

User Manual

# Fairfield Horizontal Rail Adapter



**Amico**

# Preface



## Important, Please Read Carefully

Thank you for your purchase with Amico.

This unit is designed for long-lasting performance, provided the user complies with assembly and maintenance procedures. This instruction manual is your guide to ensuring that you get the best performance out of your equipment. Amico Accessories is not responsible for any damage as a result of (but not limited to) abuse and other malfunctions that may be a direct or indirect result of failure to comply with the instructions provided in this manual.

## Precautionary Symbols Found in this Manual

The meaning of symbols appearing in this instruction manual and on the unit are shown on the chart below. These symbols alert you to safety conditions that demand your attention. You should take proper precautions and follow the instruction on the label and/or this user manual to minimize the risk of injury or damaging the equipment.

Symbol	Signal Word/Color	Level of Hazard
	<b>WARNING</b>	Steps where extra care should be taken to prevent injuries and damage.
	<b>NOTE</b>	Steps that point out helpful information.

## Medical Facility Responsibilities

Preventive maintenance checks must be performed regularly to maintain the quality and performance of this product. Any parts that may be broken, missing, worn, distorted, or contaminated in any way should not be used and all affected parts should be replaced immediately. Should the necessity of any repair be suspected, please contact your local Amico distributor or call 877-264-2697.

## Precautions



**WARNING:** IT IS THE INSTALLER'S RESPONSIBILITY TO ENSURE ALL COMPONENTS ARE PROPERLY ASSEMBLED AND INSTALLED USING THE PROVIDED INSTRUCTION MANUAL.



**WARNING:** EXCEEDING WEIGHT CAPACITIES CAN RESULT IN SEVERE PERSONAL INJURY OR DAMAGE TO YOUR EQUIPMENT. IT IS THE INSTALLER'S RESPONSIBILITY TO ENSURE THE COMBINED WEIGHT OF ALL COMPONENTS DOES NOT EXCEED THE WEIGHT CAPACITY LISTED IN THIS USER MANUAL.

# Table of Contents

<b>Section 1: Product Specifications</b>	<b>4</b>
Features	4
Specifications	4
<b>Section 2: Installation Preparation</b>	<b>4</b>
Installation Tools	4
Pre-installation Information (PLEASE READ CAREFULLY BEFORE STARTING)	5
Typical Installation Reference	5
<b>Section 3: Installation on Mounting Platform</b>	<b>6</b>
Installation Instructions to Light Duty Fairfield Rails and Fairfield Rails	6
<b>Section 4: Device Installation</b>	<b>7</b>
For FTA-8-32	7
For FTA-05	7
<b>Section 5: Adjustments</b>	<b>8</b>
Adjust Device	8
Adjust On Rail	8
<b>Section 6: Troubleshooting, Preventative Maintenance &amp; Cleaning</b>	<b>9</b>
Troubleshooting	9
Preventive Maintenance	9
Cleaning	10
<b>Warranty</b>	<b>11</b>

# Section 1: Product Specifications

## Features

Compatible to Fairfield Horizontal Rail System (FRS) and Light duty Fairfield Rail System (LRS) for use with custom accessories application.




## Specifications

Amico Part Number	FTA-8-32	FTA-05
Physical dimensions	1.5" W x 0.63" D x 2.6" H	1.5" W x 3.15" D x 2.6" H
Weight	0.20 lbs (0.09 kg)	0.34 lbs (0.15 kg)
Max load	2.5 lb.ft.	2.5 lb.ft.
Total weight of all the equipment attached	15 lbs (6.80 kg)	15 lbs (6.80 kg)
Mounting platform for use with custom accessories application	Four (4x) 8 - 32 threaded holes 1/2" apart	1/2" socket with thumb knob
Compatible to Fairfield Rail System (FRS)	Yes	Yes
Compatible to Light Duty Fairfield Rail System (LRS)	Yes	Yes

# Section 2: Installation Preparation

## Installation Tools

The following table lists the tool and parts required for installation:

Item (not provided)	Quantity
 8-32 screws for FTA-8-32 only	2
 Philips Head screwdriver (for FTA-8-32 only)	1
 7/32 Allen key	1

## Section 2: Installation Preparation

### Pre-installation Information (PLEASE READ CAREFULLY BEFORE STARTING)



**WARNING:** VERIFY THAT THE MOUNTING RAIL FOR THE FAIRFIELD HORIZONTAL RAIL ADAPTER (FTA ADAPTER) HAS BEEN INSTALLED ACCORDING TO THE MANUFACTURER'S GUIDELINES. FAILURE TO PROPERLY MOUNT THE DEVICE CAN CAUSE SERIOUS INJURY AND EQUIPMENT DAMAGE.



**WARNING:** IT IS DANGEROUS TO USE THE DEVICE FOR WEIGHTS OUTSIDE THE RATED RANGE. STRUCTURAL FAILURE COULD RESULT FROM THIS. THE LOAD RATING FOR THE FTA ADAPTER IS APPROXIMATELY 15 LBS, 2 INCHES FROM THE CENTER OF THE CROSS SECTION OF THE RAIL TO THE MOUNTING SURFACE OF THE FTA ADAPTER.

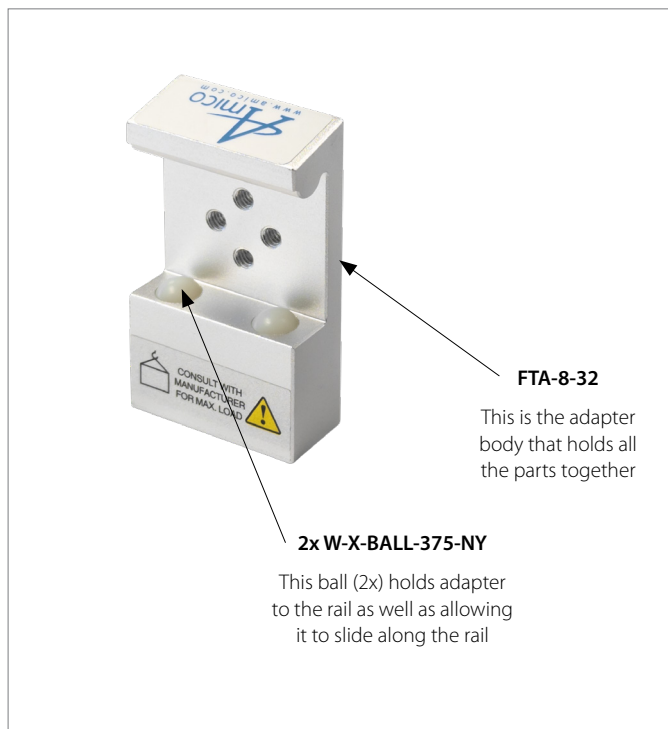
Considerable efforts have been made for applications, please contact an Amico Accessories product specialist: 1-877-264-2697 to ensure the safety of your hospital staff and your patients. The installation itself is beyond the control of Amico Accessories. Accordingly, Amico Accessories will not be responsible for failure related to the installation of the product.

### Typical Installation Reference

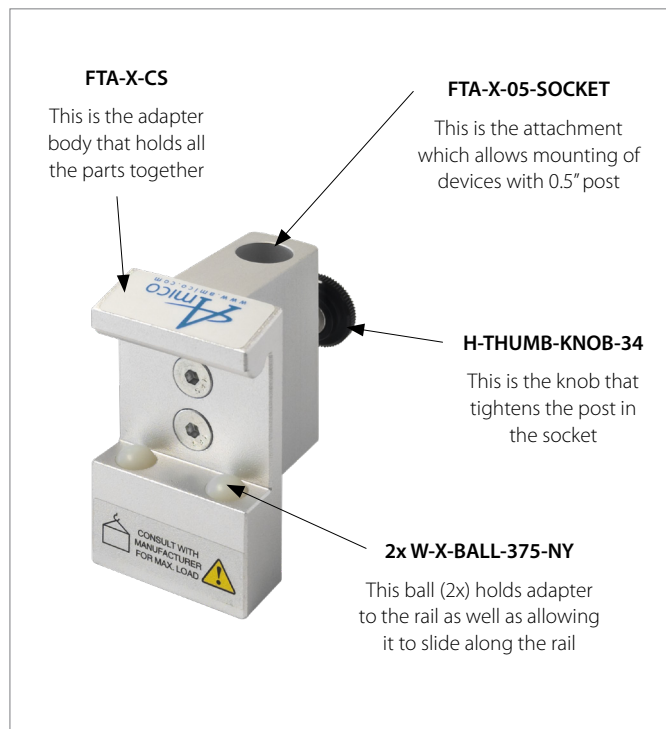
The picture below illustrates the components of the product. The product names along with its product number are given below.



**NOTE:** THIS MANUAL WILL USE THE REFERENCE NAMES GIVEN BELOW TO REFER TO A PART FROM HERE ON. THE FIGURES SHOW THE COMPLETE ASSEMBLY. **(FIGURE 1)**



**Figure 1**  
FTA-8-32



**Figure 2**  
FTA-05

# Section 3: Installation on Mounting Platform

## Installation Instructions for Light Duty Fairfield Rails (LRS) and Fairfield Horizontal Rails (FRS)

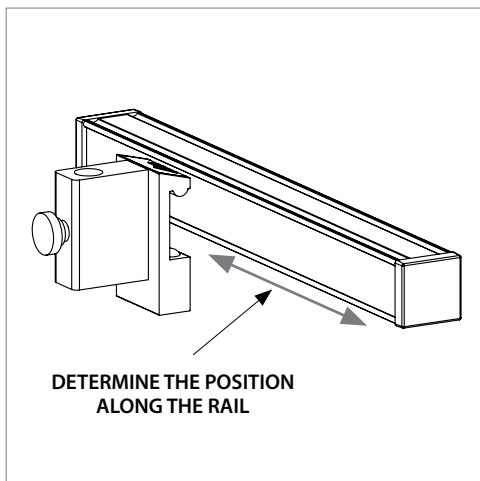


**WARNING:** DO NOT MOUNT THE FTA(-\_\_)-\_\_( ) ABOVE THE PATIENT'S HEAD.

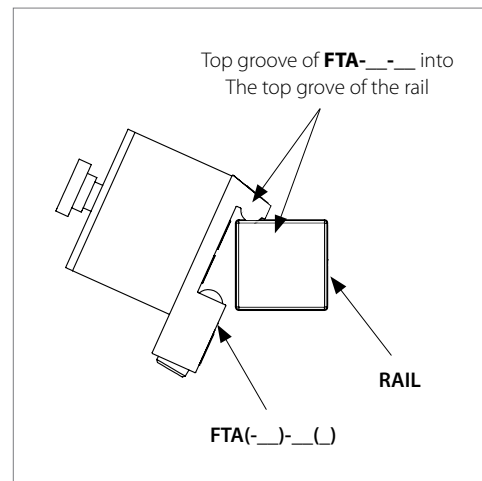


**WARNING:** ENSURE RAILING IS STABLE AND PROPERLY INSTALLED BEFORE MOUNTING FTA(-\_\_)-\_\_( ).

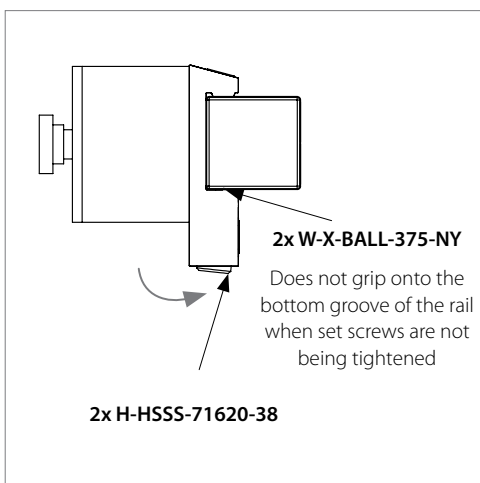
1. Locate a compatible rail.
2. Determine the position that FTA(-\_\_)-\_\_( ) will mount to on the rail. **(Figure 3)**
3. Install FTA (-\_\_)-\_\_( ) by wedging the top groove of FTA (-\_\_)-\_\_( ) into the top groove of the rail. **(Figure 4)**
4. Press FTA (-\_\_)-\_\_( ) into the rail by pushing the bottom end. **(Figure 5)**
5. Tighten 2x H-HSSS-71620-38 to secure the 2x W-X-BALL-375-NY onto the bottom groove of the rail. **(Figure 6)**
6. Check FTA(-\_\_)-\_\_( ) to ensure it is securely mounted by pulling up/down on it and ensuring it does not pull off the rail.



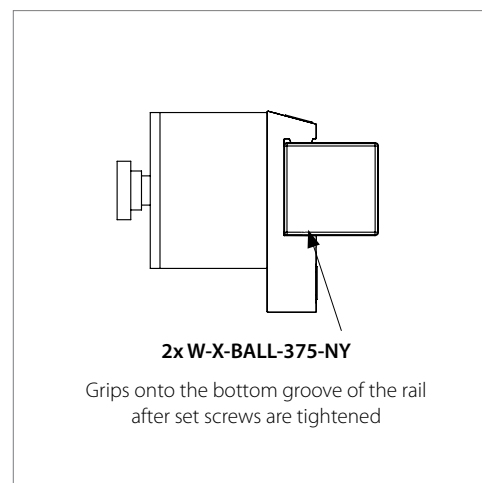
**Figure 3**



**Figure 4**



**Figure 5**



**Figure 6**



**WARNING:** THE FTA-05 AND FTA-8-32 HAVE A MAXIMUM LOAD RATING OF 2.5 LB.FT, APPROXIMATELY 15 LBS, 2 INCHES FROM THE CENTER OF THE CROSS SECTION OF THE MOUNTING SURFACE OF THE ADAPTER. HENCE THE TOTAL WEIGHT OF ALL THE EQUIPMENT ATTACHED SHOULD NOT EXCEED 15 LBS. ATTACHING MORE WEIGHT CAN LEAD TO FAILURE AND HENCE CAUSE DAMAGE TO EQUIPMENT AND/OR INJURIES TO PEOPLE NEARBY.

# Section 4: Device Installation

## For FTA-8-32

1. Align device with 2x #8-32 clearance holes with FTA-8-32's threaded holes as shown in Step 1. **(Figure 7)**
2. It is recommended to apply thread sealant or add lock washers to the screws.
3. Screw device into FTA-8-32 to secure as shown in Step 2. **(Figure 7)**

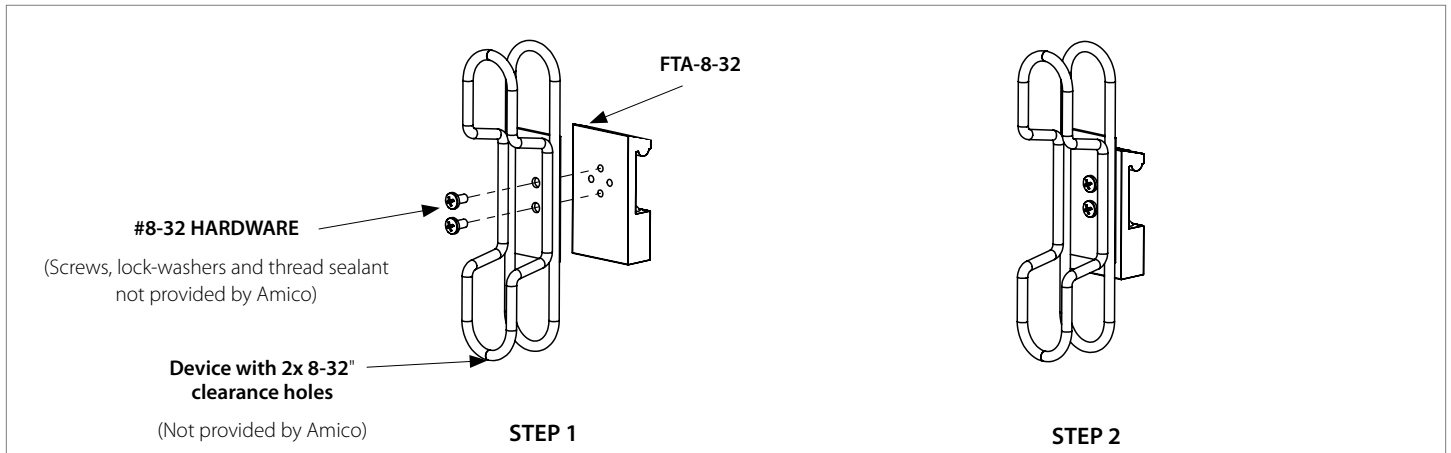


Figure 7

## For FTA-05

1. Turn H-THUMB-KNOB-34 counter-clockwise to loosen and allow clearance in the hole to slide the device with 0.5" diameter post into FTA-X-05-SOCKET as shown in Step 1. **(Figure 8)**
2. Set the device to desired height (slide the device slowly to allow enough post to be tightened in FTA-05, limited by device post length).
3. Secure device in FTA-05 with H-THUMB-KNOB-34 by turning it clockwise as shown in Step 2. **(Figure 8)**

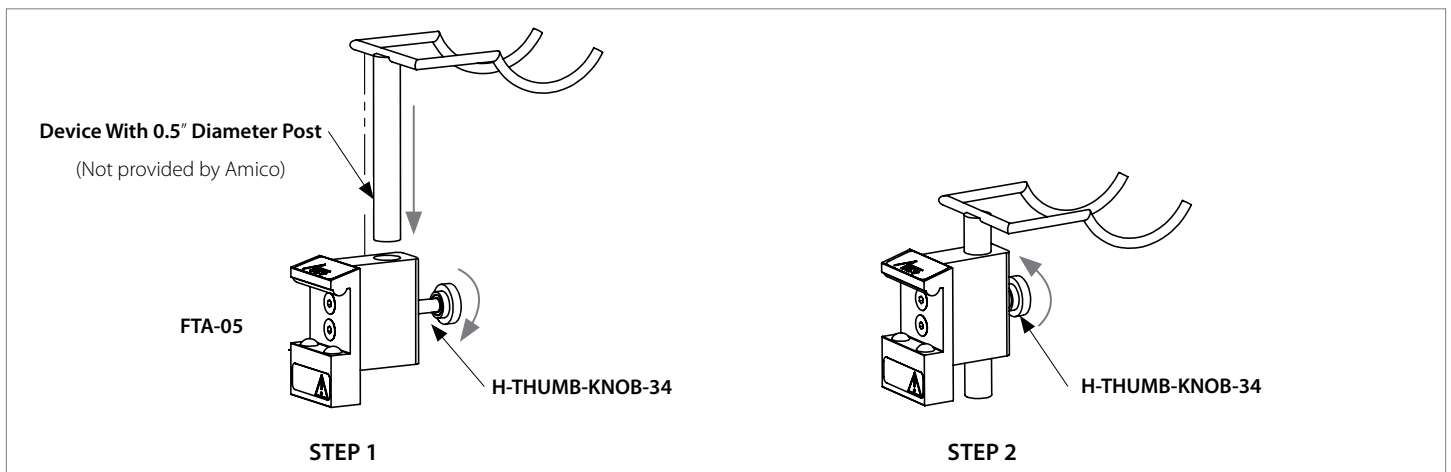


Figure 8



**WARNING:** IT IS RECOMMENDED THAT THE LOAD IS REMOVED FROM THE DEVICE BEFORE LOOSENING H-THUMB-KNOB-34 OR THE LOAD MAY FALL.



**WARNING:** CARE MUST BE TAKEN WHILE ADJUSTING THE DEVICE SO AS NOT TO DISLODGE AND DROP THE DEVICE FROM THE FTA-05.

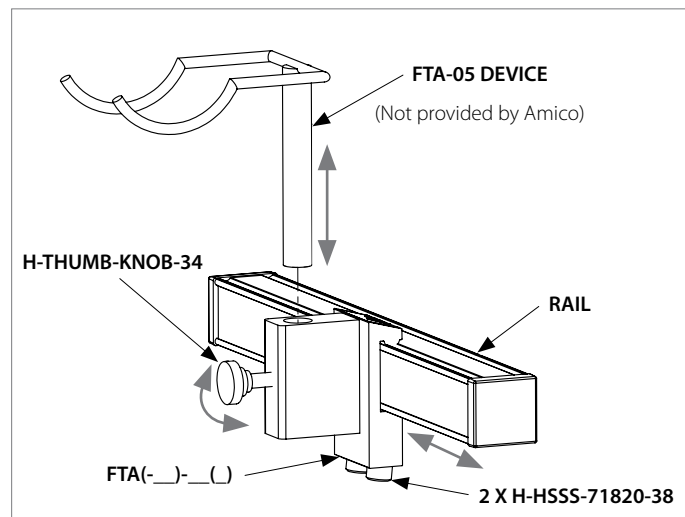
## Section 5: Adjustments

### Adjust Device

To adjust the device on FTA-05, loosen H-THUMB-KNOB-34 by turning it counter-clockwise, adjust FTA-05 device to desired height (slide the device slowly and ensure enough post is tightened by H-THUMB-KNOB-34) and rotate H-THUMB-KNOB-34 in a clockwise direction to lock the device position. **(Figure 9)**

### Adjust on Rail

To adjust FTA(-\_\_)-\_\_( )'s position on the rail, loosen 2x H-HSSS-71620-38 at the bottom and slide FTA(-\_\_)-\_\_( ) left or right to the desired position and tighten 2x H-HSSS-71620-38 to lock FTA(-\_\_)-\_\_( ) in place. **(Figure 9)**



**Figure 9**



# Section 6: Troubleshooting, Preventative Maintenance & Cleaning

## Troubleshooting

Symptom	Possible Cause	Solution
Device on FTA-05 is loose	Knob has loosened	Tighten knob, if problem persists, please contact Amico Accessories
FTA-05, FTA-8-32 adapter is loose/unable to mount to Light Duty Fairfield Rail or Fairfield Horizontal Rail	Incorrect rail adapter/damaged rail adapter	Please contact Amico Accessories
Device on FTA-8-32 is loose	8-32 screws have loosened	Tighten screws, if problem persists, please contact Amico Accessories

## Preventive Maintenance



**WARNING:** ALL PRODUCTS REQUIRE PERIODIC INSPECTION AND MAINTENANCE TO PERFORM OPTIMALLY AND ACHIEVE MAXIMUM OPERATION LIFE.



**WARNING:** THE INTERVALS SHOWN ARE RECOMMENDED. MAINTENANCE SCHEDULES SHOULD BE MORE FREQUENT FOR HIGHER USE AREAS.



**NOTE:** PLEASE FOLLOW THE PREVENTATIVE MAINTENANCE PROTOCOL FOR THE ACCESSORIES AS STATED IN THE MANUAL FOR THOSE ACCESSORIES.

Area	Maintenance	Period (months)
Knob and Device	A. Visually inspect for any loosening of the knob from the adapter. B. Check if the device is mounted properly and tightly to the adapter. C. Tighten the knob every three months.	3
8-32 Screws, Device, and FTA-8-32 Adapter	A. Visually inspect for any loosening of the screws from the adapter. B. Check if the device is mounted properly and tightly to the adapter. C. Tighten screws every three months.	3
Set Screw of FTA adapter	A. Visually inspect for any loosening of the set screws. B. Check if the adapter is mounted properly and tightly to the rail. C. Tighten the set screws every three months.	3

# Section 6: Troubleshooting, Preventative Maintenance & Cleaning

## Cleaning



**WARNING:** THE CLEANING CHEMICALS AND METHODS BELOW ARE NOT MEANT FOR CONTROLLING ANY INFECTIONS. IT SHALL BE THE RESPONSIBILITY OF THE HOSPITAL OR THE HOSPITAL'S INFECTION CONTROL OFFICER TO SANITIZE THE EQUIPMENT.



**WARNING:** PLEASE DO NOT SPRAY ANY CHEMICALS DIRECTLY ONTO THE FAIRFIELD HORIZONTAL RAIL ADAPTER. APPLY ONTO A SOFT CLOTH AND WIPE CLEAN TO PREVENT CHEMICALS GETTING INTO THE INTERNAL COMPONENTS OF THE FAIRFIELD HORIZONTAL RAIL ADAPTER.

The mounting assembly may be cleaned with most mild, non-abrasive solutions commonly used in the hospital environment (e.g. diluted bleach, ammonia, or alcohol solutions). The surface finish will be permanently damaged by strong chemical and solvent such as acetone and trichloroethylene. Steel wool or other abrasive material should never be used. Damaged caused by the use of unapproved substances or processes will not be warranted. It is recommended that you test any cleaning solution on a small area of the Fairfield Horizontal Rail Adapter that is not visible to verify compatibility. Never submerge the Fairfield Horizontal Rail Adapter and do not allow liquids to enter it. Wipe any cleaning agents off the Fairfield Horizontal Rail Adapter immediately using a water-dampened cloth. Dry the Fairfield Horizontal Rail Adapter thoroughly after.



Figure 10

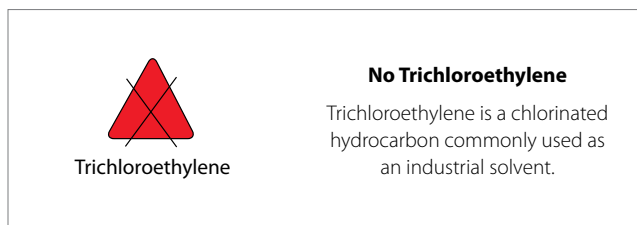


Figure 11

# Warranty

Amico Accessories Inc. warrants all mounting accessories to be free from defects in material and workmanship for a period of twelve (12) months from the date of shipment. Within this period Amico Accessories Inc. will repair or replace any part which is proven to be defective.

Amico Accessories Inc. will warrant its materials to be free from defect for an additional period of four (4) years, (five [5] years from the date of shipment). Within this period, Amico Accessories Inc. will replace any part which is proven to be defective, at no charge. Shipping and Installation costs after the first twelve (12) months will be borne by the Customer.

This warranty is valid only when the product has been properly installed according to Amico Accessories Inc. specifications, used in a normal manner and serviced according to factory recommendations. It does not cover products that are not manufactured by Amico Accessories Inc. It does not cover failures due to damage which occurs in shipments or failures which result from accidents, misuse, abuse, neglect, mishandling, alteration, misapplication or damage that may be attributable to acts of God.

Amico Accessories Inc. shall not be liable for incidental or consequential damages resulting from use of equipment.

All claims for warranty must first be approved by Amico Accessories Inc. A valid Return Goods Authorization (RGA) number must be obtained from Amico Accessories Inc. prior to commencement of any service work. Warranty work, which has not been pre-authorized by Amico Accessories Inc., will not be reimbursed.

## **AMICO ACCESSORIES INC. DOES NOT HONOR VERBAL STATEMENTS CONCERNING THE WARRANTY.**

The distributor and/or dealer are not sanctioned to create verbal warranties about the product described in this agreement. Any statements will not be honored or be made part of the agreement of sale. This document is the final complete and exclusive terms of the agreement.

## **THIS WARRANTY IS INCLUSIVE AND REPLACES ALL OTHER WARRANTIES.**

Amico Accessories Inc. shall not, under any circumstances be liable for incidental or consequential damages including, but not limited to, profit, loss of sales or injuries to person(s) or property. Correction of noncompliance as noted above will result in completion of all liabilities of Amico Accessories Inc., whether based on agreement, neglect or changed materials, designs or specifications without notice.

All claims for warranty must first be approved by Amico Accessories Inc. Service Department: [accessories@amico.com](mailto:accessories@amico.com) or 1.877.264.2697. A valid Return Goods Authorization number must be obtained from Amico Accessories Inc. prior to commencement of any warranty claim.

[www.amico.com](http://www.amico.com)

Amico Accessories Inc. | 122 East Beaver Creek Road, Richmond Hill, ON L4B 1G6, Canada  
Toll Free Tel: 1.877.264.2697 | Tel: 905.763.7778 | Fax: 905.763.8587  
Email: [info@amico-accessories.com](mailto:info@amico-accessories.com) | [www.amico.com](http://www.amico.com)