RO450H

REVERSE OSMOSIS SYSTEM

Rainfresh RO450H is based on the sophisticated technology of reverse osmosis. It is designed to provide your family with high quality drinking water on demand.

It features a 4-stage filtration design which provides deliciously clear water you'd expect from Rainfresh — available in the convenience of your own home, right at your fingertips.

In addition to drinking water, RO450H provides high quality water for

- Beverages like coffee and tea. – *Improved flavour*
- Juices and lemonades - *Improved taste & flavour*
- Soups, sauces and pasta – *Better flavour*
- Ice cubes – *Clear and transparent*
- General cooking – *Better tastes and flavour*
- Fresh water aquariums – *Healthy fish*
- Even steam irons & steam mops – *No scaling*
- Watering indoor plants & flowers – *See them grow!*

3115-700

MADE IN CANADA

Performance

RO450H System reduces the following contaminants

Barium	Chromium VI	Lead	Sodium
Cadmium	Copper	Mercury	Total Dissolved Solids
Chlorine	Cyst	Nitrate	
Chromium III	Fluoride	Selenium	

Unique Features

Easy Open Housings

Rainfresh RO450H features an easy-open housing that does not require a wrench. Simply hold the sump by hand, rotate 1/8 turn and the sump detaches. This makes cartridge changes easy with no need for a wrench or tools. It also features a manual pressure relief valve to vent pressure before cartridge replacement or cleaning.

Ceramic disc chrome faucet

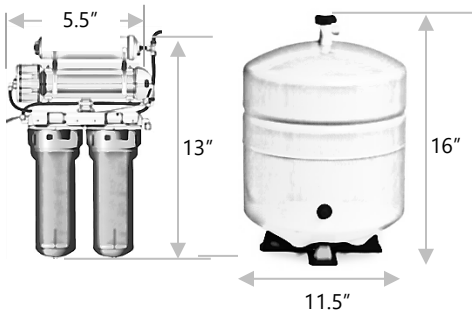
Includes ceramic disc chrome faucet, RO storage tank and all fittings and tubing necessary to install the unit under sink.

System Dimensions

Model	Unit Width	Unit Height	Unit Depth	Tank Dimensions	Tank Volume
RO450H*	14″ (356 mm)	18″ (457 mm)	5″ (127 mm)	16″H x 11.5″ Dia (406H x 292D mm)	4.4 Gal$^{\Delta}$

* - a) For cold water use only
b) Not for use in multistoried buildings over 4 storeys

$^{\Delta}$ - Total tank volume. Actual water storage volume varies with feed pressure. Max 3.2 Gal



Feed Water and Operating Specifications

The unit should be operated with water that meets the following minimum criteria.

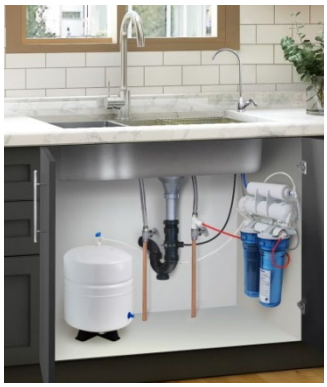
Raw Water Supply			**Chemical Parameters**		
Water Supply	=	Bacteriologically Safe (1)	Max Hardness	<	170mg/L (<10 GPG) (3)
Feed Water Pressure	=	45 (min) to 100 psi (max) (2)	Iron (Fe)	<	0.1 PPM (mg/L)
Feed Water Temp.	=	4°C - 38°C (40°F - 100°F)	Hydrogen Sulphide	=	0.00 PPM (mg/L)
Feed water pH	=	3.0 to 11.0	Manganese (Mn)	<	0.05 PPM (mg/L)
Feed Water Turbidity	=	1.0 NTU (max)	Feed Water TDS	=	1500 PPM (mg/L)max

(1) Do not use with water that is microbiologically unsafe or of unknown quality, without adequate disinfection before the system
(2) If pressure surges or water hammer conditions exist, a pressure regulator and/or water hammer arrestor should be installed.
(3) System will operate with hard water, but membrane life may be shortened.

Cartridge Specifications

Replacement Filter	Rainfresh Model	Cartridge Type	Micron	HH SKU #	Cartridge Life
Pre-filter I	SW1	String wound	1	**3115-630**	6 months*
Pre-filter II	CF2	Activated Carbon block	5	**3115-186**	6 months*
Post Filter	IM200	Granular Activated Carbon	5	**3115-239**	12 months*
RO Membrane	ROM50	Membrane	N/A	**3115-597**	5 years*

*Cartridge life may vary with water quality and usage.



Tested and certified by CSA Group to CSA B483.1, to NSF/ANSI 58 for reduction of TDS and Sodium, and to NSF/ANSI 372.

Available at:

Home hardware

Limited 5 year warranty.

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