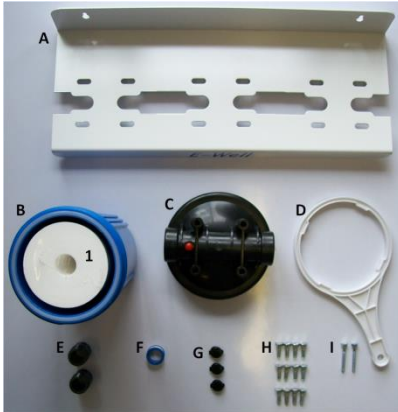




IRON 300X

Installation, Use & Care Guide

Tools & Parts Included



- A. Triple Mounting Bracket
- B. Housings w/ Filters (1,2 and 3)
- C. Housing Lids (1, 2, and 3)
- D. Housing Wrench
- E. 2 Nipples
- F. Teflon® Tape
- G. 3 Caps of Silicon Grease
- H. 12 Lag Bolts
- I. 2 Wall Mount Screws

Tools & Parts Needed

- Level
- Pencil
- 1/2" Nut Driver
- 5/16" Nut Driver
- Adapters from home pipe size to 1"

Installation Requirements

- The system should be located after connection to the outside hose bibs, sprinkler system(s), and/or irrigation line(s). These lines should be left untreated. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Install in a location that is not susceptible to freezing temperatures as damage to the housings can occur. Install away from direct sunlight as prolonged exposure to light can weaken plastic components.
- System dimensions are 27"h x 24"w x 9"d.
- The system needs to be mounted to a solid surface for use and safety.
- If your water pressure exceeds 80 psi, a pressure regulator must be installed and set at 70 psi or less.
- A bypass with additional shutoff valve(s) or pre and post valves is recommended for convenience when changing your filters.

Installation Instructions

Use your bracket, pencil, and level to locate and mark your two wall mount locations. Remove the housing lids from the housings and line them up from 1 to 3, inlet to outlet, keeping the pressure red release buttons all on the same side, right or left (See Figure 1). The system can be set up left to right or right to left depending on the direction of the water's flow path. Use the Teflon® Tape provided to wrap each end of the two nipples in a clockwise direction overlapping the tape 5 to 6 times (See Figure 2). Thread the taped nipples into the housing lids until tight (See Figure 1). Mount the housing lids to the bracket with the lag bolts provided (See Figure 3). Mount the bracket to your marked location using the wall mount screws provided.



Figure 1



Figure 2



Figure 3

Connection Instructions

1. Installation of water shutoff valve at the unit is recommended for filter changes and for emergency shut off of water.
2. Turn off water supply. Turning off your water heater is recommended.
3. Release water pressure by opening a faucet.
4. Attach water source to the inlet. Existing inlet pipe size smaller or greater than 1" will require an additional adapter.
5. Attach outlet. Existing outlet pipe size smaller or greater than 1" will require an additional adapter.
6. Remove the plastic wrappings from the filters and place the housings in line with your bracket 1 through 3, inlet to outlet.
NOTE: *You also need to remove the 'THIS END UP' sticker on filter 1 and be sure 'this' end is placed upright.*
7. Lubricate each o-ring with silicon grease provided in caps being careful not to stretch out the o-rings. Insert o-ring in groove.
NOTE: *This step is important to ensure a proper housing seal. Make certain the o-ring is seated level in the groove.*
8. Screw each housing onto its lid and hand-tighten. Use wrench to make snug.
9. Close open faucet. You may now turn your water on. Go slowly and check for leaks.
NOTE: *A carbon cartridge may contain carbon fines (very fine black powder). After installation, flush cartridge for 5 minutes before using the water. The water is safe to drink.*
10. If water leaks at housings: Shut off water and release pressure. Tighten slightly with wrench. Do not over tighten. Reapply silicon if leak persists.
11. If water leaks at fittings: Shut off water at the house water supply shutoff valve, disassemble, and begin Installation Instructions by re-taping the nipples.
12. Turn your water heater on.
13. Fill out the enclosed warranty card and mail. Your serial number is located on underside of the bracket and on the box your HC-300X-SYS came in. If you include your email on the warranty card, you will receive filter replacement reminders. Make note of your installation date and record your filter replacement dates for your records.



Filter Replacement Guide

- If pressure loss is noticed, the pre-filter (1st filter, 10" white, HC-300X-PRE) may need to be replaced.
- If staining is noticed in the house, the iron filter (2nd filter, 20" white w/ brown ends, HC-300X-IRON) has probably become exhausted.
- Changes in the taste and/or odor of the water indicates it is time to change the post-filter (3rd filter, 10" white w/ black o-ring, HC-300X-POST).

If you have further questions after thoroughly reading this guide: The HydroCare Service Department can be reached Monday – Friday, from 9am – 4pm PST at 253-887-7625, 888-963-6178, or at service@hydrocareusa.com.