

# *The Inflatable* RV SKIRT

## OWNER'S MANUAL



# HEADS UP! READ THIS FIRST

RV Skirts are a great way to protect your RV from freezing weather but you must use common sense as well. Run your heat at all times and validate that pipes are not freezing. In some climates an auxiliary heat source may be needed underneath your RV.

AirSkirts works by providing a large buffer of insulation around the base of your RV - this prevents wind from whisking away your valuable energy and allows heat that dissipates from your floor to be retained, keeping your pipes warm and saving you on energy costs.

A skirt is not a guarantee that nothing will freeze. AirSkirts cannot be held liable for damage caused by freezing temperatures.

# READ THIS MANUALLY CAREFULLY

It's really important to understand how to properly set up, monitor, and care for your AirSkirts. Please read the manual in full, watch the setup video, and read the warnings.

# NEED HELP? CALL US

833-4-SKIRTS (833-475-4787) - we're always happy to help you get set up for the first time, brainstorm, video chat, or tell you bad jokes.

# THE LEGAL DEALIO

In no event shall AirSkirts LLC (our company) be liable for any direct, indirect, punitive, incidental, special consequential damages, to property or life, whatsoever arising out of or connected with the use or misuse of our products.

No claims, representations or warranties, whether expressed or implied, are made by both our companies as to the safety, reliability, durability and performance of any of our company's products. Furthermore, our company accepts no liability whatsoever for the safety, reliability, durability and performance of any of our company's products.

# WARRANTY AND RETURNS

We believe in and stand by our product. Not happy? Return it within 30 days with our no-hassle return policy. We offer an excessively long guarantee on the product - AirSkirts comes with a FIVE YEAR warranty.

# WELCOME TO YOUR AIRSKIRTS™ KIT

We appreciate your purchase and think you'll love your AirSkirts kit. Please feel free to contact us at 833-4-SKIRTS (833-475-4787) if you need assistance during setup.

## **IMPORTANT WARNINGS: READ FIRST**

**IMPORTANT: DO NOT OVERINFLATE.** Tubes should have just enough air to stay in place and will be loose to the touch.

**AIR EXPANDS AND CONTRACTS WITH TEMPERATURE.** You must add or remove air from the tubes during significant temperature changes. As temperature rises, air expands; an over pressurized tube could damage your trailer or motorcoach.

**NOT A TOY OR FLOTATION DEVICE.** Please don't float down the river, use in the pool, or have a sword fight.

**TIRE WEDGES ARE NOT WHEEL CHOCKS.** Our tire wedges are not intended to replace wheel chocks and you should always chock your RV when setting up. For our tire wedges to work properly your wheel chocks should be placed around the outside of the wheels. Tire wedges are not compatible with X-Chocks.

**Please view our setup video at [www.airskirts.com/setup](http://www.airskirts.com/setup)**



# INCLUDED WITH YOUR KIT



**SKIRT TUBES, VARIOUS SIZES**  
SKIRT TUBES ARE THE BASIS OF THE AIRSKIRTS SYSTEM AND RUN AROUND THE PERIMETER OF YOUR RV.



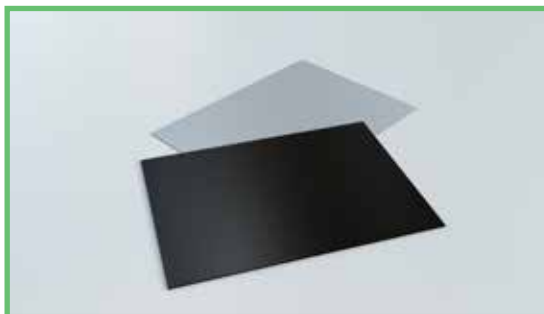
**AIRSKIRTS STORAGE BAG**  
OUR STORAGE BAG HOLDS YOUR KIT WHILE IN STORAGE OR TRANSIT. LARGER KITS COME WITH TWO STORAGE BAGS.



**ELECTRIC AIR PUMP, AC 800W**  
INFLATES AND DEFLATES YOUR SKIRT. CONNECT HOSE TO THE PORT CLOSEST TO THE ON/OFF SWITCH TO INFLATE. REVERSE SIDES TO DEFLATE.



**SHARP EDGE PROTECTORS**  
FOR USE ON SHARP 90 DEGREE ANGLE EDGES, SUCH AS THE BASE OF YOUR STAIRS OR THE CORNER OF YOUR STABILIZERS. AN ADHESIVE BACKING IS PRE-APPLIED.



**PATCH MATERIAL**  
IN THE UNLIKELY EVENT OF A PUNCTURE OUR PATCH MATERIAL CAN BE USED FOR REPAIR. ADHESIVE NOT INCLUDED.



**SHARP EDGE TAPE PROTECTOR**  
FOR USE ON SHARP OR LONG EDGES THAT AREN'T 90 DEGREES. AN ADHESIVE BACKING IS PRE-APPLIED.

# ADD-ON ITEMS



## DUAL-AXLE TIRE COVERS

OUR DUAL-AXLE TIRE COVERS PREVENT AIR FROM ESCAPING FROM BETWEEN YOUR TIRES AND ALSO COVER YOUR TIRES TO KEEP THEM CLEAN AND OUT OF THE SUN.



## TIRE WEDGES

OUR TIRE WEDGES FILL THE GAP BETWEEN YOUR TIRES AND PREVENT AIR FROM ESCAPING. USE THESE WITH OUR TIRE COVERS FOR MAXIMUM INSULATION.



## BUFFER PILLOW

USE OUR BUFFER PILLOWS TO FILL IN IRREGULAR AREAS OR RECESSES ON AND AROUND YOUR RV'S CHASSIS.



## STAIR PILLOW

CERTAIN TYPES OF RV STAIRS (THOSE WELDED UNDER THE FRAME) WILL LEAVE A GAP BELOW THE STAIRS. OUR STAIR PILLOW IS USED TO FILL THAT GAP.



## REFLECTIX®

USE REFLECTIX TO INSULATE YOUR WINDOWS. REFLECTIX IS ALSO USEFUL TO PLACE IN SMALL AREAS WITH DRAFTS OR IN WHEEL WELLS ON CLASS A/B/C MOTORHOMES.



## AIRLIGHT™ SKYLIGHT INSULATOR

OUR AIRLIGHT SKYLIGHT INSULATOR PREVENTS ENERGY FROM ESCAPING FROM YOUR SKYLIGHT OR VENT WHILE STILL ALLOWING THE SUN TO SHINE THROUGH.

# PREPARING YOUR RV FOR FIRST TIME USE

## PREVENT PUNCTURES BY PROTECTING SHARP CORNERS

AirSkirts are extremely puncture resistant and can be placed on normal ground, cement, gravel, etc. If any sharp objects are on the ground you should remove them prior to setup. You may want to consider laying down a tarp for extra protection and to keep your kit clean.

Before beginning setup for the first time, inspect the underside of your RV for sharp corners. On some RVs these can be found on stabilizer jacks and around stairs. Inspect your chassis carefully for sharp objects that could puncture your skirt.

When properly inflated (see inflation instructions) sharp objects should not puncture your AirSkirts tubes. However, when temperatures rise, air pressure in your AirSkirts will increase, so we recommend protecting your AirSkirts from sharp objects and corners with the included protective material.

First, thoroughly clean and dry the area where the protection is required. A wire brush and / or rubbing alcohol may be required. For 90 degree angled corners, such as under stairs and stabilizers, use the corner protectors, ensuring the front of the protector faces the tubes. Use the roll of 90 degree flexible tape for any other areas that need protection. Some RVs won't require any protective material.

## MONITORING AIR PRESSURE

With drastic temperature changes the pressure in your AirSkirts tubes will change. Higher temperatures will increase the pressure in the tubes while lower temperatures will decrease the pressure.

It is important to monitor pressure in your tubes during temperature changes. To let air out of the tubes, simply depress the spring loaded mechanism in the valve and air will flow out. To add pressure, reconnect your AirSkirts pump.

# STEP 1: UNPACKAGE AND POSITION TUBES

Unfold the tubes so the valves face straight up.

Begin placing the tubes underneath the trailer or motorcoach so that the inflated portion of the tube will meet the chassis. On some trailers there will be an I-beam; on others you will make contact with the flat, bottom surface.

**IMPORTANT:** Do not place the tubes against outside plastic skirting or other breakable objects.

**TIP:** Longer tubes generally work well at the front and back ends of the trailer or motorhome. There are many ways to configure your AirSkirts kit – with some experimentation you will find the layout that works best for you. Contact us for help and suggestions!

Sewer drains, valves, and other elements beneath your RV are no problem. The tubes will push up and conform underneath these elements.





## STEP 2: TIRE WEDGES

If you have ordered tire wedges, place them between the base of your tires and inflate. Make sure your wheel chocks are on the outside of your tires, not the inside, before proceeding. Note that the tire wedges do not replace the function of wheel chocks and chocks should still be used. Also note that tire wedges are not compatible with X-Chocks. If you ordered tire wedges for the top of your tires as well, place and inflate them on the top. Repeat on the other side of the trailer. Reposition the tire wedges as you inflate. Tire wedges inflate very quickly - we recommend adding a small amount of air to make positioning them manageable, followed by positioning them and completing inflation.

## STEP 3: DUAL-AXLE TIRE COVERS

To use our optional dual-axle tire covers simply remove them from the bag and work the elastic strap around the tires. Alternate sides until the covers completely cover both tires and the frontmost seam is inline with the top front of your tires. Reposition until you are satisfied with the appearance. Tire covers should be added after the tire wedges but before the rest of the skirt tubes.



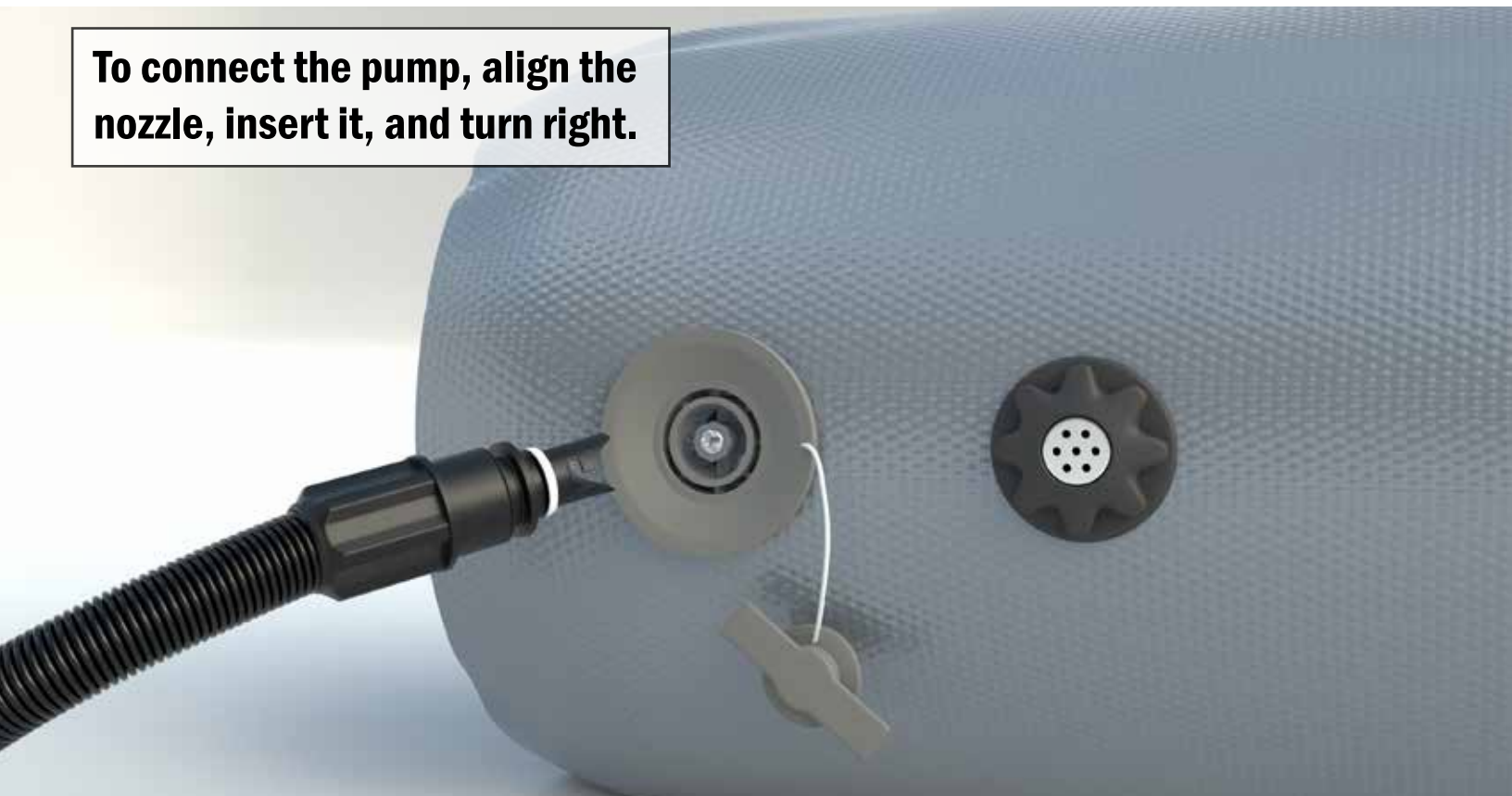
## STEP 5: PARTIALLY INFLATE AND POSITION

In dry weather connect the electric air pump to AC power. Do not use or operate the pump in rain or allow the pump to become wet.

Connect the inflation hose to the port on the pump closest to the on/off switch. Note that you may have stored the air pump with the hose in reverse (for deflation) during your last use – to set the air pump to inflate, detach the hose from the air pump and reverse sides (detailed break down instructions follow in a later section of this manual).

Connect the inflation hose to the tube by inserting the nozzle, pushing in firmly, and turning clockwise. It may help to grasp the valve with your other hand.

**To connect the pump, align the nozzle, insert it, and turn right.**



Partially inflate the tube and then reposition it so it fits snugly with the other tubes and tires. Rotate the tubes so that the valves and AirSkirts logo face forward (and not up). Repeat this process with each tube. Where the tubes meet wheel, place the black end of the tube at the base of the tire and adjust as you inflate so that the tube conforms around the tire.

## STEP 6: INFLATE TUBES

With a helper, continue inflation. As the tubes inflate continue to adjust their position so they create a seal with each other and with your tires. You may wish to pause inflation to reposition the tubes as you go.

The tubes are inflated when they fit snugly below the underside of the trailer or motorcoach and do not move out of place with a light kick. Tubes will be flexible to the touch – **it is especially important that you do not overinflate the tubes** – see warnings and precautions.

When the pressure seems correct, remove the inflation nozzle. Turn off the pump after removal. Close the valve cover, using caution to not trap the string between the cover and seal. If desired, tubes can be connected together by attaching the D-rings (version 5+ model tubes only) to each other using a bungee, lock, or zip-tie (not included).



Make sure you monitor tubes during temperature changes. Air expands and contracts with temperature you may need to occasionally add or remove air.

**PLEASE, PLEASE, PLEASE READ THIS PAGE CAREFULLY**

## STEP 7: STAIR PILLOW

If you have ordered the stair pillow, place it above your top step and underneath your RV with the stairs open and inflate. **Stair pillows inflate in seconds - use caution not to overinflate.** Note that only some stairs require a stair pillow.



## STEP 8: BUFFER PILLOW

If you have ordered buffer pillows you can use them to fill gaps as needed. Simply place the pillow in the area you want to fill in and inflate (watch out - they inflate very quickly). If the pillow is too wide you can slide the sides on top of the adjacent tubes prior to inflation.

## STEP 9: AIRLIGHTS AND REFLECTIX

For interior insulation cut Reflectix to size for windows you'd like to insulate. In most cases Reflectix is stiff enough to stay in place without adhesive.

For AirLights, connect the pump and inflate very briefly. **AirLights inflate in seconds so use caution to not overinflate and burst.** Place into your skylight by pushing the AirLight into the recessed skylight area. If needed, release some air by pressing on the valve stem and reinflate in place.

# BREAKING DOWN YOUR AIRSKIRTS KIT

First, make sure your pump is in the deflate position. If not, grasp the solid plastic end of the hose (where it attaches to the pump) and twist counterclockwise (left) to remove. Repeat for the debris guard on the opposite end of the pump. Reattach the pieces on the opposite ends by lining up the slots with the pegs in the pump, inserting, and twisting clockwise (right).

Attach the pump to the tube and turn it on. Once the tube is deflated enough to remove pull it out from under your RV. We find it easiest to clean the tubes when partially deflated – do whatever works best for you. Ensure the tubes are completely dry before folding and packing away.

Once most of the air is removed, turn off the pump and flatten the tube, getting rid of as many wrinkles as possible. Continue deflating the remainder of the air and disconnect the hose while the pump is still running. Note: the spring loaded mechanism in the center of the valve must be open in the upright position or air will re-enter the tube.

Then, just fold the tube however works best for you – the way it came, roll it up, or go for your favorite origami animal. Put the tubes into your storage bag and you're good to go!

## TROUBLESHOOTING

### **Tubes losing air?**

If all of your tubes are losing air it's probably due to temperature changes. You'll need to keep up with monitoring and maintaining air levels in the tubes. If you have one tube that's not maintaining pressure, first unscrew the valve cover and make sure the spring loaded mechanism is open in the upright position (push down on the spring and turn) - it will pop up if it was locked in. The next step is to check for punctures. If you don't see an obvious one, use a mixture of water and liquid soap, pour it over the tube while applying some pressure, and look for any bubbling. Very small punctures may require the use of a paintbrush and soapy water to locate. Please contact support if you are unable to locate a

puncture.

### **Punctured tube?**

In the unlikely event a tube is punctured you can use the patch material included with your kit. We don't send adhesive with the kit, but you can pick up a tube of liquid PVC at most hardware stores or order from an online retailer such as Amazon. Clean the area to be patched with soap and water followed by rubbing alcohol. Cut a circle from the patch material and follow the directions on the adhesive packaging.

### **Problems while deflating?**

If you happen to have forgotten your pump, lack electricity, or if your pump is not working and you need to break down, you can open the valve covers, turn and depress the spring loaded mechanism so it locks in place and leave the tubes for several hours; they will mostly deflate on their own. Then, starting at the end opposite from the open valve, roll the tube tightly to remove as much of the remaining air as possible.

## **PRODUCT SUPPORT**

Please call us for assistance at 833-4-SKIRTS (833-475-4787) or email [support@airskirts.com](mailto:support@airskirts.com).

We will be happy to help you get your skirt set up - you can even schedule a free video setup meeting on our website.

Don't forget to visit [www.airskirts.com/setup](http://www.airskirts.com/setup) for videos and more resources.



**WARNING:** This product can expose you to chemicals including Di(2-ethylhexyl) phthalate (DEHP), which is known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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