owner is expected to schedule maintenance, as described in this Manual. Neglect, improper maintenance, abuse, or unapproved modifications may invalidate the Warranty. Should your unit develop a defect or otherwise fail to perform in accordance with this warranty, you should contact Nimbus Water Systems customer service.

Implied Warranties The implied at-law warranties of merchantability and fitness for a particular purpose shall terminate on the date one year after the date of purchase. Note: some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

Other Rights This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

