



## AvalonK2<sup>VAC</sup> Datasheet

AvalonK2VAC combines the AvalonK2 hydraulic ankle with an elevated vacuum system to deliver a natural movement with optimal socket connection.

AvalonK2VAC is specifically designed for lower activity users and with the use of hydraulic technology and an optimised keel, prioritises security and stability. By introducing elevated vacuum, users can experience greater comfort and control throughout the day with reduced relative movement and skin breakdown.



### Key Features

- ✓ Hydraulic ankle technology
- ✓ Optimised keel shape for improved stability
- ✓ Vacuum system for optimal socket connection throughout the day
- ✓ Designed to promote healthier residuum tissue



## Proven Benefits of Hydraulic Ankle Technology

- Increased ground clearance reducing risk of trips and falls
- Improved balance through self-alignment and standing support
- Improved control and safety on slope negotiation
- Improved kinetic gait symmetry
- Reduced loading on the residual limb
- Increased walking speed

## Proven Benefits of Elevated Vacuum

- Reduced volume fluctuations
- Reduced interface pressures
- Improved wound healing
- Reduced pistoning
- Improved gait symmetry, balance and reduced risk of falls
- Greater comfort and improved overall satisfaction

Clinical studies, latest research papers and full references available on our website:  
<https://www.blatchford.co.uk/prosthetics/professionals/>

## Technical Specification

<b>Max User Weight</b>	150kg
<b>Activity Level</b>	2
<b>Size Range</b>	24-30cm
<b>Component Weight</b>	583g (size 26cm without foot shell)
<b>Build Height</b>	122mm
<b>Heel Height</b>	10mm
<b>Hydraulic Range of Movement</b>	6° PF / 3° DF
<b>Waterproof</b>	No
<b>Weatherproof</b>	Yes
<b>Product Code / Number</b>	AVAC
<b>Sandal Toe Foot Shell</b>	Yes
<b>Warranty*</b>	24 Months
<b>Maximum Vacuum</b>	17”Hg

\*Foot shell 12 months, glide sock 3 months

## Order Example

Product Code	Size	Side
AVAC	25	L

For dark tone add suffix D  
 Foot example: AvalonK2VAC, size 25, left.

## Accessories

<b>DF/PF Adjuster Key</b>	940236
<b>Socket Connection Kit</b>	409663
<b>Check Valve Service Kit</b>	409863