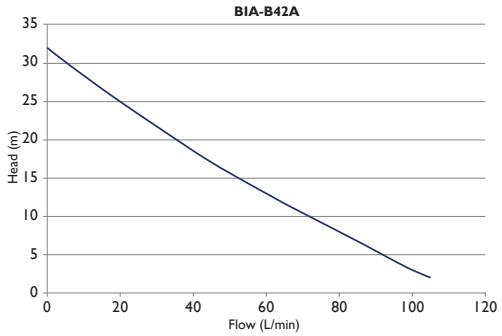
PRODUCT PROFILE
BIANCO RAINSAVER MK5
RS5-B42AMPC2 - *800406*



The RAINSAVERMK5 is an Automatic Rainwater / Mains Water Changeover Device designed to provide automatic mains backup for Pressure Pump supply systems.
The RAINSAVERMK5 is designed to be installed in conjunction with a Pressure Pump supply system that is fitted with an independent pressure and flow controller with loss of prime protection and 24 hour auto restart.
No need for float switch.

RainsaverMK5 General Specifications:
Maximum water temperature (mains + pump): 40°C
Maximum recommended continuous pump flow: 120 l/m
Maximum recommended mains inlet pressure or pump pressure: 1000 kPa
2 year Rainsaver MK5 warranty, see installation and operating manual for details
WaterMark approved components
AS/NZS 4020 Approved for Drinking Water

Operation:
The RAINSAVERMK5 supplies clean rainwater from a rainwater tank via an automatic pressure system pump to toilets, laundry and garden taps in a household.
Mains water is also connected to the RAINSAVERMK5 as an automatic back up should rain water level be too low, or if there is a power failure.



The RS5-B42AMPC2 Package:
- Bianco B42AMPC2 submersible pressure system pump with auto-restart pump controller
- Bianco RAINSAVERMK5 automatic Rainwater / Mains Change-over Device
- Bianco RAINSAVERMK5 to operate with mains pressure up to 1000 kPa (145 psi)
- Suits pump flows to 100 litres per minute
- Incorporates a 24 hour automatic pump restart
- WaterMark approved components for connection to town water supplies. Safe against waterborne bacteria, dezincification and lead poisoning
- Australian owned and designed
- The pump regulates flow and pressure and protects itself against voltage fluctuations and loss of water
- The Bianco RAINSAVERMK5 can operate without power and can be located any distance from the pump, and even inside the rain water tank.

Pressure System Pump Specifications BIA-B42AMPC2
The pump is a submersible pressure system pump supplied wired and ready to install. The submersible pump is mounted inside the rain water tank for silent operation. Used especially for supplying water to domestic installations.

The pump is characterised by:
Automatic electronic pump control, plug and play
Automatic electronic control provides run dry protection and constant pressure at low flows. Automatic electronic control has built-in check valve and auto restart.
Corrosion resistant pump body, diffuser and impeller.
Mechanical shaft seal.
240V single phase TEFC motor with in-built auto reset thermal overload
83mm elevated suction with algae proof slotted strainer

BIA-B42AMPC2 Electrical data:

Rated Voltage:	240V
Mains frequency:	50 Hz
Power output:	550W
Current:	4.0 amps
Capacitor:	20 uF
Motor duty:	Continuous
Motor type:	Asyncronous, TEFC
Motor protection:	In-built thermal overload
Ingress protection:	IP68
Insulation class:	F
Power cable length:	10 m
Net weight:	12 kg

Performance:

Maximum flow:	105 litres per minute (10 taps)
Maximum pressure:	320 kPa

General:

Clean water temperature range:	2 – 35°C
Materials:	
Pump body	Technopolymer
Diffuser and impeller	Technopolymer
Dual Mechanical seals	Carbon/Ceramic/Nitrile on motor side Silicon Carbide/Ceramic/Nitrile on pump side (Both in oil bath)

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