



The Surgical Suction Hospivac BR (VM-SSHPBR), listed by the manufacturer as the New Hospivac BR, is a high-vacuum, high-flow surgical suction unit delivering 50 L/min at a maximum vacuum of -0.85 BAR (-85 kPa). It runs non-stop on 220-230V AC mains and has a rechargeable 12V 20A lead battery giving 250 minutes of autonomous use, with an 8-hour recharge time. An oilless, maintenance-free piston pump, energy-saving motor control and an electronic jar-to-jar changeover system are built in. The unit weighs 20 kg, measures 46 × 85 × 42cm on a wheeled stand, and is supplied with 2 × 2L or 2 × 5L autoclavable polycarbonate collection jars, autoclavable silicone tubing, antibacterial hydrophobic filters, a footswitch and a power cord. It is CE certified (CE 0123) and made in Italy. Available in South Africa from Vital Medical.

What Is a High-Vacuum, High-Flow Surgical Suction Unit?

A surgical suction unit removes blood, fluids and secretions from the surgical field or airway so that the clinician can see and work clearly. The Hospivac BR (VM-SSHPBR) operates in HIGH VACUUM / HIGH FLOW mode, delivering 50 L/min at a maximum vacuum of -0.85 BAR (-85 kPa). This performance suits operating theatre and emergency use, where rapid, powerful aspiration is needed. Its oilless piston pump is maintenance-free and needs no lubrication servicing, and mains operation is non-stop.

Battery Backup, Energy Saving and Jar Changeover

The Hospivac BR runs continuously on 220–230V AC mains. When mains power is unavailable, its internal rechargeable lead battery (12V 20A) provides 250 minutes of autonomous suction, which is more than 4 hours of uninterrupted operation, and recharges in 8 hours. This suits South African facilities where power continuity cannot be guaranteed. An energy-saving function uses a pressure sensor on the PCB to cut motor speed by 50% when the unit is switched on but not aspirating, which extends battery autonomy and reduces noise. An electronic jar-to-jar changeover system switches collection automatically to the second jar when the first is full, so suction is not interrupted mid-procedure.

Accessories, Applications and Supply in South Africa

The Hospivac BR is CE certified (CE 0123) and made in Italy. It is supplied with two liquid collection jars (2L or 5L polycarbonate options), two sets of 150cm autoclavable silicone tubes, conical connectors, two antibacterial hydrophobic filters (single-patient), a footswitch and a power cord. Applications include emergency departments, neurosurgery, general surgery, obstetrics, gynaecology, operating theatres, liposuction and dental practice. Available in South Africa from Vital Medical. Hospitals, clinics and surgical facilities can request a free quote through the Vital Medical website and receive a personalised response within 24 hours.

TECHNICAL SPECIFICATIONS TABLE

Specification	Detail
SKU	VM-SSHPBR
Model	New Hospivac BR
Flow Rate	50 L/min
Maximum Vacuum	-0.85 BAR (-85 kPa / -637.5 mmHg)
Classification	HIGH VACUUM / HIGH FLOW
Pump	Oiless, maintenance-free piston pump
Power	220-230V AC/DC with internal adapter
Absorbed Power	90VA
Duty Cycle (Mains)	Non-stop
Battery	Rechargeable Pb 12V 20A
Battery Autonomy	250 minutes
Battery Recharge Time	8 hours
Energy Saving	50% motor speed reduction when idle
Jar Changeover	Electronic, automatic
Collection Jars	2 × 2L or 2 × 5L autoclavable (polycarbonate Makrolon 2858)
Tubing	2 sets of autoclavable silicone tubes, 150cm
Filters	2 antibacterial hydrophobic filters (single-patient)
Other Included Items	Conical connectors, footswitch, power cord
Weight	20 kg
Dimensions	46 × 85 × 42cm, wheeled stand
Origin	Made in Italy
Quality Standard	CE 0123

SKU: VM-SSHPBR