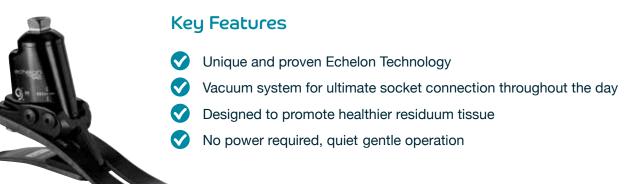


EchelonVAC combines Echelon Technology with an elevated vacuum system for optimal socket connection.

With each step, the user presses their weight into the prosthesis, initially expelling air through a one-way valve. Simultaneously the ankle plantarflexes, actively drawing air out of the socket. This air is held in the vacuum chamber and expelled through a secondary one-way valve as the tibia progresses and the ankle dorsiflexes. The elevated vacuum reduces relative movement and helps to maintain limb volume, improving proprioception and control of the prosthesis.







Unique and Proven Echelon Technology

EchelonVAC encompasses all the unique features of Echelon – the original hydraulic ankle. For over a decade, the Echelon range has provided users with clinically proven technology and is a popular choice worldwide.

E-Carbon Foot Spring Technology

This not only provides excellent energy storing and release properties but also works in harmony with the range of movement in the ankle to provide a natural and comfortable walking experience.

Natural Motion & Control

When walking up slopes, the additional range allows the body to move forward over the foot, reducing energy requirements by making rollover easier. When walking down slopes, the foot complies with the slope without forcing the leg forward, allowing for a more controlled descent.

Hydraulic Ankle Technology

Hydraulic damping and foot springs produce a visco-elastic response that simulates the behaviour of muscles by storing energy and releasing it at the right time. When compared to non-hydraulic ankles⁺, this technology is clinically proven to provide higher levels of comfort and safety, more natural walking, more balanced limb loading and overall greater patient satisfaction.

Technical Specification

Max User Weight125kgActivity Level3AK/BKBoth

Size Range 22-30 (sizes 25-27 available in Narrow and Wide)

Component Weight 700g without foot shell

Build Height Sizes 22-24: 121mm/Sizes 25-26: 126mm/ Sizes 27-30: 131mm

Heel Height 10mm

Hydraulic Range

of Movement

9° (3°DF/6°PF)

WaterproofNoWeatherproofYesProduct Code/NumberEVACSandal Toe Foot ShellYes

Warranty* 36 months

Adaptors Foot has proximal male pyramid

Order Example

Product Code	Size	Side	Width*	Spring Set	Sandal Toe
EVAC	25	L	N	3	S

^{*}Narrow (N) and Wide (W) available for sizes 25-27 only. For dark tone add suffix D. Example: foot size 25, left, narrow, spring rating 3, sandal toe.

Accessories

Alignment Wedge 940093
DF/PF Adjuster Key 940236
Socket Connection Kit 409663
Check Valve Service Kit 409863



^{*}Clinical studies, latest research papers and full references available on our website: https://www.blatchford.co.uk/prosthetics/professionals/clinical-avidence/

^{*}Foot shell 12 months, glide sock 3 months