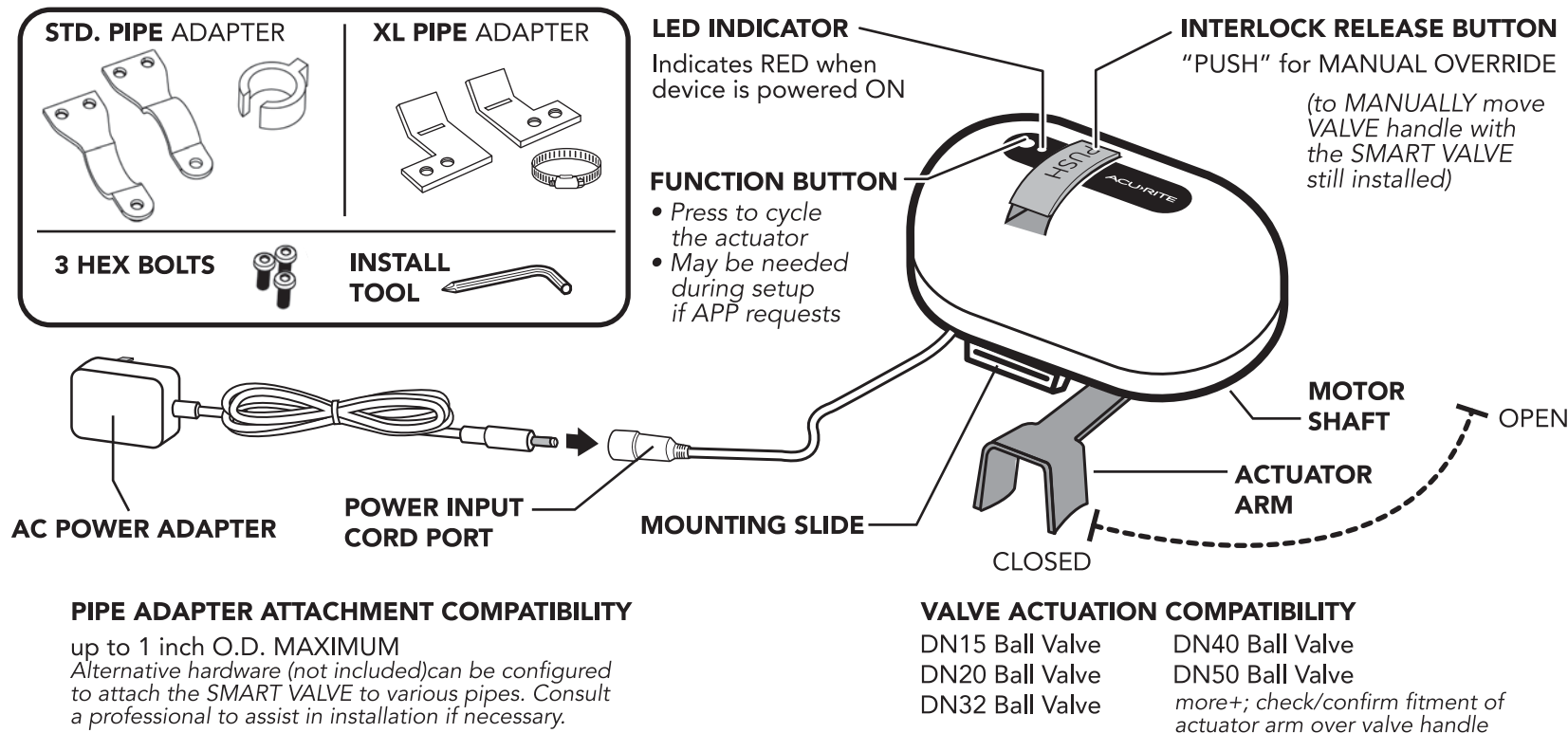


INTRODUCTION

The AcuRite SMART VALVE will allow you to remotely turn your main WATER supply line valve OFF or ON. This device is designed to install onto the main supply line pipe, with the metal SMART VALVE "ACTUATOR ARM" fitting OVER the handle on the in-line ball valve shutoff assembly. Once connected to Wi-Fi with the secure AcuRite NOW app, the AcuRite SMART VALVE can be remotely turned ON or OFF directly through the app and can be connected to your smart home ecosystem.*



DO NOT INSTALL OR USE THIS DEVICE WITH ANY PLASTIC OR PVC PIPES, VALVES, OR FITTINGS. FOR METAL PIPE/VALVE ONLY

FUNCTION BUTTON: The function button can be pressed to manually cycle the ACTUATOR ARM. The button may also be requested to be pressed during Wi-Fi setup in the AcuRite NOW app.

INTERLOCK RELEASE BUTTON - (PUSH) FOR MANUAL OVERRIDE: Once installed properly, utilizing the AcuRite NOW app - the AcuRite SMART VALVE is intended to be the main method of turning the intended valve ON or OFF. However, If there is a power outage or a situation where you need to quickly operate the shutoff valve, the SMART VALVE is equipped with an INTERLOCK RELEASE BUTTON (RED, marked "PUSH") that disengages the internal clutch mechanism to allow the valve handle to be freely turned by hand.

POWER REQUIREMENTS: This product includes a 12v 1000mA AC power adapter that plugs into your standard AC power outlet on one end, the other end plugs into the power input cord port on the main product. NOTE that this product is NOT "waterproof," but is "splash proof" and should only be installed and operated in an indoor/weather-tight environment.

MOUNTING SLIDE: The mounting slide, located under the main body, is for attaching the appropriate chosen PIPE ADAPTER to the bottom of the SMART VALVE, utilizing the included HEX BOLTS. The SLOT configuration allows for some adjustment.

ACTUATOR ARM: The ACTUATOR ARM is made of high strength, corrosion resistant materials and is connected to the SMART VALVE high-torque motor. When actuated, the arm will rotate +/- 90° to CLOSE/OPEN the straight handle commonly found on standard WATER supply line SHUTOFF ball valves.

PIPE MOUNT ADAPTER(S) (included):

The package contains various adapter hardware to facilitate secure installation of the SMART VALVE actuator onto various sizes and configurations of common and standard supply line residential shutoff valves and pipe assemblies.

This instruction manual illustrates typical installation environments and standard configurations. If you have a more unique configuration in your installation environment that is not pictured here, or are unsure of exactly how to properly install this equipment, it is recommended to consult a professional to aid in your installation to ensure the device is properly and safely installed.

After successful installation, it is recommended that you check the manual operation of the valve and the SMART VALVE to ensure all mechanical moving parts are properly installed and operational as designed.

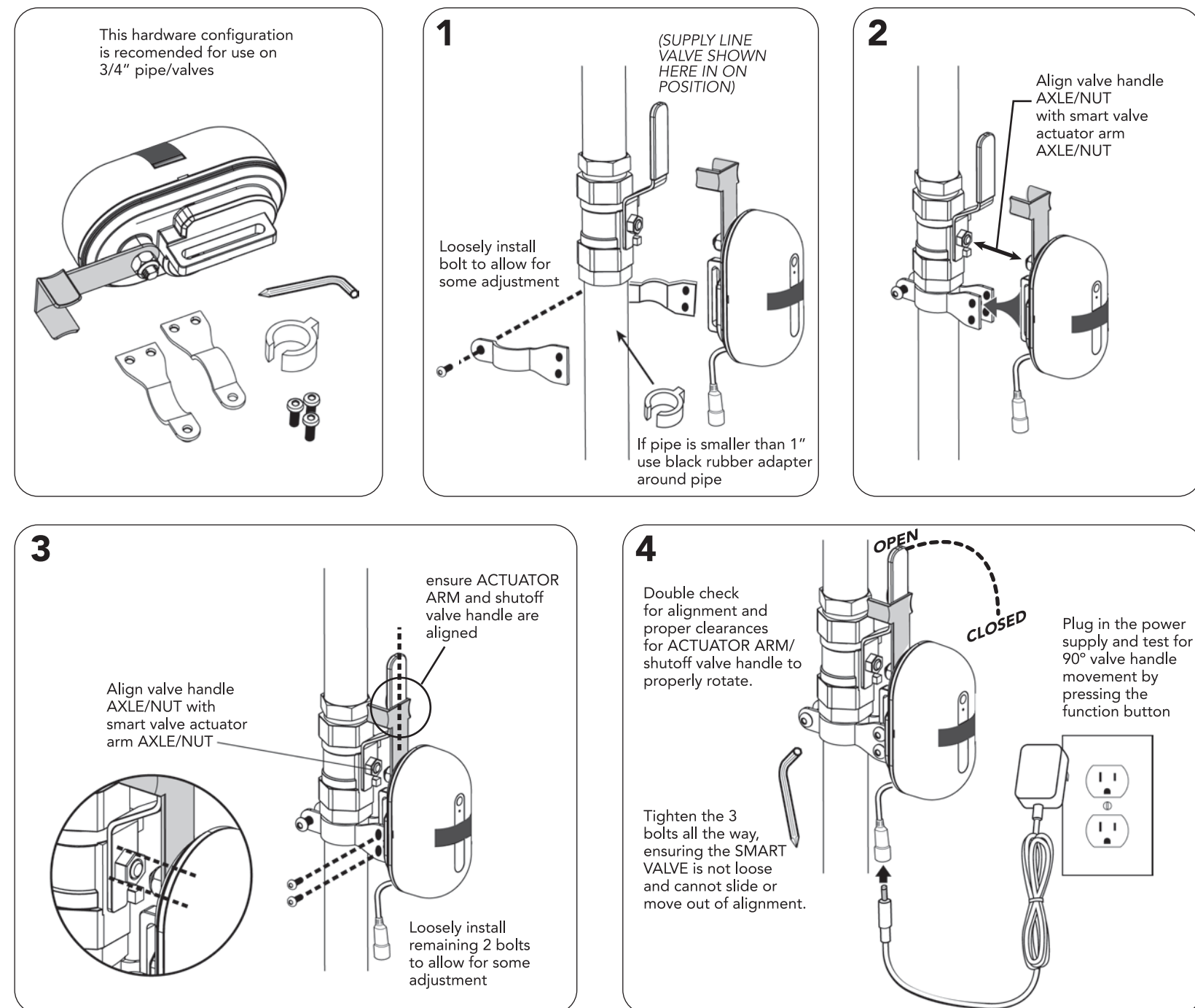
*** THIS device DOES NOT contain any flow sensors, water sensors, or leak sensors and cannot inherently detect and stop any leaks by itself. THIS DEVICE WILL NOT AUTOMATICALLY CLOSE ANY VALVES if a leak of any kind occurs.**

! SPECIAL WARNING ABOUT SMART VALVE INSTALLATION: !

When choosing to install The AcuRite SMART VALVE device on your WATER supply line to turn the WATER supply OFF or ON, NOTE that the device depends on continuous power to function and the device requires a continuous connection to the internet for operation. AcuRite hardware, AcuRite NOW web services and app(s) are not guaranteed to protect from property damage. Be advised that the device is intended for convenience and is NOT intended as a safety or property protection device. Automatic operation of the device comes with inherent risks, which the user assumes as part of ownership, installation and use. AcuRite as a business unit and brand of Combex, Inc. is not responsible for any damages caused by improper use or installation.

INDOOR USE ONLY, FOR USE IN WEATHER TIGHT ENVIRONMENTS. NO USER SERVICEABLE PARTS INSIDE.

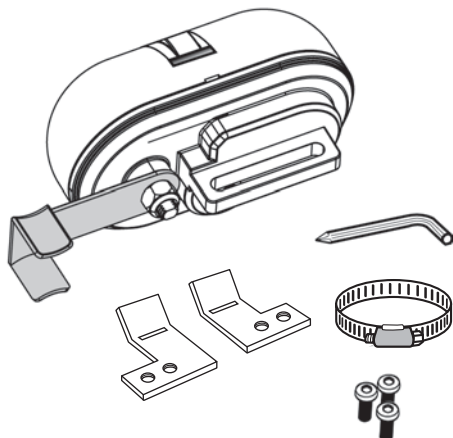
STANDARD INSTALLATION recommended for up to 3/4" supply line/valve



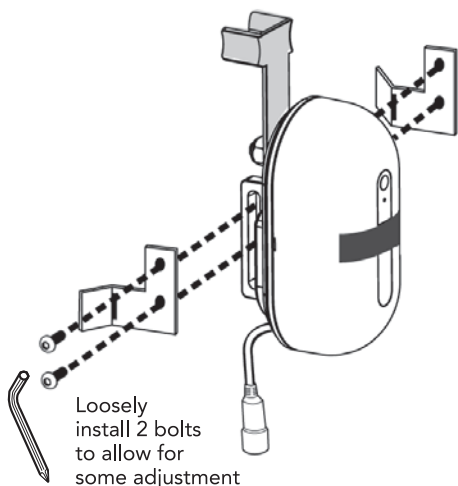
CAUTION: DO NOT INSTALL AND/OR OPERATE POWERED DEVICES AND EQUIPMENT IN WET LOCATIONS! INJURY OR DEATH MAY OCCUR!

XL PIPE INSTALLATION recommended for 1" supply line pipe/valve

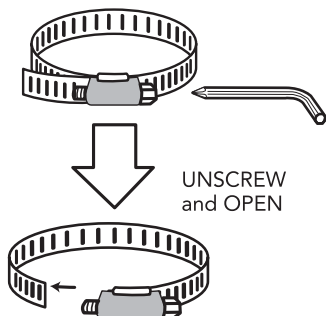
This hardware configuration is recommended for use on 1 inch pipe/valves



1 Secure metal adapter plates onto both sides of the mounting slide, utilizing included HEX BOLTS



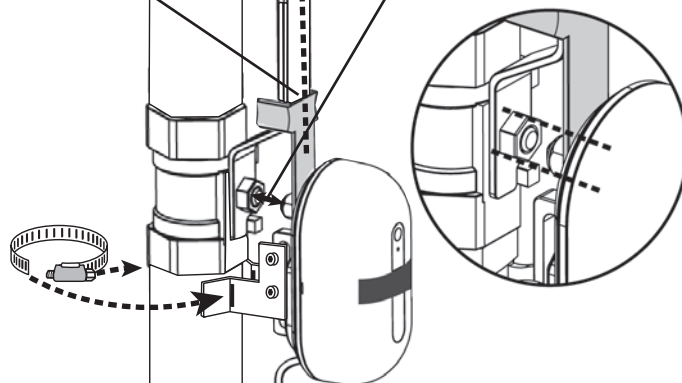
2 Unscrew the included PIPE CLAMP all the way until the metal band can be separated to allow the PIPE CLAMP to be secured around the supply line pipe and THROUGH the SLOTS in the already installed METAL PLATES on the SMART VALVE ASSEMBLY.



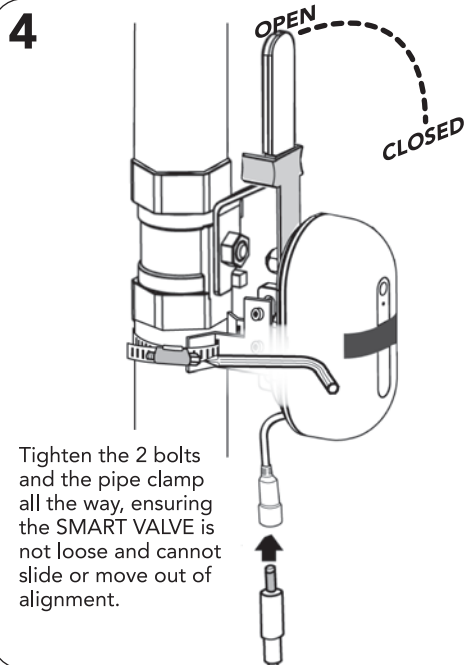
3 ensure ACTUATOR ARM and shutoff valve handle are aligned

(SUPPLY LINE VALVE SHOWN HERE IN ON POSITION)

Align valve handle AXLE/NUT with smart valve actuator arm AXLE/NUT

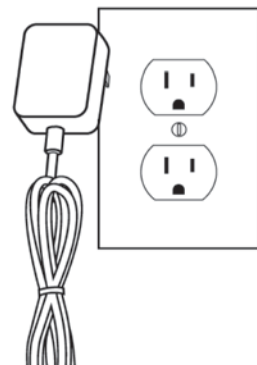


4



Double check for alignment and proper clearances for ACTUATOR ARM/ shutoff valve handle to rotate.

Plug in the power supply and test for 90° valve handle movement by pressing the function button



CONNECTING TO Wi-Fi

THIS PRODUCT FEATURES A SECURE Wi-Fi CONNECTION TO "AcuRite NOW"



AcuRite NOW

TO ENJOY THE FULL FEATURES AND BENEFITS OF THIS PRODUCT, DOWNLOAD THE "AcuRite NOW" APP ON YOUR MOBILE PHONE

Wi-Fi FEATURES

Once connected to Wi-Fi with the secure AcuRite NOW app, the AcuRite SMART VALVE can remotely actuate the valve its attached to ON or OFF directly through the app and can be connected to your smart home ecosystem.

Wi-Fi SETUP (2.4 GHz Wi-Fi network compatible)

To add your new device to your home Wi-Fi, begin by simply downloading the AcuRite NOW mobile app from the App store on your mobile phone. After creating your account, press the "+" (add device) button from the upper right on the dashboard page. The AcuRite NOW app will walk you through adding your new device. Then, explore the features and start enjoying the convenience of being able to view and control your new device on your mobile phone anytime you want!

TROUBLESHOOTING

SMART VALVE NOT CONNECTING TO Wi-Fi

- Your internet router and display must be within range of each other. Relocate the device closer to your Wi-Fi router.
- Ensure the network name (SSID) and password you've entered are correct. NOTE: Both network name and password are case sensitive.
- Make sure DHCP is enabled on your router. Most routers have DHCP enabled by default.
- Ensure your router is broadcasting a 2.4 GHz network. The device only supports standard 2.4 GHz wireless
- Try adding your device again utilizing the AcuRite NOW app on your mobile device. Download the App and follow the on-screen instructions.

VALVE NOT TURNING ON or OFF

- Make sure the unit is powered ON and that both the power adapter output plug AND power Input port are tightly and securely connected. The LED status light should be steady RED when the unit is powered on.
- Ensure the AC Power adapter is plugged into a constant power outlet, not a switched power outlet.
- Make sure the SMART VALVE body is correctly and securely connected to the WATER/GAS supply pipe/valve assembly. If it is loosely connected, the assembly will move and shift positions and the ACTUATOR ARM will not have the torque needed to actuate the valve handle.
- The axle/pivot point of the water valve and the axle/pivot point of the Smart Valve Actuator should be lined up to enable enough torque for the motor to successfully actuate the valve ON/OFF.

INDOOR USE ONLY, FOR USE IN WEATHER TIGHT ENVIRONMENTS. NO USER SERVICEABLE PARTS INSIDE.

CARE INSTRUCTIONS:

Do not clean the unit with abrasive or corrosive compound. Wipe the unit with a soft, damp cloth. The housing is designed to be splash proof, NOT WATERPROOF. DO NOT SUBMERGE IN WATER OR PLACE IN DISHWASHER. Do not subject the unit to excessive force, shock, dust, temperature, constant direct sunlight, heavy exposure to water or humidity which may result in malfunction, shorter electronic life span, part damage or distorted parts. There are no user serviceable internal components, do not open the housing to attempt to service internal components as this will void the warranty.

SPECIFICATIONS

OPERATING TEMPERATURE RANGE 14°F to 122°F / -10°C to 50°C

OPERATING HUMIDITY RANGE <95% RH

POWER SUPPLY VOLTAGE 12v 1A

Wi-Fi COMPATIBILITY 2.4 GHz ONLY, requires broadband connection

VALVE PRESSURE 1.6 MPa

TORQUE 2.2 - 4.3 ft.lbs

CLOSING/OPENING TIME 5-10 seconds

STD. PIPE COMPATIBILITY 3/4" up to 1"

Limited 1-Year Warranty

AcuRite is a business unit and brand of Combex, Inc. (referred to as "Combex," "we," "us," or "our" in this document. Chaney Instrument Company is also a business unit and brand of Combex. For purchases of both AcuRite and Chaney Instrument Company products, Combex provides the benefits and warranty services described below.

We warrant to the original purchaser that all products we manufacture under this warranty are of good material and workmanship and, when properly installed and operated, will be free of defects for a period of one year from the date of purchase (the "One Year Warranty"). Any product which, under normal use and service and after examination by us, fails to meet the One Year Warranty will, at our sole option, be repaired or replaced by us. Although, as explained below, in some cases a refund will be provided. Transportation costs and charges for returned goods shall be paid for by the purchaser. We hereby disclaim all responsibility for such transportation costs and charges. The One Year Warranty does not cover, and we will not repair or replace products which have received normal wear and tear not affecting the functionality of the product, been damaged (including by acts of nature), tampered, abused, improperly installed, or repaired or altered by anyone other than our authorized representatives.

The remedy under the One Year Warranty is limited to repair or replacement of the defective item(s). If we determine that repair or replacement is not feasible, we may, at our option, refund the amount of the original purchase price.

THE ONE YEAR WARRANTY IS NOT TRANSFERABLE AND IS THE SOLE WARRANTY FOR THE PRODUCTS AND IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. ALL OTHER WARRANTIES OTHER THAN THE EXPRESS WARRANTY SET FORTH HEREIN ARE HEREBY EXPRESSLY DISCLAIMED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. WE EXPRESSLY DISCLAIM ALL LIABILITY FOR SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, WHETHER ARISING IN TORT OR BY CONTRACT FROM ANY BREACH OF THIS WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. WE FURTHER DISCLAIM LIABILITY FROM PERSONAL INJURY RELATING TO OUR PRODUCTS TO THE EXTENT PERMITTED BY LAW. BY ACCEPTANCE OF ANY OF OUR PRODUCTS, THE PURCHASER ASSUMES ALL LIABILITY FOR THE CONSEQUENCES ARISING FROM THEIR USE OR MISUSE. NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO BIND US TO ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH THE SALE OF OUR PRODUCTS. FURTHERMORE, NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO MODIFY OR WAIVE THE TERMS OF THIS WARRANTY UNLESS DONE IN WRITING AND SIGNED BY A DULY AUTHORIZED AGENT OF OURS.

IN NO CASE SHALL OUR LIABILITY FOR ANY CLAIM RELATING TO OUR PRODUCTS, YOUR PURCHASE OR YOUR USE THEREOF, EXCEED THE ORIGINAL PURCHASE PRICE PAID FOR THE PRODUCT.

Applicability of Warranty

The One Year Warranty applies only to purchases made in the United States and Canada. For purchases made in a country other than the United States or Canada, please consult the warranties, if any, applicable to the country in which you made your purchase. As noted, the One Year Warranty applies only to the original purchaser of our products. We cannot and do not offer any return, refund, or warranty services if you buy products used or from resale sites such as eBay or Craigslist.

Governing Law

The One Year Warranty is governed by the laws of the United States and the State of Wisconsin. Any dispute relating to the warranty shall be brought exclusively in the federal or State courts having jurisdiction in Walworth County, Wisconsin; and purchaser consents to jurisdiction within the State of Wisconsin.