AIRCAST®

# AIRSELECT™

## THE ULTIMATE COMBINATION

DESIGNED FOR COMFORT + ENGINEERED FOR HEALING

DJO™ GLOBAL

**AIRSELECT™**

# THE ULTIMATE COMBINATION

DESIGNED FOR COMFORT + ENGINEERED FOR HEALING

AirSelect puts comfort, control and healing in the hands of the patient with the most-advanced pneumatic walking boot available. Beneath its sleek appearance are patented technological advances that work together to enhance treatment and improve outcomes. The integrated inflation system lets patients inflate each aircell individually, to maximise comfort and minimise edema. SoftStrike technology absorbs and dissipates shock, while the light weight, lab-tested rocker sole encourages a natural gait allowing a continuation of everyday activities. AirSelect offers superior comfort and faster healing.[1, 2]

That's the ultimate combination!

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Our lightest Aircast walking boot ever, AirSelect brings clinically tested innovations that improve comfort, compliance, and outcomes. No other walking boot offers more.

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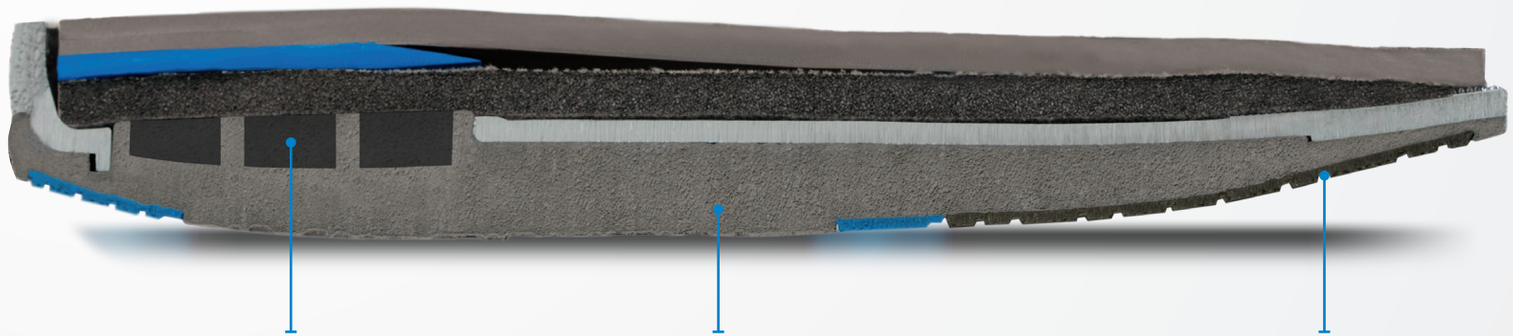
TESTED IN A GAIT LAB

# PROVEN IN THE REAL WORLD

# SoftStrike Technology

A patented grid design puts a matrix of shock-absorbing material in direct contact with the heel, providing structured cushioning that reduces heel loading and helps prevent impact-related stresses.[3]



Heel strike is absorbed and dissipated by the patented SoftStrike technology.

Mid-stance section is designed to minimise hip differential and knee flexion movement.[3]

Toe-off section continues the rocking motion, enhancing mobility for the continuation of everyday tasks.

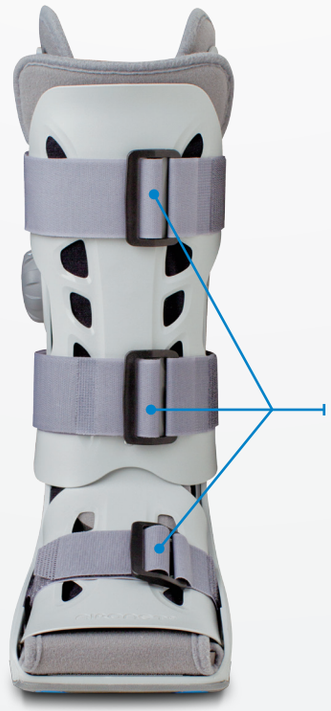
Non-marking, skid resistant rubber tread for greater traction and longer wear.


Low-profile rocker sole enables a normal walking gait with less forefoot angulation, preventing excessive hyperextension of the knee.[3]


THE LIGHTEST
FULL-SHELL WALKING BOOT AVAILABLE

# Ultra Light Technology

Semi-rigid shell has structurally engineered vents that maximise airflow and minimise mass, without compromising support.

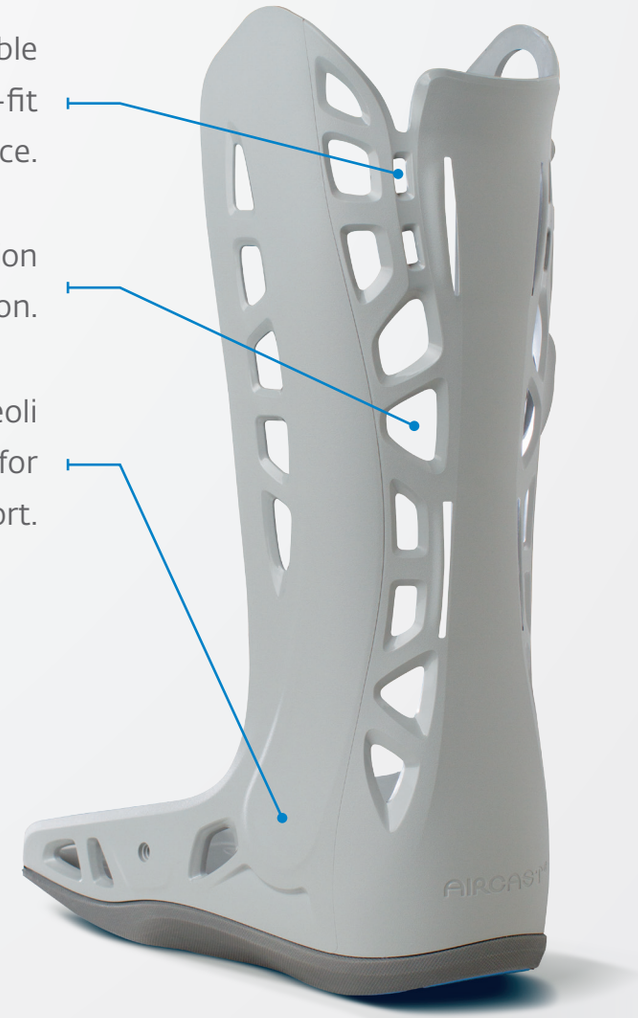


Three-strap system disperses pressure evenly and helps reduce pooling of edema.

Trimmable and heat-moldable semi-rigid shell for a custom-fit and better patient compliance.

Sleek, open-frame design for ventilation and maximum patient protection.

Shell contours around the malleoli to help eliminate pressure for sustained comfort.



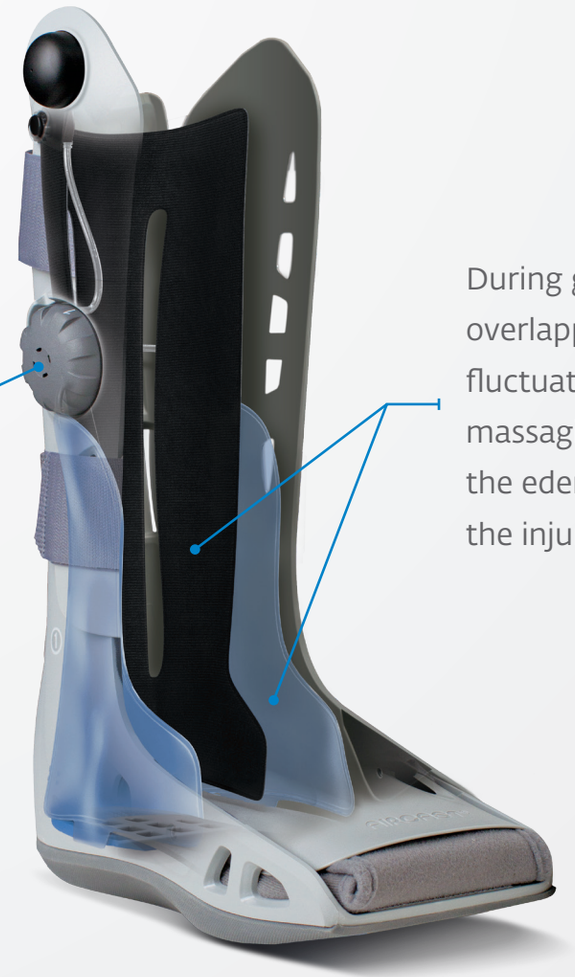
# INTEGRATED INFLATION SYSTEM

## PUTS THE PATIENT IN CONTROL FOR AN INDIVIDUALISED FIT

# Duplex™ Technology

Multiple aircells are layered within the semi-rigid shell to provide pulsating compression with each step. This design is clinically proven to reduce edema 3x faster, relieve pain, and speed healing.[1, 2]

Fully integrated inflation technology permits quick and easy customisation.



During gait process, the overlapping aircells start to fluctuate – resulting in a massaging motion that milks the edema up and away from the injured area.

THREE WAYS TO GET THE ULTIMATE IN

# COMFORT AND HEALING

## AIRSELECT™ ELITE

- The most-advanced walking boot, engineered to provide the ultimate in protection, comfort, and edema control.
- Specifically designed for stable fractures of the lower leg, foot, and ankle; severe ankle sprains; and post-operative use. Clinically proven effective in healing fractures and managing edema.[1, 2]
- Overlapping posterior and distal Duplex aircells provide intermittent compression, reducing edema 3x faster.[2]
- Pre-inflated front panel aircell and custom inflation system provides a full-contact fit.
- Enclosed toe cover provides protection from hazards and the elements.

## AIRSELECT™ STANDARD

- For moderate level of support in an economical model.
- Specifically designed for stable fractures of the lower leg, foot, and ankle; severe ankle sprains; and post-operative use.
- Two customisable distal aircells.

## AIRSELECT™ SHORT

- For moderate level of support for foot injuries.
- Specifically designed for metatarsal fracture, forefoot and mid-foot injury, acute or post-operative use, bunionectomy, and soft tissue injury.
- Pre-inflated front panel aircell with two customisable distal aircells.

AIRCAST®



| AirSelect™ Elite | | | | | |
|---|---|---|---|---|---|
| **P/N** | **SHOE SIZE** | | | | **SIZES** |
| | AU MALE | AU FEMALE | US MALE | US FEMALE | |
| 01EP-XS | Up to 3 | Up to 5 | Up to 4 | Up to 5 | XSmall |
| 01EP-S | 3-6 | 5-8 | 4-7 | 5-8 | Small |
| 01EP-M | 6-9 | 8-11 | 7-10 | 8-11 | Medium |
| 01EP-L | 9-12 | 11-15 | 10-13 | 11-15 | Large |
| 01EP-XL | 12+ | 15+ | 13+ | 15+ | XLarge |
| **AirSelect™ Standard** | | | | | |
| 01EF-XS | Up to 3 | Up to 5 | Up to 4 | Up to 5 | XSmall |
| 01EF-S | 3-6 | 5-8 | 4-7 | 5-8 | Small |
| 01EF-M | 6-9 | 8-11 | 7-10 | 8-11 | Medium |
| 01EF-L | 9-12 | 11-15 | 10-13 | 11-15 | Large |
| 01EF-XL | 12+ | 15+ | 13+ | 15+ | XLarge |
| **AirSelect™ Short** | | | | | |
| 01ES-XS | Up to 3 | Up to 5 | Up to 4 | Up to 5 | XSmall |
| 01ES-S | 3-6 | 5-8 | 4-7 | 5-8 | Small |
| 01ES-M | 6-9 | 8-11 | 7-10 | 8-11 | Medium |
| 01ES-L | 9-12 | 11-15 | 10-13 | 11-15 | Large |
| 01ES-XL | 12+ | 15+ | 13+ | 15+ | XLarge |

## Clinical References


1. **"Conservative Therapy for Acute Lateral Ligament Lesions – Single Chamber vs. Two-Chamber Orthosis Systems"** (Schmidt, Mainers, Reintges, Lipke, Benesch, Gerngross- Surgery Dept of the Federal Arm Hospital, Ulm, Germany, 1999) *compares the effectiveness of a dual aircell orthosis vs a single aircell boot system in reducing swelling 3x faster of the injured ankle.*

2. **"A New Concept in Fracture Immobilization"** (Paul A. Dale, MD, James T. Bronk, Michael E. O'Sullivan, F.R.C.S.I., Edmund Y. S. Chao, PhD., and Patrick J. Kelly, M.D.) *shows the benefits of pressurized braces on healing in the lower leg. Only Aircast Walking Braces combine the benefits of aircells and semi-rigid shells, providing a superior environment promoting faster healing.*

3. **"A Preliminary Comparison of the Moments and Movements of the Knee and Hip Joints during walking when using three design of walking boots compared to normal footwear"** (Richards J, The Movement Analysis Laboratory School of Public Health and Clinical Sciences UCLan Preston). *Study identifies potential biomechanical issues when using a competitive boot that could cause concern to clinicians who commonly prescribe walking boots.*

4. **"The Aircast Walking Brace versus Conventional Casting Methods"** (Kalish SR, Pelcovitz N, Zawada S, et al) *shows the efficacy of an Aircast Walking Brace in diminishing muscle atrophy during the length of treatment.*

5. **"Pneumatic Bracing and Total Contact Casting Have Equivocal Effects on Plantar Pressure Relief"** (Hartsell HD, Fellner C, Saltzman CL) *indicates that our walking brace provides pressure reduction equal to a total contact cast.*

6. **"A Comparison Study of Plantar Foot Pressure in a Standardized Shoe, Total Contact Cast and Prefabricated Pneumatic Walking Brace"** (Baumhauer JF, Wervey R, McWilliams J, et al) *shows how a pneumatic walking brace is a viable alternative for plantar ulcer treatment.*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DJO Global | PO Box 2057 | Normanhurst | NSW 2076 | AUSTRALIA

**www.DJOglobal.eu**

*Together in Motion*™