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> [AIRCRAFT Air Stirrup II Ankle Brace User Manual](#)

AIRCRAFT 02VLL

AIRCRAFT Air Stirrup II Ankle Brace User Manual

Model: 02VLL

1. PRODUCT OVERVIEW

1.1 Introduction

The AIRCAST Air Stirrup II is an advanced ankle brace designed to provide stabilization and support for various ankle conditions. It features a modern design with anatomical shells and patented Duplex air cushions for comfortable and effective compression.

1.2 Intended Use

This ankle orthosis is intended for use in the following conditions:

- Acute ankle injuries
- Ankle sprains (Grades I, II, III)
- Post-operative care of the ankle
- Functional therapy for ligament ruptures
- Chronic ligament instability

Note: This orthosis is recommended for individuals with a height of 1.62 meters (approximately 5 feet 4 inches) or taller.

1.3 Key Features

- Enhanced comfort with breathable coating on air chambers.
- Simplified handling due to a new strap guide.
- Modern shell design for improved aesthetics and fit.
- Proven functionality with patented Duplex air cushions for pulsed compression.
- Anatomical shells ensuring high stability and secure hold.



Figure 1: AIRCAST Air Stirrup II product packaging, showing the brace inside a white and blue box with the brand logo.

2. SAFETY INFORMATION

Please read all instructions carefully before using the AIRCAST Air Stirrup II. Improper use may lead to injury or reduced effectiveness.

- Consult a healthcare professional before using this device, especially if you have pre-existing medical conditions or are unsure about its suitability.
- Do not overtighten the straps, as this may restrict circulation.
- Discontinue use and consult a healthcare professional if you experience increased pain, numbness, tingling, or swelling while wearing the brace.
- Keep out of reach of children.
- Do not modify the device.
- Use only as directed.

3. COMPONENTS

The AIRCAST Air Stirrup II consists of the following main components:

- Anatomical rigid shells (left or right specific)
- Patented Duplex air cushions (integrated within the shells)
- Adjustable hook-and-loop straps (typically two or three)
- Strap guide for simplified application

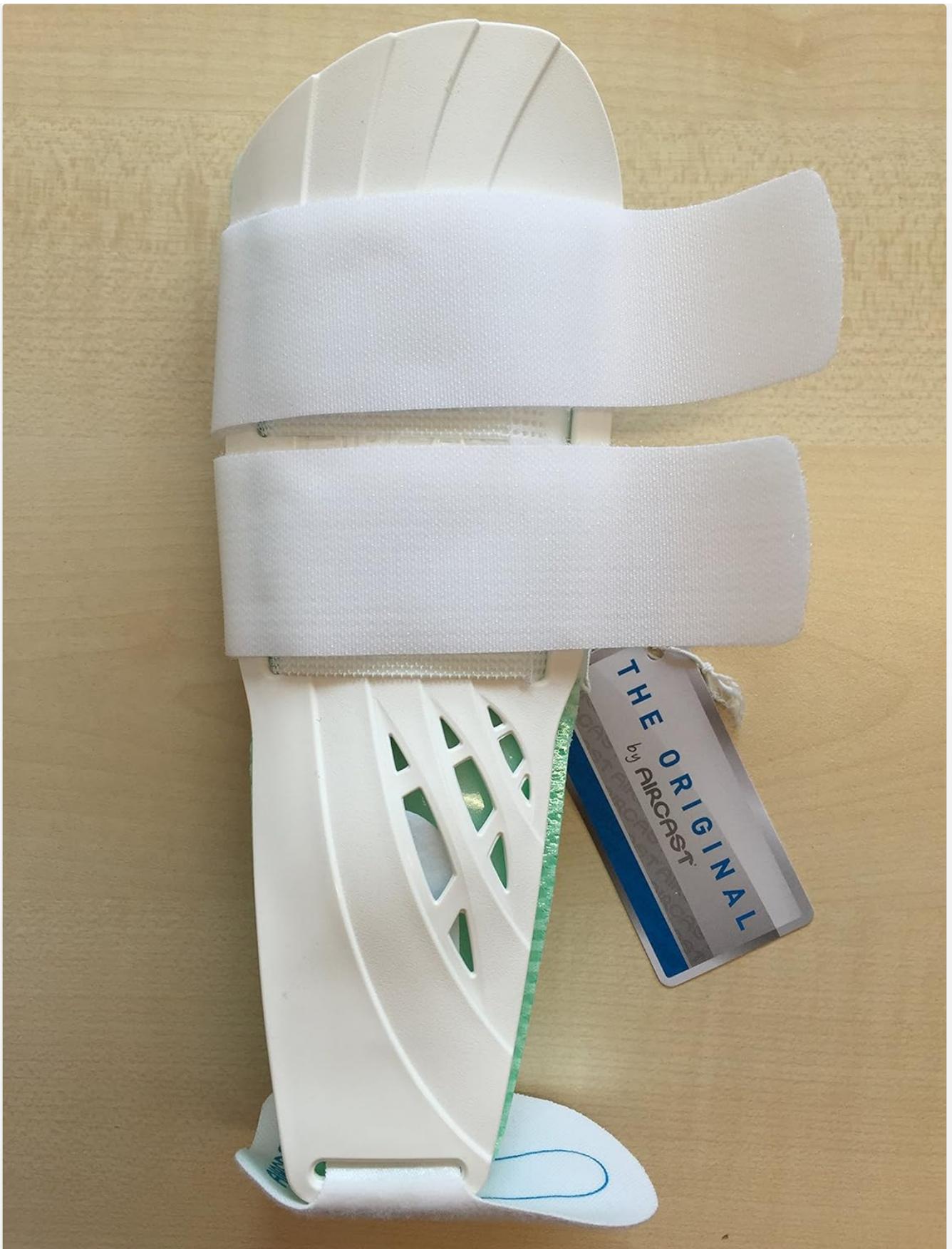


Figure 2: The AIRCAST Air Stirrup II ankle brace, removed from its packaging, showing the white rigid shells, green breathable lining, and two wide hook-and-loop straps.

4. SETUP AND APPLICATION

Follow these steps to properly set up and apply your AIRCAST Air Stirrup II ankle brace:

1. **Prepare the Brace:** Ensure the brace is clean and free of debris. Identify the correct brace for your left or right ankle (if applicable, as this model is "Gauche" for Left).
2. **Position the Brace:** Sit down and place your foot flat on the floor. Position the brace around your ankle so that the rigid shells are on either side of your ankle, with the narrower part of the shells pointing downwards towards your foot. The bottom of the brace should align with the bottom of your heel.
3. **Secure the Straps:**
 - Pass the lower strap through its designated loop or guide on the opposite side of the brace.
 - Pull the strap firmly but comfortably to secure the lower part of the brace around your ankle. Fasten the hook-and-loop closure.
 - Repeat the process for the upper strap, ensuring it is also snug but not overly tight.
4. **Adjust for Comfort:** Stand up and walk a few steps to assess the fit. The brace should feel secure and supportive without causing discomfort, pinching, or restricting blood flow. Adjust the straps as needed.
5. **Wear with Footwear:** The AIRCAST Air Stirrup II is designed to be worn inside most athletic or wide-fitting shoes. Ensure your shoe accommodates the brace comfortably without excessive pressure points.

5. OPERATING AND USAGE

Once applied, the AIRCAST Air Stirrup II provides continuous support and compression. The patented Duplex air cushions are designed to provide pulsed compression during movement, aiding in swelling reduction and promoting healing.

- Wear the brace for the duration recommended by your healthcare professional.
- Periodically check the fit of the brace throughout the day, especially if swelling changes. Readjust straps if necessary to maintain optimal support and comfort.
- Avoid activities that put excessive strain on your ankle unless specifically cleared by your doctor.

6. CARE AND MAINTENANCE

Proper care will extend the life of your AIRCAST Air Stirrup II brace:

- **Cleaning:** Hand wash the brace with mild soap and cold water. Do not use harsh detergents, bleach, or fabric softeners.
- **Drying:** Air dry thoroughly. Do not machine wash, tumble dry, iron, or dry clean. Ensure the brace is completely dry before re-applying.
- **Storage:** Store the brace in a clean, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect the brace for any signs of wear, damage, or degradation of materials, especially the straps and air cushions.

7. TROUBLESHOOTING

If you encounter any issues with your AIRCAST Air Stirrup II, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Brace feels too tight or causes discomfort.	Straps are overtightened; swelling has increased.	Loosen the straps slightly. If swelling is significant, consult your healthcare professional.

Problem	Possible Cause	Solution
Brace feels too loose or slips.	Straps are not tight enough; swelling has decreased.	Tighten the straps. Ensure the brace is positioned correctly on the ankle.
Air cushions do not feel adequately supportive or seem to lose air.	Possible air leak or damage to the air cushion.	Inspect the air cushions for punctures or damage. If damaged, the brace may need replacement. Contact customer support.
Adhesive on straps or pads is detaching.	Wear and tear; exposure to heat or moisture.	This may affect the brace's ability to stay taut. If the brace can no longer be securely fastened, it may need replacement.

If the problem persists or is not listed here, please contact AIRCAST customer support or your healthcare provider.

8. SPECIFICATIONS

- **Model:** 02VLL
- **Brand:** AIRCAST
- **Dimensions (L x W x H):** 11 x 7 x 29 cm (4.3 x 2.8 x 11.4 inches)
- **Weight:** 240 grams (0.53 lbs)
- **Material:** Microfiber (for lining/padding), rigid shells (material not specified, typically plastic)
- **Color:** White
- **Age Range:** Adult
- **Specific Uses:** Ankle sprain, Swelling
- **Closure Type:** Hook-and-loop (Velcro)
- **Manufacturer:** DJO Deutschland GmbH
- **Country of Origin:** Germany

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, returns, or technical support for your AIRCAST Air Stirrup II ankle brace, please contact the retailer from whom you purchased the product or the manufacturer directly.

Manufacturer: DJO Deutschland GmbH

Please have your product model number (02VLL) and purchase details ready when contacting support.

