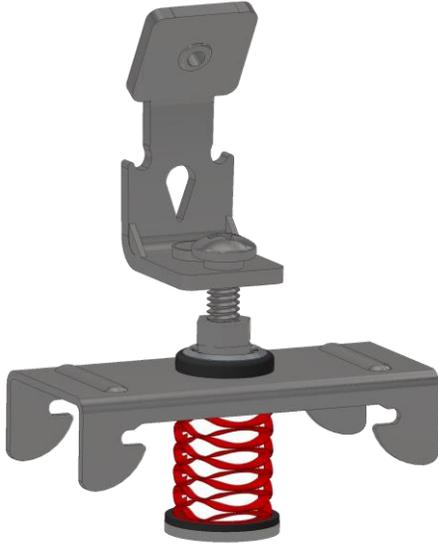




RSIC-SI-X ADM Multi Clip



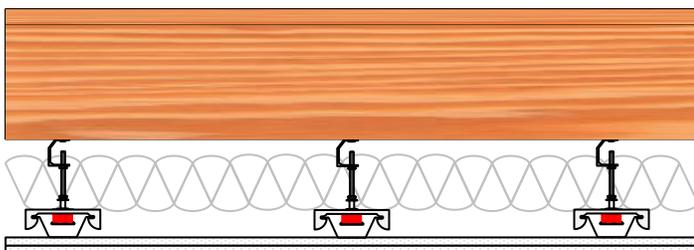
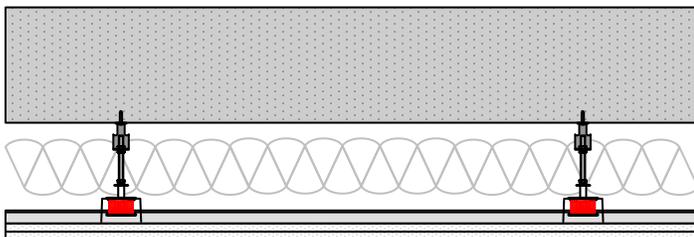
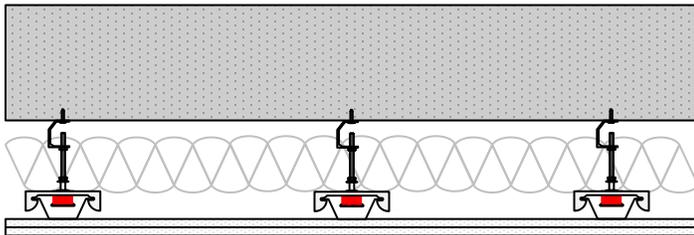
The **RSIC-SI-X-ADM Multi Clip** designed for use with Concrete, Steel or Wood framed ceilings where noise control is required. The RSIC-SI-X ADM Multi Clip isolator is a labor saving adjustable mount ceilings. Fasten the clip to the framing or concrete and spin the isolator to adjust up and down for a level ceiling. With an Acoustical design load rating of 7 lbs, 13lbs and 25 lbs per isolator, the RSIC-SI-X-ADM Multi Clip can support up to two layers of 5/8". The spacing at 16" x 48" oc is the same for 1 or 2 layers of gypsum board. The RSIC-SI-X-ADM Multi Clip attaches directly to the bottom of the framing or concrete, it can also attach directly to the side of a wood, or steel joist decoupling the gypsum board from the structure stopping STC and IIC vibrations from entering the space below.

RSIC-SI-X ADM Multi Clip, the High Performance, Noise control Solution

| |
|------------|
| Steel |
| Condo |
| Commercial |

| |
|------------------|
| Apartment |
| Retail |
| Conference Rooms |

| |
|--------------------|
| Recording Studio |
| Home Theater |
| Commercial theater |



RSIC-SI-X ADM Multi Clip specifications:

| | |
|-------------------------|--------------|
| Acoustical design load: | 7 – 26 lbs |
| Total deflection | 1/2" |
| Double deflection | Yes |
| Low VOC | Yes |
| Adjustable | Yes |
| Cavity min | 2-5/8" |
| Cavity Max | Up to 12" |
| Adjustment limit | Threaded Rod |
| Use on Ceilings | Yes |
| Use on walls | No |
| New Construction | Yes |
| Assembled in USA | Yes |

1. Product Name

- RSIC-SI-X ADM Multi Clip Resilient Sound Clip
 - RSIC-SI-X ADM Multi Clip Resilient Sound Isolation Spring Clip

2. Manufacturer

PAC International, LLC
7260 W Azure Dr
Suite 140-213
Las Vegas, NV 89130
Phone: (866) 774-2100
Fax: (866) 649-2710
Email: info@pac-intl.com
Web: www.PACInternationalLLC.com

3. Product Description

RSIC-SI-X ADM Multi Clip

The RSIC-SI-X Multi Clip is designed for use with concrete ceiling system where noise control is needed. The RSIC-SI-X ADM Multi Clip assembly decouples and isolates the gypsum board or other sheet goods from the structure increasing the acoustical performance of the system.

The RSIC-SI-X ADM Multi Clip stops the noise and vibrations that typically would be allowed to transfer through the structure.

Materials and Composition

The RSIC-SI-X ADM Multi Clip spring and rubber isolator are made of rubber and/or manufactured rubber compound, and steel parts.

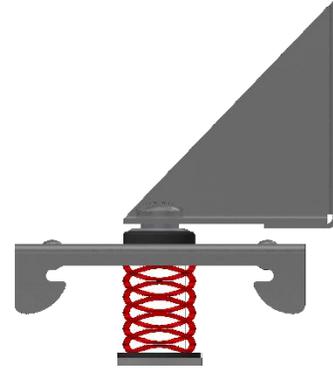
Environmental Considerations

The RSIC-SI-X ADM Multi Clip may contribute to LEEDS points, by reducing materials needed to achieve high STC and IIC floor ceiling systems.

Weight-bearing Information

With an acoustical design load rating of 26 pounds, 13 pounds and 7 pounds per isolator. The RSIC-SI-X ADM Multi clip can support up to two layers of 5/8 inch gypsum board when spaced at 16" x 48" oc. For heavier systems increase the number of isolators and channel to support the additional weight of the system. The RSIC-SI-X ADM Multi clip fastens directly to the structure.

RSIC-SI-X ADM Multi Clip



Product Limitations

For interior use only with operating temperatures of 40–100 degrees F (4.4–37.8 degrees C). Max load 26 Lbs, 13 Lbs, 7 Lbs.

4. Technical Data

Applicable Standards

ASTM International (ASTM)

- ASTM E90** Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
- ASTM E492** Standard Test Method for Laboratory Measurement of Impact Sound Transmission Loss of Building Partitions and Elements
- ASTM E413** Classification for Rating Sound Insulation

Underwriters Laboratories (UL)

- UL Fire Resistance Directory**; www.UL.com or visit [here](#).

5. Installation

General installation: Follow manufacturer's specific installation instructions.

- Install RSIC-SI-X ADM Resilient Sound Isolation Spring Clip following the manufacturer recommendations
- Fasten the RSIC-SI-X ADM Multi Clip to structure
- For Wood framed ceilings use a min #8 x 1-1/2" long coarse thread screw min.



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- For Steel framed ceilings use a min length #8 x 1/2" long self -drilling dine thread screw.
- Install 7/8" 25 Ga drywall furring channel (Hat Channel) into RSIC-SI-X Low Profile at a maximum of 16 x 48 inches on center. 7/8" 25 GA drywall furring channel snaps into the RSIC-SI-X Low Profile bottom part creating a 1 to 2" air gap from the underside of wood and steel framing.
- Max design load of each RSIC-SI-X Low Profile 26 Lb, 13 Lb, and 7 Lb.
- Max spacing 16" x 48" oc.
- Splicing Drywall Furring Channels:
 - Splice drywall furring channels with minimum of six inch overlap.
 - Secure laps with two framing screws or 18 gauge tie wire double wrapped
 - Locate splices between resilient sound isolation clips
 - Do not locate splices on resilient sound isolation clips
- Flanking Noise:
 - Review installation details to prevent structure-borne flanking noise
 - Do not allow drywall furring channels or gypsum board to contact wall framing members
- Gypsum Board:
 - Install gypsum board in perpendicular to the Drywall Furring Channel. Leave a 1/4 inch (6 mm) gap around perimeter for acoustical sealant application
 - Install gypsum board in accordance with ASTM C840 as specified in Section 09250
- Acoustical Sealant:
 - Seal potential air leaks with acoustical sealant to achieve best Field Sound Transmission Class (FSTC)
 - Seal electrical outlets and penetrations with acoustical sealant • Apply fire-rated acoustical sealant at locations where fire- rated assembly is required
- Putty Pad Sealant: acoustically seal with putty pads, electrical boxes in walls and ceilings in which resilient sound isolation clips are used 6. Availability and Cost Please contact PAC International, LLC. for availability and pricing information.

6. Availability and Cost

Please contact PAC International, LLC. for availability and pricing information.

7. Warranty

RSIC-SI-X Low Profile clips are guaranteed free of manufacturer defects. Only remedy is the replacement of the defective component or components. Manufacturer is not liable for delays or extra costs.

8. Maintenance

No maintenance is necessary.

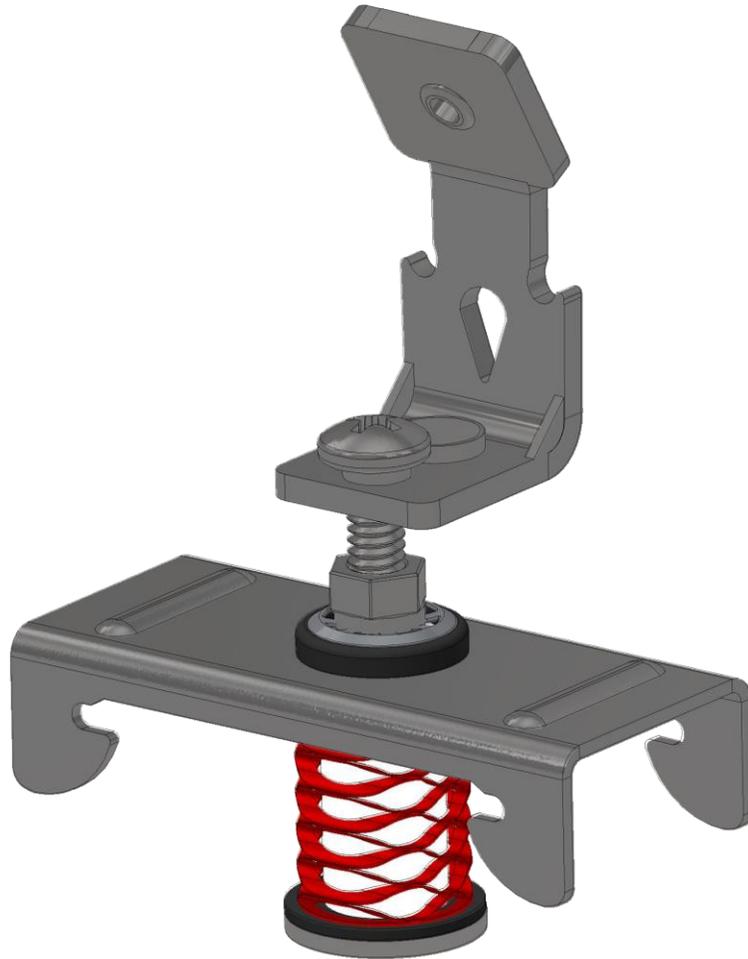
9. Technical Services

PAC International LLC. offers online product pages, installation guides, and specification sheets. Technical information can be found on the website, <http://www.PACInternationalLLC.com> or by calling 866-774-2100

Fire ratings, sound test assemblies, CAD drawings, assembly drawings and clip specifications are also on the website.

10. Filing Systems

- Additional product information is available from the manufacturer upon request

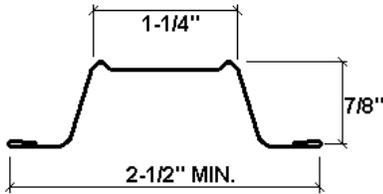
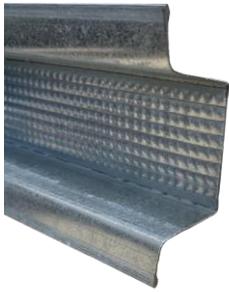


RSIC-SI-X ADM Multi Clip

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RSIC-SI-X ADM MULTI CLIP INSTALLATION GUIDE



Drywall Furring Channel:

- **Channel:** 25 gauge with hemmed edge required. Meets or exceeds SSMA requirements.
- **Depth:** 7/8 inch
- **Width Bottom:** 2-9/16" to 2-11/16" inch wide nominal.
- **Width Top:** 1-1/4 inch wide

Splice drywall furring channel (hat track) with 6 inch overlap in mid span (between two clips) secure with 18 ga tie wire, or two 7/16" framing screws.

Fasteners:

• **RSIC-SI-X ADM to Concrete:**

The RSIC-SI-X ADM Multi Clip is shot into the concrete with a gas, or powder actuated 3/4" pin min. Please verify use of pin is allowed for overhead installations.

• **RSIC-SI-X ADM to Wood:**

The RSIC-SI-X ADM Multi Clip is fastened to the wood frame with min #7 x 1-5/8" coarse thread screw

• **RSIC-SI-X ADM to Steel:**

The RSIC-SI-X ADM Multi Clip is fastened to the steel frame with min #7 x 1" fine thread screw

- **Call for information on additional approved fasteners**



26 Lb

13 Lb

7 Lb

Resilient Sound Isolation Clip (RSIC-SI-X Spring)

- **Maximum Spacing:** 48 inches on center
- **Design Load at 3/8" deflection from free height**
- **Red = 26 Lbs**
- **Blue = 13 Lbs**
- **White = 7 Lbs**

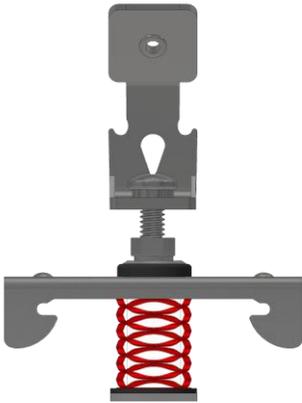
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RSIC-SI-X ADM MULTI CLIP INSTALLATION GUIDE

Ceilings:

- Resilient Sound Isolation Clips (RSIC-SI-X ADM) maximum spacing 16" x 48" or 24" x 32" on center .
- Layout the RSIC-SI-X ADM clips according to general guidelines represented in this installation manual.
- Any additional or non standard room dimensions need to be addressed.
- Verify the correct quantity of each RSIC-SI-X ADM isolators (weight / color) is included in the shipment.
- Layout the RSIC-SI-X ADM clips out on the floor (reflecting the ceiling above) Ensure there are no additional items required to complete the installation.
 - Red 26 Lb clips are for the field
 - Blue 13 Lb clips are for the field, edge.
 - White 7 Lb clips are for edge, corner, and or infill where additional support is needed
- Install RSIC-SI-X ADM Multi Clip to concrete with powder or gas actuated 3/4" pin minimum
- Install RSIC-SI-X ADM Multi Clip to Wood or Steel frame with approved fastener from previous page
- Bend the RSIC-SI-X ADM clip down until it is parallel with the floor.
- Adjust the height of the RSIC-SI-X ADM on the threaded rod/bolt to desired height.
- Lock RSIC-SI-X ADM into final elevation with jam/lock nut
- Ensure the metal ferrule is tight to the washer, slightly compressing the rubber
- Install the furring channel (hat track) into the RSIC-SI-X ADM clips. maximum spacing is 24" oc.
- Install the gypsum board leaving a 1/4" min. gap around the gypsum board ceiling.
- Caulk around entire perimeter of the gypsum board. Use fire rated sealant where required.



Thread length for desired drop to back of gypsum board:

- 3-1/4" to 4" drop = 1-1/2" bolt
- 3-1/2" to 4-1/2" drop = 2" bolt
- 4" to 5" drop = 2-1/2" bolt
- 4-1/2" to 5-1/2" drop = 3" bolt
- 5" to 6" drop = 3-1/2" bolt
- 5-1/2" to 6-1/2" drop = 4" bolt
- 6" to 7" drop = 4-1/2" bolt
- 6-1/2" to 7-1/2" drop = 5" bolt

General Information:

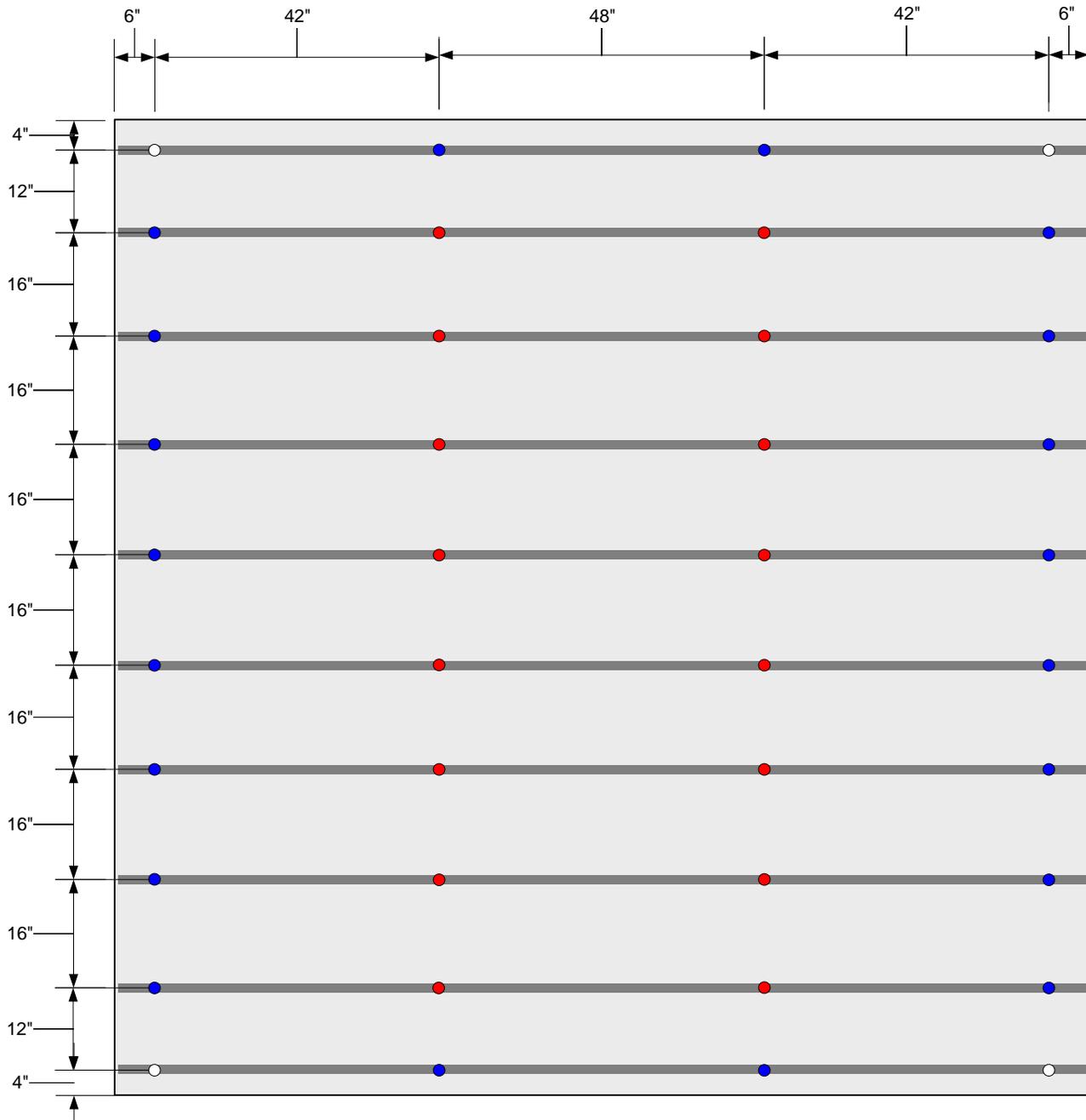
- Resilient Sound Isolation Clip (RSIC-SI-X ADM), furring channel (hat track) and gypsum board shall not carry heavy loads such as cabinets, book shelves, or light fixtures without additional RSIC supports.
- Splice furring channel (hat track) with 6 inch overlap in mid span, secure with 18 ga. tie wire 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.

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RSIC-SI-X ADM MULTI CLIP INSTALLATION GUIDE

RSIC-SI-X ADM SPRING INSTALLATION ON CONCRETE RSIC-SI-X ADM @ 16" OC.



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LEED Analysis
RSIC-SI-X ADM

Recycled Content

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

Fabrication Location

The RSIC-SI-X ADM 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.



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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 other wise 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.



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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.

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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