

# Inflation & Troubleshooting Guide

## Guide for the following products:

**Air Floor, Air Floor PRO, Power Launch, Sweet Spot, Jr. Sweet Spot & Launch Pad**



Thank you for your purchase of a product that uses *Air Cushion Technology*. *Air Cushion Technology* uses a unique top and bottom material with strong woven fibers in between (see photo at left). This guide will help you get the most out of your product!

## 1 Basic Care



No dragging or throwing



No sharp objects including jewelry



Not for flotation



No fire/smoking or excessive heat



No compressors

## 2 Adaptor



Adjustable valve adaptor for all pumps and products. You will have to adjust the combination of rings for the correct fit.

**NOTE:** Tumbl Trak equipment is not recommended for the use in **Parkour/Free Running** related activities.

	<p><b>! WARNING</b></p> <ul style="list-style-type: none"><li>• Serious injury (including permanent paralysis or death) could result from any activity involving motion, rotation or height.</li><li>• All users of this equipment assume this risk of serious injury.</li><li>• Mats and pits cannot and do not eliminate hazards.</li></ul>
<h3>Safety Instructions</h3>	
<p><b>ALWAYS:</b></p> <ol style="list-style-type: none"><li>1. Consult an instructor prior to use.</li><li>2. Use equipment <b>ONLY</b> under the supervision of trained and qualified instructors.</li><li>3. Use equipment with trained spotters and the proper spotting equipment.</li><li>4. Check equipment before use for proper positioning; equipment can move during use.</li><li>5. Follow a progressive learning pattern. Assure basic skills are achieved before attempting more advanced skills.</li><li>6. Use equipment <b>ONLY</b> when all hard exposed surfaces are protected with proper mats.</li><li>7. Assure that all inflatable equipment has sufficient air pressure to avoid injury.</li></ol> <p><b>DO NOT</b> use the apparatus with damaged, worn or missing parts.</p> <p><b>DO NOT</b> allow more than one person at a time to use the equipment.</p>	

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### 3 Pumps



**16" Hand Pump:**  
Included with Air Floors,  
Sweet Spots, Jr. Sweet  
Spots & Launch Pads



**Airhead Superpump:**  
Included with Air Floor  
PROs & Power Launch.  
Can be purchased  
separately for faster  
inflation/deflation.



**Magic Air Deluxe  
Electric Blower:**  
Purchased separately for  
faster inflation/deflation.

### 4 Gauge



Included with your Air Floor Product is a Pressure Gauge to measure PSI (pounds/sq. in.). This Gauge easily attaches to your adjustable adapter as seen in the picture to the right.

We have listed suggested PSI recommendations below.



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We have found these to be the most used pressure settings. You may have to adjust your PSI settings due to level of tumbling being performed and/or weight of the users.

2in (5cm) Air Floor Products  
Recommended PSI: **2-3.5psi**

Products Included:  
Hand Placement Mat

4in (10cm) Air Floor Products  
Recommended PSI: **1-2.5psi**

Products Included:  
Launch Pad

3in (8cm) Air Floor Products  
Recommended PSI: **1.5-3psi**

Products Included:  
Air Floors w/Velcro  
Air Floors NO Velcro  
Sweet Spots  
Jr Sweet Spots

8in (20cm) Air Floor Products  
Recommended PSI: **.5-2psi**

Products Included:  
Air Floor PROs  
Power Launches

## 5 Valve: Inflation / Deflation

How to lock the valve in the OPEN and CLOSED position:  
Remove the top cap and...



To OPEN: Push down and turn the gray button (in the center of the valve). It should lock down. This allows air in and out. Use for quick inflation (electric pumps) and deflation.



To CLOSE: Push down and turn on the gray button. It should pop back up. Use this position when using hand pumps to fill, or to top off the pressure after the electric pump.

**NOTE:** You may want to test opening and closing the valve several times to get used to it.

**HAND PUMP INFLATION:** Put valve in the CLOSED position. Fill to the desired pressure and remove the pump/adaptor from the valve by twisting counter clockwise. No air should leak out from valve. If air does leak the valve is in the OPEN position; twist the valve to the CLOSED position and finish inflating.

**QUICK INFLATION:** Put valve in the OPEN position. Cover the opening with the hose from an electric pump or shop vac. Fill with air. Once the pump has reached its maximum pressure ability (or the mat has reached the desired pressure), quickly CLOSE the valve. Finish topping off the pressure with a hand pump.

**ADJUST PRESSURE:** To let pressure out, push down slightly on the gray button.

**\*NOTE:** Valve should always be in the CLOSED position when done inflating, then re-attach the top cap before using.

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# AIR CUSHION TECHNOLOGY

## Troubleshooting Guide

The following is a question and answer guide.



*Q. After inflating my air unit I noticed all these bumps or "dimples" on the surface of the unit. Is this normal?*

A. This is normal. A pull of the threads inside causes the "dimples". It does not interfere with the properties or efficiency of the unit.

*Q. When my athletes use the unit they bottom out. Is this normal?*

A. This is also normal. Most of the units are 2-3" thick. When used the athlete will likely bottom out if they block or rebound with lots of force. **That is why we recommend that you DO NOT use the units by themselves on top of a hard surface.**

*Q. What is the right firmness for my unit?*

A. That depends on the level of your athletes. For younger athletes you will want the unit softer than for older athletes. One way to check for correct firmness is to try different firmnesses and get feedback from your athletes. For advanced athletes, sometimes making the unit firmer will deliver a quicker and faster rebound. The unit may be too firm if an adult coach can jump on the unit and not touch bottom.

*Q. When I came in the gym the next day the unit was soft. What should I do?*

A. The units should hold air well for your daily workout, but not overnight. **You will have to check your unit each day and top it off as necessary.** Many factors come into play over a 24 hour period including changes in temperature and air pressure systems. The unit may also become softer due to heavy usage (ex: bike tire that becomes softer after heavy usage). With this in mind, your unit may be a little softer at the end of a heavy workout.

*Q. But what if it is getting softer just after an hour or two?*

A. This is not normal. Please see the following steps to test your unit. *(Please note that Tumbl Trak is not responsible for cuts or leaks due to negligence. Charges may apply for Tumbl Trak to repair such items.)*

1. Test the valve. Make sure it is in the "closed" position (see the instructions page). If your unit leaked air when you took the hose off of the valve, the valve is not in the closed position. Make sure the valve is closed and re-inflate the unit.
2. Look inside the valve. Are there some fibers coming out of the bottom of the valve? These will give the unit a slow leak. Call Tumbl Trak if this is the case at 1-800-331-4362.
3. If the unit continues to get soft quickly: Inflate the unit again. Spray the unit down with some soapy water (mild liquid dish detergent with water). Start with the valve area, then go to the seams, then the velcro (if applicable), and then continue around the unit. If an area makes continuous bubbles you have found a leak.

*Q. What do I do now that I found the leak? What if I can't find a leak? What is covered under the warranty?*

A. Air Floor Technology units have a warranty of 12 months against any manufacturer's defects. If a cover is purchased with the unit, on the same date, the warranty is extended to 24 months. This covers leaks due to the valve and seams. Tumbl Trak will repair or replace the units at the shipping cost of the customer. The warranty does not include cuts or leaks due to the negligence of the customer, their clients, or personnel, or outside the warranty time frame. An extra fee will apply to fix these units. With either case Tumbl Trak wants your unit to work and to work well and will be glad to send you an air floor repair kit. Please call Tumbl Trak for the appropriate patch or for any other questions or problems at 1-800-331-4362.

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