



COUNTERTOP INSTALLATION MANUAL

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This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference.
- (2) this device must accept any interference received, including interferences that may cause undesired operation.



INTRODUCTION

Purchasing a Water Dispenser from Express Water was a GREAT choice!

This unique design offers the benefits of:

- No more struggling to lift heavy water bottles!
- No more spills during water bottle installation!
- No more unsightly bruised or battered recycled water bottles!
- Waterways stay cleaner between regular cleaning and maintenance!

Please read the enclosed operating instructions carefully and retain this booklet for future reference. We have carefully engineered your water dispenser to provide years of enjoyment and trouble-free operation.

IMPORTANT SAFEGUARDS

- This water dispenser is equipped with a grounded power cord plug for your safety.
- Do not operate this (or any other appliance) with a damaged power cord. Be sure that the plug is fully inserted into the GFCI outlet and that no other appliance is plugged into the same outlet.
- Do not run the power cord over carpeting or other heat insulators, and do not cover it. Avoid laying the cord in high traffic areas, and never submerge it in water.
- Do not use an extension cord as it may overheat, increasing the risk of fire.
- If the supply cord is damaged, contact Express Water or a qualified electrician to replace it before plugging it in.
- Never turn the dispenser upside down. If the dispenser has been resting on its side for a long period of time, place the it in the upright position for approximately 12 hours before using.
- Never allow children to dispense hot water without proper and direct supervision.
- Keep your water dispenser in a dry place away from direct sunlight.
- Do not use this water dispenser outdoors.
- Never put anything flammable close to the dispenser.
- Leave a minimum of 6 in (15 cm) in the back and on both sides of the dispenser for proper ventilation.
- Always install your water dispenser on a level floor.
- Wait 5 minutes before restarting the machine after turning it off .
- Always unplug the water dispenser before servicing.
- Regular cleaning of your water dispenser is required to maintain your warranty.
- Please follow the cleaning instructions outlined in this manual and clean the dispenser every 6 months.

GROUNDING INSTRUCTIONS

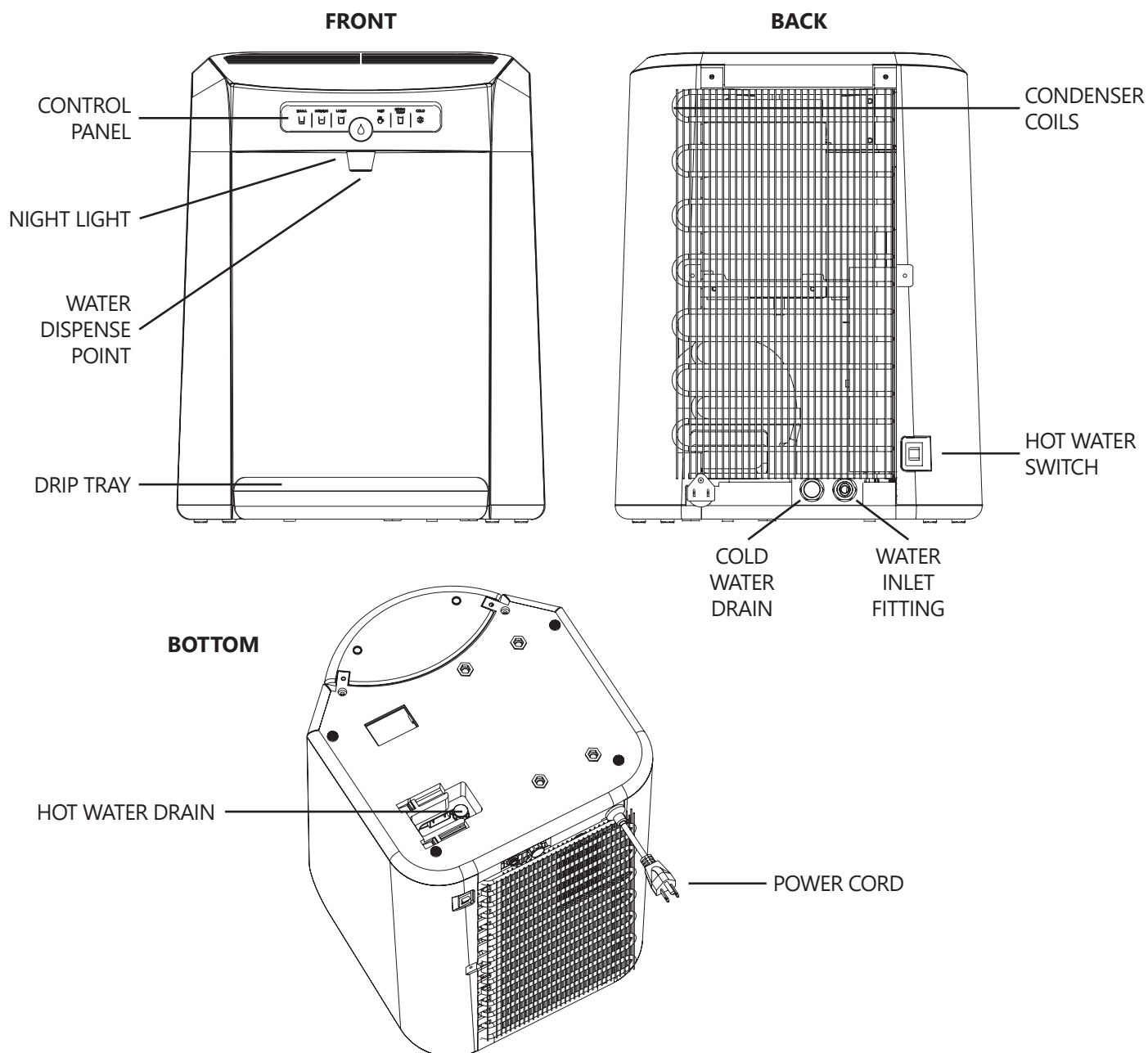
- To provide additional protection from the risk of shock, this dispenser **MUST** be connected to a ground fault circuit interrupter (GFCI) outlet at all times. Use of an extension cord will void any warranties.
- This appliance must be grounded. Improper use of the grounding plug can result in a risk of electric shock, causing serious injury and possibly death.
- This appliance is equipped with a power cord having a grounding wire with a grounding plug and must be connected into a properly-grounded, polarized outlet.
- Consult a qualified electrician if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded. If the wall outlet is a standard, 2-prong outlet, it is your personal responsibility and obligation to have it replaced with a properly-grounded, 3-prong wall outlet.
- Do not under any circumstances cut or remove the third (ground) prong from the power cord plug.
- Do not use an adapter plug with this appliance.



TECHNICAL SPECIFICATIONS

MODEL	WDC001	HOT WATER/HR	1.2 GAL (4.5 L)
RATED VOLTAGE	115V - 60Hz	COLD WATER/HR	0.4 GAL (1.5 L)
HEATING POWER	420W	HOT WATER TEMP. RANGE	165°F - 194°F (73.9°C - 90°C)
COOLING POWER / CURRENT	90W / 1.5A	WATER SUPPLY PRESSURE	35 - 100 psig [0.2 - 0.7 MPa]
COOLANT	R134a 28g	WATER SUPPLY FLOW RATE	MINIMUM 2.0 L/MIN

PRODUCT DIAGRAM



INSTALLATION

WARNING: The drain plugs on the back and bottom of the dispenser may loosen during shipping. Securely tighten the drain plugs before starting the water dispenser. A loose drain plug may leak, causing floor damage.

IMPORTANT: The dispenser should only be connected to a potable water supply with pressure between 35 - 100 psig. The water flow rate to the dispenser must be at a minimum 2.0 liters/minute at all times. The dispenser should be connected to a dedicated water supply line.

IMPORTANT: If using a filter with the dispenser, ensure that it can still supply 2.0 L/Min. flow to the dispenser. It is not recommended to use a RO (Reverse Osmosis) system with this dispenser.

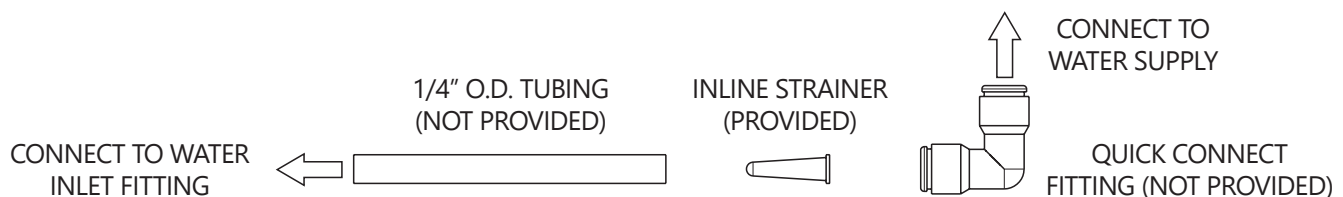
IMPORTANT: Do not use dispenser at elevation higher than 6500 ft.

WARNING: A pressure regulator, such as a Slow Flow regulator, must be installed in front of the water inlet if the water pressure (including any possible pressure spikes) could exceed 100 psig.

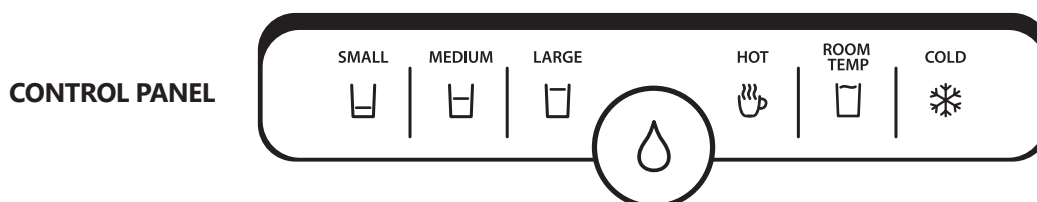
IMPORTANT: MAKE SURE THAT THE DISPENSER IS NOT PLUGGED IN AND THAT THE HOT TANK SWITCH IS OFF BEFORE CONTINUING.

1. After unpacking, wipe dispenser with a soft cloth.
2. Place the dispenser on a hard, flat surface, making certain the dispenser is level. The dispenser should not be placed near direct sunlight or any other source of heat.
3. It is best to place the dispenser in an area with good air circulation. Make sure there is at least 6 in (15cm) of clearance in back and on both sides of the dispenser for proper ventilation.
4. Locate the water inlet fitting on the back of the dispenser.
5. Locate the inline strainer provided (in a bag on the back of the dispenser). Insert the strainer into a length of 1/4" O.D. tubing as shown. Attach a quick connect fitting and connect to the water supply. Connect the other end of the tubing to the water inlet fitting on the rear of the dispenser.

IMPORTANT: For proper assembly of a quick connect fitting, refer to the section "QUICK CONNECT FITTING INSTRUCTIONS".

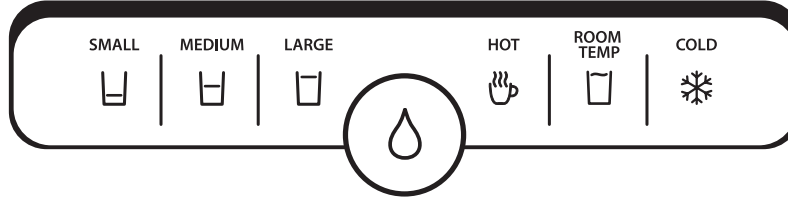


6. Plug the dispenser into a grounded GFCI power outlet.
7. Select the cold water icon and then press and hold the water drop icon until water flows out of the water dispense point.
8. Select the hot water icon and then press and hold the water drop icon until water flows out of the water dispense point.
9. Flip the hot water switch on the back of the dispenser to the ON position.
10. The first time the dispenser is used, you will have to wait at least 1 hour for cold water and 15 minutes for hot water



OPERATION

CONTROL PANEL



There are two options for dispensing:

1. PRESET CUP SIZE

The factory settings for the PRESET cups sizes are as follows:

SMALL = 6 oz (177 ml)

MEDIUM = 10 oz (296 ml)

LARGE = 16 oz (473 ml)

NOTE: These are approximate sizes and may vary slightly.

- To dispense a PRESET sized drink, first choose the desired size on the left side of the control panel. The selection will remain illuminated. The water drop icon will begin blinking.
- Next, choose the desired water temperature on the right side of the control panel. The selection will remain illuminated.
- Dispense the drink by pressing and releasing the water drop icon in the center of the control panel.

NOTE: Pressing the dispense icon a second time will cancel the PRESET dispense.

NOTE: PRESET cup size does not work for hot water.

2. ANY AMOUNT

- To dispense an ANY AMOUNT drink, first select the desired water temperature.
- Dispense the drink by pressing and holding the water drop icon in the center of the control panel. Water will dispense until the icon is released.

PROGRAMMING YOUR FAVORITE CUP SIZES

The PRESET cup sizes can be programmed for your favorite bottle or cup sizes.

To program a cup size:

- Place your container under the water dispense point.
- Determine the PRESET cup size that you want to program.
- Press and hold that icon until it starts to blink. (approximately 10 seconds)
- Touch the water drop icon to start the dispense and remove your finger.
- When the desired amount of water is dispensed, touch the water drop icon to stop the dispense. An audible "beep" will indicate the cup size is programmed.
- Repeat as desired for the other PRESET cup sizes.

NOTE: To return all cup sizes back to factory setting, touch and hold the "SMALL" and "COLD" icons for 3 seconds.

CLEANING AND MAINTENANCE

For maximum efficiency and performance, your water dispenser requires cleaning on a regular basis (ie. every 6 months). Regular cleaning will prevent potential growth of bacteria and will maintain a hygienic environment. Never use harsh chemicals or abrasive cleaners.

Cleaning the Outside of the Water Dispenser

The outside of the dispenser may be wiped clean with a cleaning solution product or a mild soap and water mixture and a soft cloth. Rinse thoroughly with clean water and dry.

Cleaning the Drip Tray

The drip tray should be emptied and cleaned regularly to remove spotting and any mineral deposits.

To remove the drip tray, lift the tray upward, dislodging it from the guides. Drain and clean with cleaning solution or a mild soap and water mixture. For tough deposits, add vinegar and let it soak until the deposits loosen. Then wash, rinse and dry thoroughly. Replace the grill on the drip tray and slide it onto the guides.

Cleaning the Condenser

Vacuum or sweep away the dust from the condenser coils. This will improve cooling and efficiency.

Cleaning the Waterways

IMPORTANT: TURN OFF THE HOT WATER SWITCH FOUND ON THE BACK OF THE DISPENSER.

1. Shut off the water supply to the dispenser.
2. Select the room temp water icon. Press and hold the water drop icon to dispense ambient temperature water to depressurize the system.
3. Put on disposable gloves.
4. Fill an empty filter housing with 1 tsp (5ml) of 5.25% sodium hypochlorite (common household bleach).
If you do not have an empty filter housing, contact Express Water Customer Service at 1-800-992-8876.
5. Disconnect the water supply line from the dispenser and

attach it to the inlet side of the filter housing. Using a short piece of 1/4" O.D. polyethylene tubing, connect one end of the tubing to the outlet side of the filter housing, and the other end of to the water inlet fitting found on the back of the dispenser.

6. Turn on the water supply to the dispenser.
7. Place an empty bucket underneath the water dispense point. Select the cold water icon. Press and hold the water drop icon and allow the empty filter housing to fill up, and dispense 6.8 oz (200 ml) of water into the bucket. Properly dispose of this sanitizing solution down the drain.

IMPORTANT: DO NOT DRAW ANY HOT WATER FROM THE DISPENSER. SANITIZATION FLUID SHOULD NOT BE ALLOWED TO ENTER THE HOT TANK.

8. Allow the dispenser to sit for 5 minutes containing the sanitizing solution. After 5 minutes, shut off the water supply to the dispenser.
9. Select the room temp water icon. Press and hold the water drop icon to depressurize the system.
10. Remove the filter housing, and reconnect the original water supply line to the water inlet fitting on the back of the dispenser. Turn on the water supply to the dispenser.
11. Flush the sanitizing fluid from the dispenser. Select the cold

water icon. Press and hold the water drop icon to dispense at least 21 cups (5 L) of water into the bucket.

12. Select the room temp water icon. Press and hold the water drop icon to dispense at least 8 cups (2 L) of water into the bucket.
13. Select the hot water icon. Press and hold the water drop icon to dispense at least 8 cups (2 L) of water into the bucket.
14. Turn the hot tank switch back on. Allow at least 1 hour for cold water and 15 minutes for hot water.

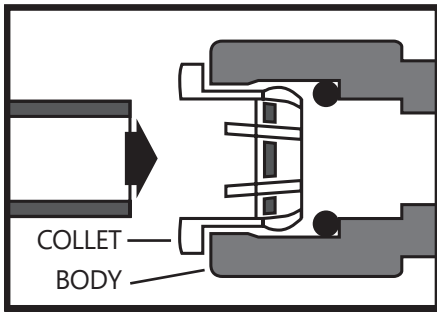
NOTE: To conserve energy when not using the dispenser for a long period of time, unplug the dispenser and drain the reservoirs.



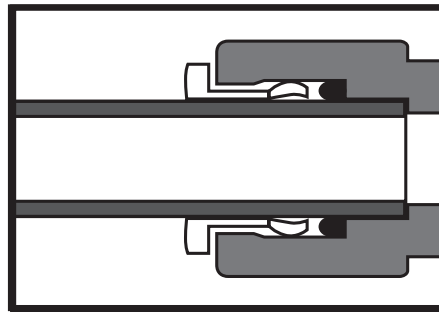
Draining the Reservoirs

1. Turn off the hot water switch on the back of the cooler.
2. Dispense water out of the hot water icon until the temperature drops to a safe level to avoid the risk of scalding (approximately 2L).
3. Shut off the water supply to the cooler.
4. Press the water drop icon to depressurize the system.
5. Disconnect the water inlet line to the cooler.
6. Place a container beneath the cold water drain on the back of the cooler.
7. Remove the cold water drain plug.
8. Press and hold the water drop icon. Water will begin to drain out of the tank. Continue to hold the water drop icon until water no longer comes out.
9. Re-install the cold water drain plug.
10. The hot water drain is located on the bottom of the cooler near the back. Place a container underneath it.
11. Remove the hot water drain cap and drain the tank until water no longer comes out. Re-install the hot water drain cap.

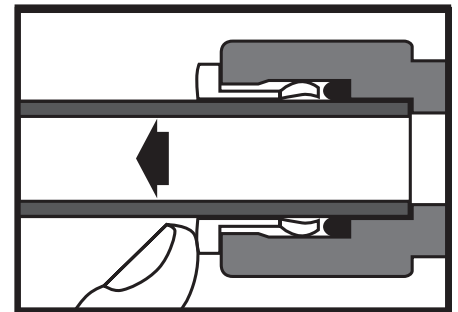
QUICK CONNECT FITTING INSTRUCTIONS



To connect, push tube through collet ring into body.



Tube must sit fully past o-ring.



To disconnect, push collet ring against body and pull tube out.

TROUBLESHOOTING

PROBLEM	POSSIBLE REASON	SOLUTIONS
Water does not dispense.	Dispenser is unplugged.	Plug the dispenser into a grounded GFCI power outlet.
	Main power supply is off .	Re-establish main power supply.
	Water supply not providing water.	Make sure water supply valve is ON.
	System has malfunctioned.	Turn off the water supply and unplug the dispenser. Contact dealer.
Water is not cold.	Too much cold water consumed in a short period of time.	Wait 15 minutes for the water to cool.
	The ventilation around the dispenser is insufficient.	Provide at least 6 in (15 cm) of clearance on all sides of the dispenser.
	System has malfunctioned.	Turn off the water supply and unplug the dispenser. Contact dealer.
Water is not hot.	Hot water switch is OFF.	Turn ON hot water switch.
	Too much hot water has been consumed in short period of time.	Wait 15 minutes for the water to heat.
	System has malfunctioned.	Turn off the water supply and unplug the dispenser. Contact dealer.
Dispenser is noisy during operation.	Dispenser is not level.	Place the dispenser on a level, flat surface.
	Dispenser is touching other objects.	Move the dispenser away from other objects.
Water leaks from the water dispense point.	The hot or cold water tank is operating and venting.	The dripping should be temporary.
	The water dispense point has been damaged.	Contact dealer.
Water is dripping out of the dispenser and onto the floor.	The cold water drain plug on the back or the hot water drain cap on the bottom is not fastened properly.	Make sure the cold water drain plug is pushed all the way in. Tighten the drain cap. If the silicone seal inside the drain cap is torn or damaged, replace with a new one.
	The hot or cold water tank is leaking.	Turn off the water supply and unplug the dispenser. Contact dealer.
The water being dispensed has a strange taste.	New water dispenser.	This is not uncommon with new water dispensers. The taste usually goes away after several gallons have been dispensed.
	Dispenser requires cleaning.	Clean the waterways. (See CLEANING THE WATERWAYS - p.8)
Continued drip from the water dispense point.	Water supply pressure and flow rate to the dispenser are too low.	The dispenser requires a minimum 35 psig water pressure to operate properly. The dispenser requires a minimum 2.0 liters/min. flow rate to operate properly.





1 YEAR LIMITED WARRANTY

As manufacturer, we do not know the characteristics of your water supply or the purpose for which you are purchasing a drinking water system. Please understand that the quality of water supplies may vary seasonally or over a period of time, and that your water usage rate may vary as well. Water characteristics can also change considerably if your drinking water system is moved to a new location. For these reasons, we assume no liability for the determination of the proper equipment necessary to meet your requirements, and we do not authorize others to assume such obligations for us.

Further, we assume no liability and extend no warranties, express or implied, for the use of this product on a non-potable water source. OUR OBLIGATIONS UNDER THIS WARRANTY ARE LIMITED TO THE REPLACEMENT OF THE FAILED PARTS OF THE DRINKING WATER SYSTEM, AND WE ASSUME NO LIABILITY WHATSOEVER FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, GENERAL, OR OTHER DAMAGES, WHETHER FROM CORROSION OR OTHER CAUSES.

We Cover

This warranty covers any defects in the parts or manufacturing of your Express Water System. We will give you new replacement parts in exchange for any defective parts.

What to Do

Give us a call at 1-800-992-8876 or send an email to support@expresswater.com and describe the problem to our support. Be sure to have a copy of your purchase confirmation email or receipt. Our support will verify that the product and problem are under warranty and help you arrange to send your defective part back to Express Water with your receipt and contact information (name, address, phone number, email address). Support will help arrange sending of the defective part, the delivery of your replacement part, as well as guiding you through the installation.

Time Covered

This warranty is effective for 1 full year from the date of original purchase.

Not Covered

This warranty does not cover labor for removal or installation, accumulation of dirt or grime (you are responsible for your own cleaning), systems with the serial number removed or altered, damage from improper storage (high or low temperature, sun damage, etc), damage from a system not installed as instructions directed, anyone other than original purchaser, damage from system abuse or unintended operation of system, accident, fire, flood, freezing, or any acts of God, improper water source, modification, negligence, commercial use of the system, Filters, incidental damages from system failure, systems used with parts not provided by Express Water (including tanks, filters, faucets, pumps, diverter valves), or cosmetic damages.

Your State

Some states have further regulation on damages and warranty coverage.
You may have other rights depending on your state.

For warranty questions, service, or help give us a call: **Monday - Friday 10 am to 5 pm PST: 1-800-992-8876**

support@expresswater.com • www.expresswater.com

Express Water Inc. **13030 Raymer St, North Hollywood, CA 91605**



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