



EZCHANGE SALT FREE DESCALER

Installation Guide

homewater.com

PO Box 960, Toronto, ON M5C2K3

EZCHANGE SALT FREE DESCALER

Effective scale reduction
that is eco-friendly

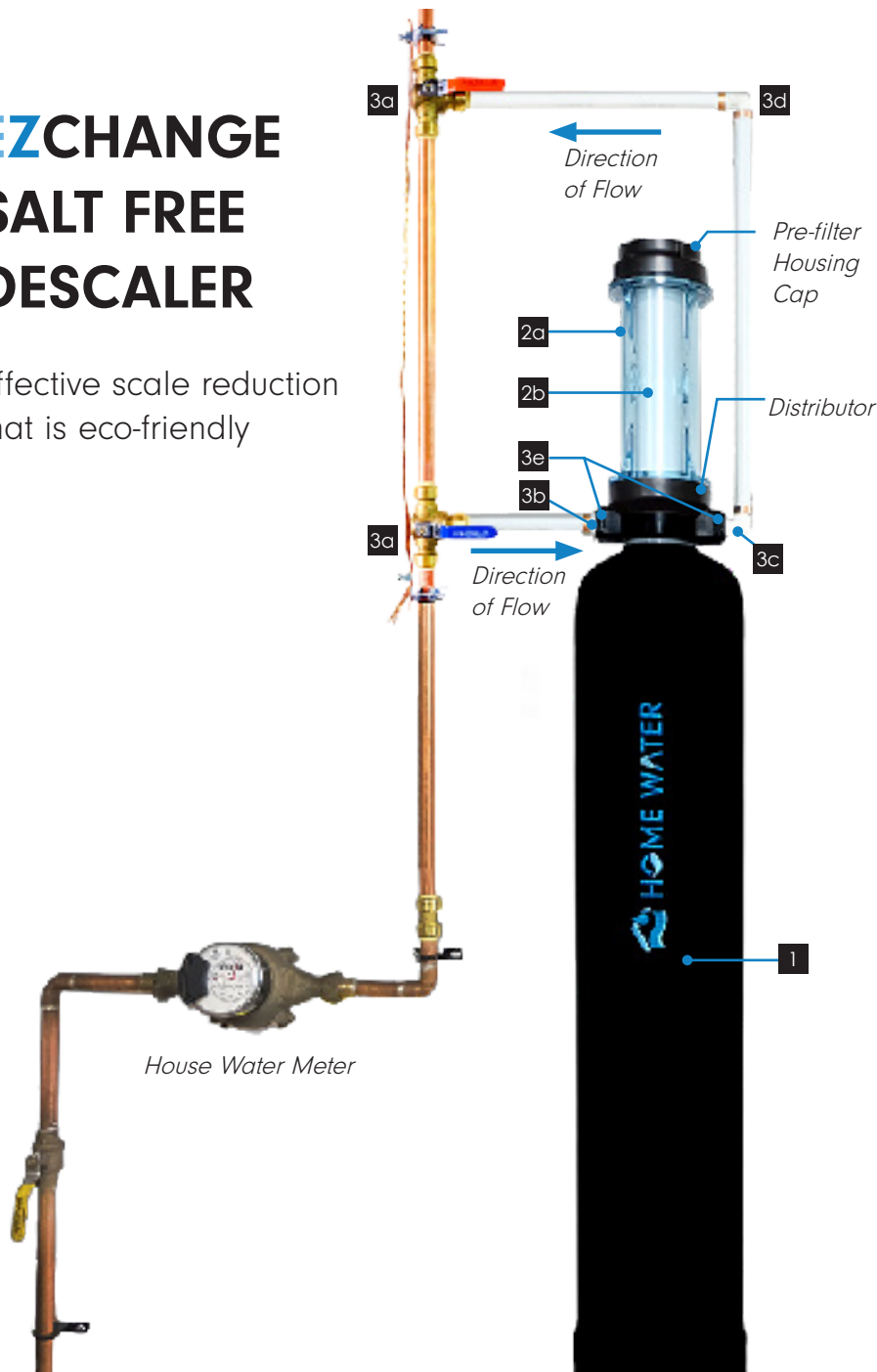


Fig 1. Standard Setup

Optional: sediment pre-filter



Parts List:

1 EZCHANGE Salt Free Descaler

3a (2) 3-Way Compression Shut-off Valve

3b 3/4" Straight Connector

3c 3/4" 90s Connector

3d (2) Brass 90s Connector

3e (2) Connector Lock

Optional

2a 11" Pre-filter Housing

2b 11" Sediment Pre-filter

2c Pre-filter Housing Wrench

Prior to Installation:

1. Descaler should be installed indoors in a temperature controlled environment.
2. Descaler should be installed right after the house water meter and prior to any branch-off plumbing lines to ensure all taps receive treated water.
3. Turn off main water supply to stop incoming water. Turn on a cold water tap on a lower level faucet to drain the lines.

Preconditioning the Descaler prior to installation:

1. It is very important to properly flush the Descaler prior to installation.
2. Connect a garden hose to the inlet port of the Descaler (marked "In") and slowly begin to fill the vessel with water.
3. Water will begin to flow from the outlet port of the Descaler, use a bucket or drain to catch the water.
4. The first few gallons will be cloudy and black. Continue this process for 15 minutes.
5. After 15 minutes begin to "Surge Flush" the Descaler by turning the water supply off for 30 seconds then on for 30 seconds and continue this for 15 more minutes or until the initial water surge is free of cloudiness and discoloration.
6. Disconnect the garden hose, the Descaler is now ready for installation.

Installation: Reference Fig. 1 for visual guide

1. Remove all parts from packaging.
2. If you are not installing a Sediment Pre-filter, replace the red transport cap on the distributor with the black cap provided and skip to step 7.
3. Remove plastic cover from the Sediment Pre-filter **2b**.
4. Remove the red transport cap on the Distributor.
5. Hand tighten the top loading Pre-filter Housing **2a** onto the Distributor until you feel no further movement.
6. Unscrew the Pre-filter housing cap and drop in the sediment Pre-filter. Hand tighten the top cap until you feel no further movement.
7. Insert 3/4" Straight Connector **3b** to the inlet port (marked "In") of the Distributor. Insert the **3e** Connector Lock into two slots located on the inlet port to lock the connection.
8. Insert 3/4" 90s Connector **3c** to the outlet port (marked "Out") of the distributor. Insert the Connector Lock **3e** into two slots located on the inlet port to lock the connection.
9. Cut into main plumbing line leaving enough space to connect the 3-Way Compression Valves **3a**.
10. Install the "blue" lever Compression Valve **3a** closest to the incoming water line. Using PEX piping, connect one side of pipe to the "blue" lever Compression Valve **3a** and the other side to the Descaler inlet port **3b**, tighten with crimp rings.
11. Connect PEX piping to the outlet port **3c**, tighten with crimp rings.
12. Using PEX piping and **3d** Brass 90s Connector run plumbing to second "red" lever Compression Valve **3a**.
13. Turn main water supply back on slowly and carefully check for leaks.

Notes:

- Pipe joint tape (Teflon tape) must be used on all threaded connections.
- Pick an appropriate installation location.
- **Do not install the unit on its side.** It needs to be installed upright to maximize contact with media.
- Do not install this Descaler where the line pressure may exceed 100 psi.
- Operating pressure range: 20psi - 100psi.
- Install on cold water lines only (40° - 90°F).
- Protect unit from freezing.
- Installation of the Descaler must comply with existing state and local plumbing codes.

Full warranty contingent on installation by a licensed plumber.

Do not use with water that is micro-biologically unsafe or of unknown water quality without adequate disinfection before or after the system.

Pre-filter change:	Every 12 months.
Customer Service:	USA: 1-855-464-9736
	CAN: 1-800-408-5314
	customerservice@homewater.com