



Natural Action Technologies Inc.  
The Art of Water

## **Residential Unit Description and Installation Instructions**

**Thank you for choosing our water enhancing technology for home and personal use. You will enjoy many years of improved performance in your home's water. Your device is designed to enhance water through a revitalization process which alters water quality in a similar way to nature, helping preserve home hardware, reduce consumables, improve gardens and drinking water sources, while providing smoother softer water in a natural way.**

### **GENERAL SPECIFICATIONS:**

**Our residential units are constructed of NSF food grade materials. The body consists of PVC OR ABS (Model Pending) plastic and HDPE plastic (All models) with proprietary Di-Electric media for the Activated Flow Form Technology. We have a CE certification exemption from the EU and Australian Water Mark certification and are currently working towards further certifications.**

### **WARRANTY DISCLAIMER**

**Misuse or improper installation may void your warranty and possibly cause subsequent water damage at your own liability. All 'in door' designated pressure units come with batch and serial manufacture # on the side and every unit and is pressure checked before shipping. This number needs entered in your on-line warranty registration referenced above. Please see warranty information and register here:  
<https://naturalaction.com/warranty-registration/>**

**Natural Action Technologies Inc.  
41353 Schadden Rd. Elyria, OH  
naturalaction.com  
928-567-6466**



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## Satisfaction Guarantee / Warranty Return Information

We do our best to interact directly with manufacture or performance issues. Contact customer service and you will be directed to the appropriate channel for assistance regarding installations, performance, or any other questions and concerns.

WARRANTY CLAIMS/90 DAY RETURNS:



For warranty claims or satisfaction guarantee, go to [naturalaction.com](http://naturalaction.com) and click on RETURNS at the top of the page and fill out the digital form. **DO NOT contact your seller** for return/exchange. You will receive an Email acknowledgment. All claims are processed by Natural Action Tech Inc. within 24-48 business hrs.

See warranty information attached for the registration of your product, if applicable. Register your product by clicking Warranty Registration at the bottom of main page on [naturalaction.com](http://naturalaction.com). Failure to register may result in warranty claim issues.

### WRONG SHIPMENT:

If you believe you received the wrong Unit and did not order directly from us, **contact your seller directly** and they will file the appropriate information and correction with us.

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## HD-24 Home series

### SPECIFICATIONS:

Max Continuous Recommended Pressure: 100 PSIG

Max Continuous Temperature: 140F

Color: Dark Grey

Material Construction: NSF-61 PVC PARTS, Food Grade HDPE

Weight: 5 lbs. (HD-24)

Dimensions: HD-24 20"X3"

Mating Fittings: 3/4" NPTF stainless steel band re-enforced

Recommended adapter fittings: 3/4" or 1" Male NPT to PTC (Shark Bite)

(Shark Bite Adapter Copper Installation Shown on right)

Typical Installation Time: 15-30 minutes

Total installation length: 24"



May be installed in either direction, vertically, horizontally

Insure piping is properly supported

\*Installations where one end of the piping cannot be freed in the axis of pipe run may require additional length (30" HD-24), where additional union or set of unions may be installed. A Shark-Bite or Push to Connect Slip fitting can be used where at least one end of the pipe is not free to move.

Applications in conjunction with chemical water softeners may be put in parallel or recommended downstream to help rebalance sodium effects. If put in parallel, ball throttle or gate valves can direct flow to reduce the amount flowing through the softener, reducing salt usage significantly, or test if our unit alone provides enough defense against calcium scale and feel by itself. Certain homes may descale for up to two weeks. It is recommended to flush leaving faucets run a little longer after use for the first week. Some times scale flakes accumulate in faucet or shower screens. They can be easily cleaned. Hot water heaters should flushed after a few weeks. We have seen these units work well up to 350 total hardness or 20 grains, but many factors will vary.



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## HD 24 HOME SERIS INLINE PASSIVE IONIZER

*\*NO SERVICE OR MAINTENANCE REQUIRED*

**UNIT PREPARATION:** Install shark bite or other adapter fittings as necessary for the installation. Proper adapter fittings must be used. Apply non-hardening self sealer only to the outer threads. Hand tighten then add 1/2 to 3/4 turn. Do not over tighten. We do not recommend "white" Teflon(PTFE), especially tape, as it can cause over tightening and does not often seal well with plastics. We have had good results with Kevlar based Teflon tapes and some stainless versions if care is used to wrap without bunching and over-tightening.

LEARN MORE ABOUT THE DO'S AND DON'TS OF INSTALLING PLASTIC PIPING,  
INSTALLATION OF SHARK BITE FITTINGS, AND TYPICAL INSTALLTION VIDEO BELOW:



### INSTALLATION TIPS:

**It is recommended to install the Unit in line, after the water meter and before the hot water heater inside the home.** Outdoor well installations are also acceptable within warranty restrictions. We are not liable for improper installations. **We recommend using license and bonded installer.** Do not expose to direct sunlight, it will reduce the service life of the unit. Make sure misaligned piping and excessive side loading of the unit does not occur during installation. Gently open valves during the installation process to avoid excessive fluid hammer. The unit can be installed in any direction.