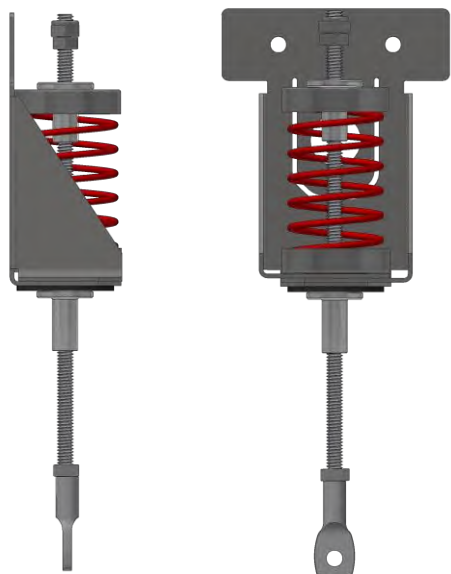




RSIC-SI-WHI

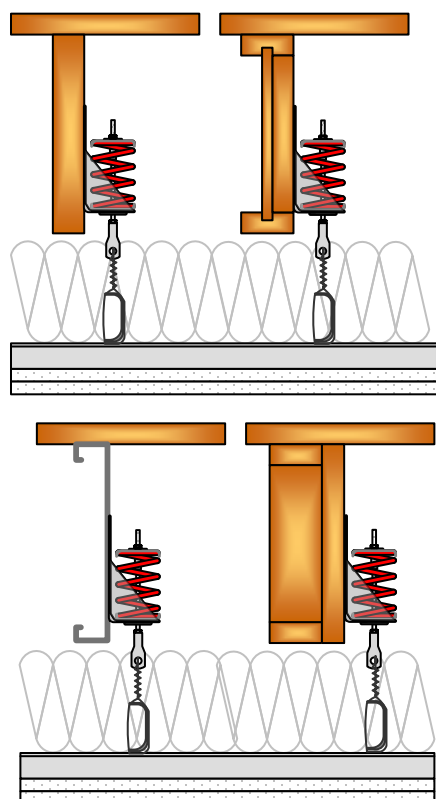
The **RSIC-SI-WHI** can be used to isolate pencil rod or hanger wire. Currently available in 5, 10, 20, 40, 60, 80 and 120 Lb options with 1" deflection. The 40# spring can support two layers of 5/8" Fire Code C with the Springs spaced at 4'x2' (2.5# x 2 layers x 8 Sq.Ft. = 40 pounds). The 80# spring can support two layers of 5/8" Fire Code C with the Springs spaced at 4'x4' (2.5# x 2 layers x 16 Sq.Ft. = 80 pounds). The 120 pound spring can support double the load or double the distance with a heavy duty Carrier Channel such as 3-5/8" x 20 gauge or heavier steel stud the spring can be at 4' x 8' OC

Wood
Steel
Metal Deck

Steel
Condo
Commercial

Apartment
Retail
Conference Rooms

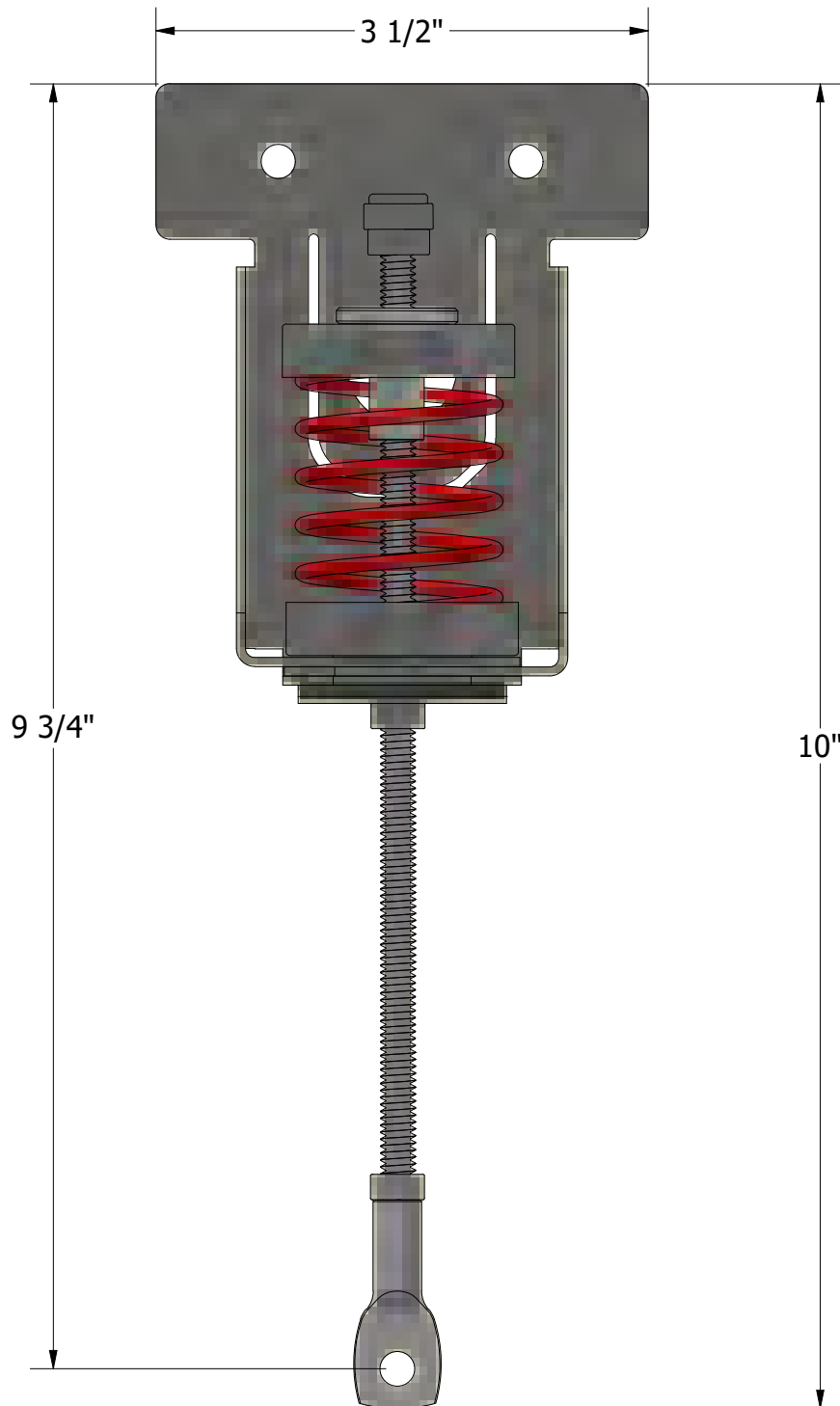
Recording Studio
Home Theater
Commercial theater



RSIC-SI-WHI specifications:

Acoustical design load:	5 lbs to 120 lbs
Total deflection	1 inch
Double deflection	YES (+/- 1/2")
Pre-Calibrated	YES
Pre-Assembled	YES
Adjustable	YES
Cavity min	1 inch (wood)
Cavity Max	48 inches
Adjustment limit	Wire Length
Use on Ceilings	YES
Use on walls	NO
New Construction	YES
Tested, Engineered, Designed, and Calibrated In USA	

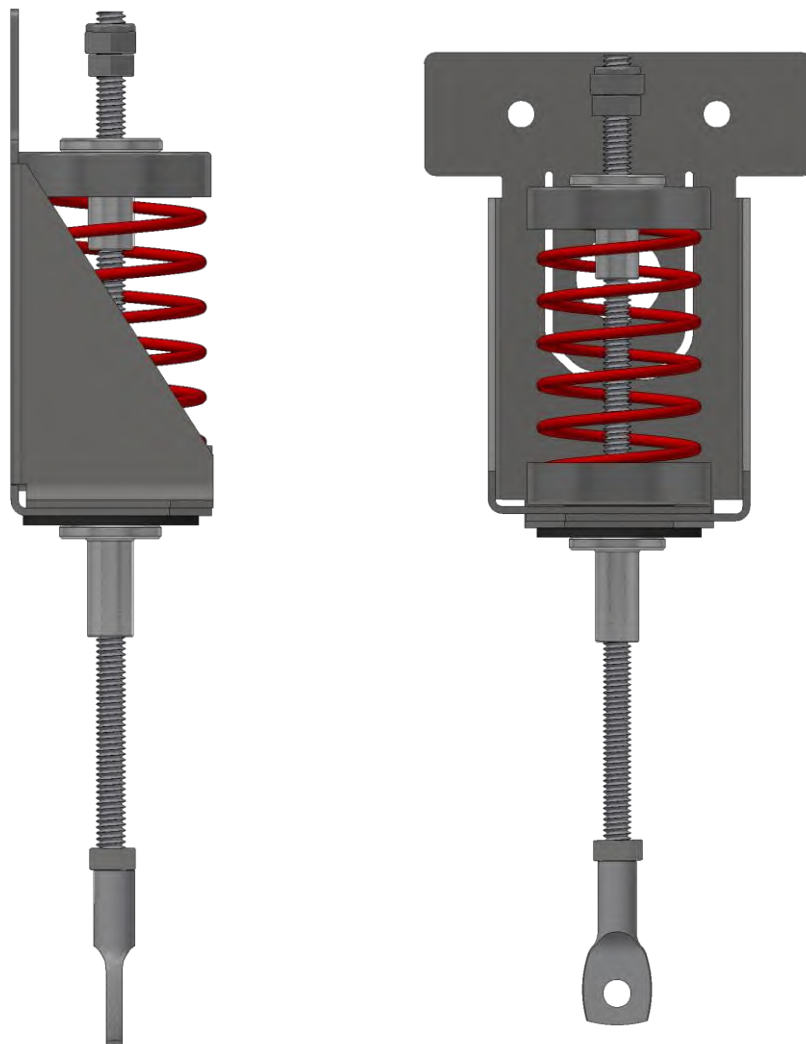
RSIC-SI-WHI Loaded Height



Measurements +/- 1/16"

RSIC-SI-WHI	PAC International 	World Leader in Noise Control Solutions
2/2/2023		
SCALE 3/4		

RSIC-SI-WHI



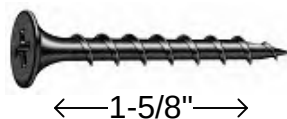
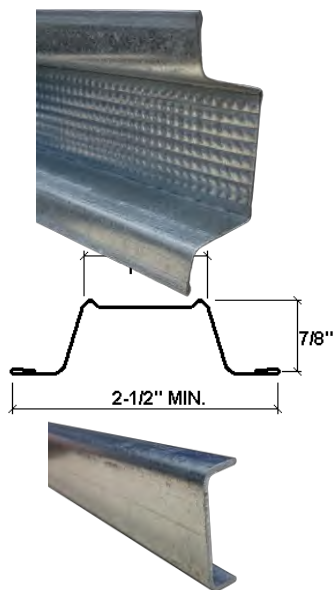
RSIC-SI-WHI 5 LBS TO 80 LBS

**SHIPPED FULLY
ASSEMBLED
AND CALIBRATED**

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RSIC-SI-WHI SOUND ISOLATION CLIP



80 Lb
40 Lb
30 Lb
20 Lb
10 Lb
5 Lb

Drywall Furring Channel:

- Furring Channel: Min 25 gauge hemmed edge, or 20 gauge standard. Meets or exceeds SSMA requirements
- Depth: 7/8"
- Width Bottom: 2-1/2" wide minimum.
- Width Top: 1-1/4" wide
- Splice drywall furring channel (hat track) with 6" overlap in mid span (between two clips) secure with 18 ga tie wire, or two 7/16" framing screws.

Carrier Channel Options:

- **48" spacing 16 gauge cold rolled channel (CRC)** dim: 1/2" x 1.5" x 1/2" SSMA cod : 150U050-54
- CRC and steel studs must meet or exceed SSMA standards
- Drywall Grid Follow manufacturer installation requirements

Fasteners:

- **RSIC-SI-WHI to Wood:** #8 x 1-5/8 inch minimum size coarse thread screw. (Recommended #12 or #10 x 1-5/8 inch hex head)
- **RSIC-SI-WHI to Steel:** # 8 x 1inch minimum size fine thread screw. (Recommended #12 or #10 x 1inch hex head)
- Hanger wire per manufacturer recommendations for load at each position.
- RSIC-SI-WHI clip is direct attached to the side of the framing members with screws

RSIC-SI-WHI Spring Isolator

- **Maximum Spacing:** 48" oc. With Cold Rolled Channel
- **Finish elevation is 1/2" below preset height.**
- Silver = 80 Lbs
- Red = 40 Lbs
- Green = 30 Lbs
- Blue = 20 Lbs
- White = 10 Lbs
- Yellow = 5 Lbs

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RSIC-SI-WHI SOUND ISOLATION CLIP



Ceilings: RSIC-SI-WHI clips installed 48" oc

- Resilient Sound Isolation Clips (RSIC-SI-WHI) shall be max 48 inches on center .
- Any additional or non standard room dimensions need to be addressed by a professional engineer.
- Carefully remove RSIC-SI-WHI pre-assembled, and pre-calibrated clips from packaging.
- Be cautious to not rotate the RSIC-SI-WHI spring clips separate from the bracket. This may change the factory calibration of RSIC-SI-WHI.
- Verify the correct quantity of each RSIC-SI-WHI isolator (weight / color) is included in the shipment.
- Layout the RSIC-SI-WHI clips out on the floor (reflecting the ceiling above) Ensure there are no additional items required to complete the installation, IE: Additional blocking to support the RSIC-SI-WHI clips, or additional clips to support the drywall.
- Fasten the Resilient Sound Isolation Clip (RSIC-SI-WHI) to the side of the joist allowing for 1/2" deflection after the gypsum board has been installed.
- At the perimeter, the distance between the wall and first support for the drywall shall be less than 8"
- Tie hanger wire to the bottom loop of the RSIC-SI-WHI isolator clip.
- Tie the 16 Ga cold rolled channel or drywall grid to the hanger wire hung from the RSIC-SI-WHI clip.
- Follow Steel framing guidelines for spacing with CRC channel, and manufacturer installation guide for Drywall Grid systems.
- Install perimeter tape on wall at ¼ above finished ceiling height.
- Install gypsum board
- Caulk gap between gypsum board and wall.

- Silver 80 Lb field clips
- Red 40 Lb field and perimeter clips
- Green 30 Lb field and perimeter clips
- Blue 20 Lb field, perimeter and edge clips
- White 10 Lb edge, corner, and or infill clips
- Yellow 5 edge or corner clips

RSIC-SI-WHI SOUND ISOLATION CLIP



Calibration and Adjustment:

- The Pre-Calibration of the RSIC-SI-WHI clip is designed to deflect only 1/2" from its pre-loaded (pre-set) position when the full load has been applied.

Ceilings:

- Optional: Recommended add strong back consisting of 1.5" Cold Rolled Channel or drywall furring channel, on the top side of the standard drywall furring channel to assist in leveling the ceiling at or near the perimeter. The strong back shall be placed perpendicular to the main drywall furring channels
- Install the gypsum board to the drywall furring channel leaving a 1/8" to 1/4" gap around the perimeter of the entire ceiling.
- Caulk around the entire perimeter of the ceiling wall intersection.
- Use fire and smoke rated acoustical sealant where required.
- The RSIC-1 SI is engineered for use with a minimum of 2 layers of 5/8" gypsum board.

General Information:

- Resilient Sound Isolation Clip Spring Isolator (RSIC-SI-WHI), furring channel (hat track) and gypsum board shall not carry heavy loads such as Projectors, HVAC Ducting, Curtains, etc. For these items use additional RSIC isolation clips specifically designed for that purpose.
- Splice furring channel (hat track) with 6 inch overlap in mid span, secure with 18 ga. tie wire or with two framing screws (7/16")
- Seal all potential air leaks with non-hardening acoustical caulking to achieve best noise control results. Use fire rated sealant where required.
- When attaching the RSIC-SI-WHI clips to a steel Joist the minimum allowable thickness is 20 ga. (0.030).

Fire Test Information:

WWW.PAC-INTL.COM

Check UL Fire Resistance Directory File # R16638

Check UL's web pages. www.ul.com/database

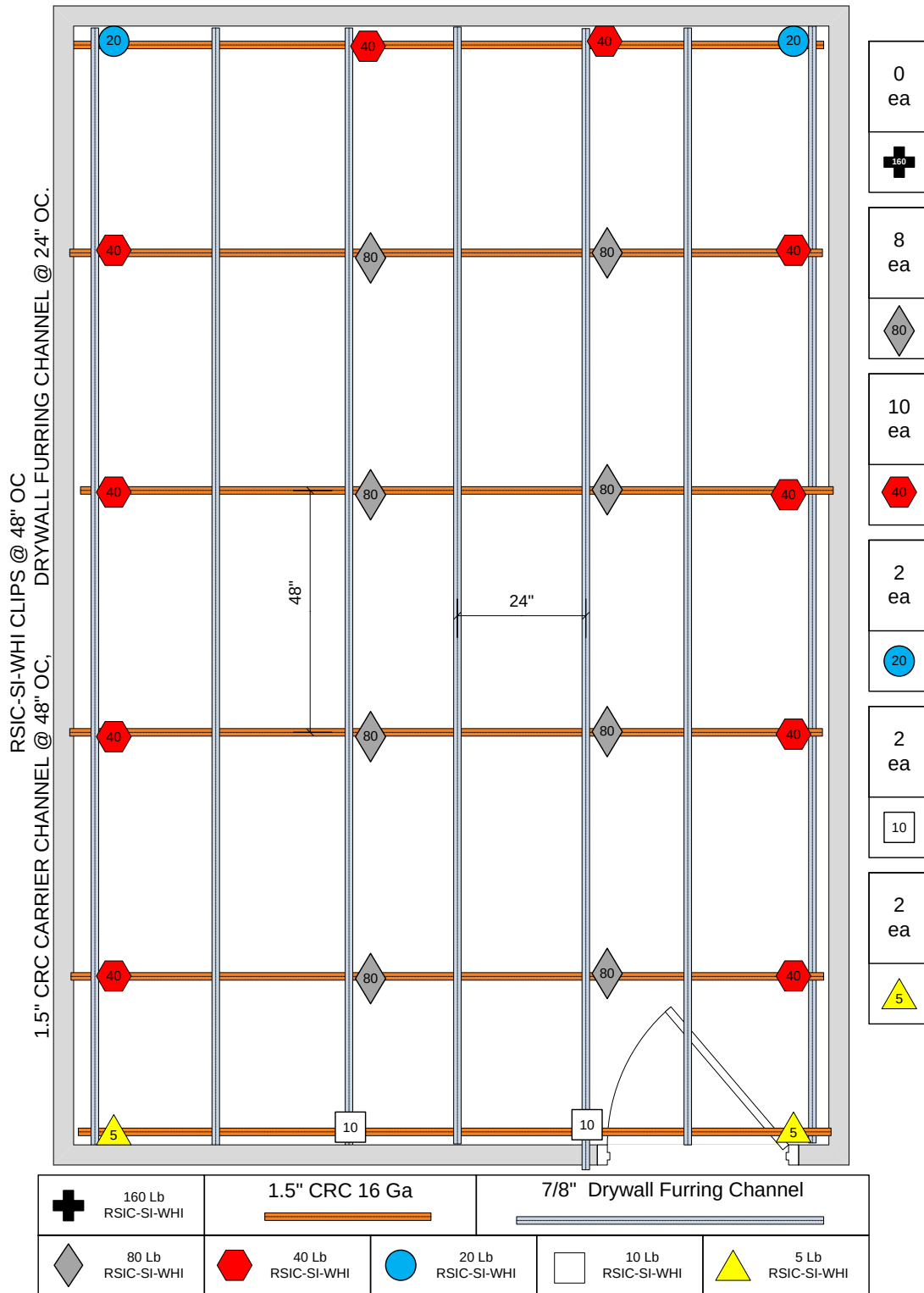
Contact UL (877) UL-HELPS

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RSIC-SI-WHI SOUND ISOLATION CLIP

Sample layout 48" oc.



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**NOISE
CONTROL
SOLUTIONS**

REAL SOLUTIONS IN CONSTRUCTION

**LEED Analysis
RSIC-SI-WHI**

Recycled Content

PAC International's RSIC-SI-WHI does not contain significant recycled content.

Fabrication Location

The RSIC-SI-WHI is manufactured in Canby, OR 97013

Material Source

The extraction points for the materials in these products cannot be verified. Assume they are outside the 500 mile radius.



RSIC ® Safety Data Sheet

Article Statement

(PAC International, LLC Wall and Ceiling Isolation Products)

This document is provided for clarification of the Safety Data Sheets that you have requested for our product(s). OSHA Hazard Communication Standard requires a SDS for hazardous chemicals; however, the standard exempts all articles from the requirement. The explanation of an article is described per OSHA definition below.

Pursuant to 29 CFR 1910.1200 (b) (6) (v) and (c), the product described herein is an “article” or is otherwise excluded from OSHA regulations requiring that a Material Safety Data Sheet be prepared for it.

An article defined: manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacturing; (ii) which has an end use function (s) dependent in whole or in part upon its shape or design during end use; and (iii) which does not release, or otherwise result in exposure to, a hazardous chemical under normal conditions of use.

For technical information and additional resources covering these products please refer to PAC International published literature, e.g., data sheets, product drawings, and installation guidelines at www.PacInternationalLLC.com

As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state laws. However, no warranty or representation of law or fact, with respect to such information, is intended or given.



**World Leader in
Noise Control
Solutions**

RSIC Product Warranty Disclaimer

WARRANTY DISCLAIMER AND LIABILITY LIMITATION LANGUAGE

WARRANTY AND DISCLAIMER AND LIABILITY LIMITATION LANGUAGE ONE YEAR WARRANTY Seller warrants to the original purchaser that its products are free from defects in material or workmanship for one year from the date of purchase from seller. Any allegedly defective product that is portable must be returned to seller prepaid. If upon examination it appears to seller's satisfaction that the product is defective, seller shall repair, replace, or return the purchase price of the product at seller's option. EXCEPT FOR THE FOREGOING, THERE IS NO OTHER WARRANTY, REPRESENTATION OR CONDITION OF ANY KIND; AND ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS EXCLUDED AND DISCLAIMED. Some states do not allow limitations on implied warranties, so the above limitation may not apply to you.

LIABILITY LIMITED TO RETURN OF PURCHASE PRICE

IT IS AGREED THAT SELLER'S LIABILITY AND PURCHASER'S SOLE REMEDY, WHETHER IN CONTRACT, UNDER ANY WARRANTY, IN TORT (INCLUDING NEGLIGENCE), IN STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE RETURN OF THE AMOUNT OF THE PURCHASE PRICE PAID BY PURCHASER, AND UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, PERSONAL INJURY, PROPERTY DAMAGE, DAMAGE TO OR LOSS OF EQUIPMENT, LOST PROFITS OR REVENUE, COSTS OF RENTING REPLACEMENTS AND OTHER ADDITIONAL EXPENSES, EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE PRICE STATED FOR THE EQUIPMENT IS A CONSIDERATION IN LIMITING SELLER'S LIABILITY AND PURCHASER'S REMEDY. 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.

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SELLER WILL NOT BE LIABLE FOR ANY DAMAGES, LOSSES OR EXPENSES AS A RESULT OF PURCHASER'S NEGLIGENCE, WHETHER DEEMED ACTIVE OR PASSIVE AND WHETHER OR NOT ANY SUCH NEGLIGENCE IS THE SOLE CAUSE OF ANY SUCH DAMAGE, LOSS OR EXPENSE.

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THE MODEL OR SAMPLE SHOWN BY SELLER TO BUYER IS USED FOR DEMONSTRATION PURPOSES ONLY. THERE IS NO WARRANTY THAT THE GOODS AS DELIVERED SHALL CONFORM TO THE MODEL OR SAMPLE, AND CONFORMITY OF THE GOODS TO THE MODEL OR SAMPLE IS NOT PART OF THE BASIS OF THE BARGAIN BETWEEN SELLER AND BUYER.

NO WARRANTY OR COMPLIANCE WITH SAFETY CODE OR REGULATION

SELLER DOES NOT WARRANT THAT ANY OF THE GOODS SOLD WILL MEET OR COMPLY WITH THE REQUIREMENTS OF ANY SAFETY CODE, BUILDING OR DWELLING CODE, OR REGULATION OF ANY STATE, MUNICIPALITY OR OTHER JURISDICTION.

NEVADA LAW APPLIES

SELLER AND BUYER AGREE THAT ALL ASPECTS OF THIS TRANSACTION INCLUDING THE APPLICABLE STATUTE OF LIMITATIONS SHALL BE GOVERNED BY THE INTERNAL LAW OF THE STATE OF NEVADA, AND NOT THE LAWS OF CONFLICTS.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state