



The RAINSAVERMK4E is an Automatic Rainwater / Mains Water Changeover Device designed to provide automatic mains back up for Pressure Pump supply systems. The RAINSAVERMK4E 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.

Rainsaver MK4E General Specifications:

Maximum water temperature (mains + pump): 40°C
 Maximum recommended continuous pump flow: 100 l/m
 Maximum recommended pump pressure: 800 kPa
 Maximum recommended mains inlet pressure: 800 kPa
 Low voltage float switch output 12V
 Low voltage float switch cable 10 metres
 Option of “finger” or “bladder” type float switch
 Power supply lead 2 metres
 2 year in-field warranty, see installation and operating manual for details
 WaterMark Level 1 Certification to AT5200.477:2006, License No. 23022.



Specifications – BIA-BHM5-6MPCX

The pump is a horizontal multistage pressure system pump supplied wired and ready to install. Used especially for supplying water to domestic installations.

The pump is characterised by:

- Automatic electronic pump control fitted and wired.
- Automatic electronic control provides run dry protection and constant pressure at low flows.
- Automatic electronic control has auto restart and in-built check valve.
- Corrosion resistant pump body, diffuser and impeller.
- Mechanical shaft seal.
- Stainless Steel barrel union
- Comes complete with plug and play leads.
- 240V single phase TEFC motor with in-built auto reset thermal overload.
- Flows to 100 l/m
- Heads to 59m
- 10m 12V low voltage float kit

The RS4E-BHM5-6MPCX Package

- BIANCO BHM5-6MPCX pressure system pump with auto restart controller
- Bianco Rainsaver MK4E automatic mains/changeover device
- Barrel unions and ‘torque set’ safety spanner are included for installation. It’s impossible to over tighten when using the safety spanner.
- Incorporate a 24 hour automatic pump restart
- Watermark approved for connections to all Town Water supplies. Safe against waterborne bacteria, dezincification and lead poisoning.
- Auxiliary outlet allows for water storage pressure vessels to reduce pump starts.
- Revolutionary mono channel design does not restrict flow or reduce pressures, eliminates any possibility of water leaks.
- Easy to clean, pump and town inlet strainers are included to prevent blockages in dishwashers, washing machines, sprinklers etc
- Australian Owned and designed
- The pump regulates flow and pressure and protects itself against voltage fluctuations and loss of water.
- **AS/NZS4020 Drinking Water Approved**

Operation:

The RAINSAVERMK4E 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 RAINSAVERMK4E as an automatic back up should rain water level be too low, or if there is a power or pump* failure.

*Should there be a pump failure, mains back up is achieved by turning the RAINSAVERMK4E off at the power point.

The low voltage float switch prevents the pump from running dry and allows automatic switch over to mains supply should the rain water level in the tank be too low.

BIA-BHM5-6MPCX Electrical Data

Rated voltage: 240V
 Rated output: 1.3kW
 Capacitor: 40uF

Mains frequency: 50 Hz
 Current: 8.7 amps
 Motor duty: Continuous

Motor type: Asynchronous, TEFC

Motor protection: In-built thermal overload

Ingress protection: IP 55 Insulation class: F

Liquid: Clean water temperature range: 2-50 °C

Materials:

Pump body, Diffuser, Impeller: Stainless Steel

Mechanical seal: Carbon/Ceramic/Nitrile, O rings: Nitrile

Installation:

Maximum ambient temperature: 50 °C

Maximum operating pressure: 8 bar

Pipe connections suction/discharge: 1.1/4” BSP F / 1” BSP M

Power cable length: 1.2 m H07RNF

Gross weight: 20 kg

Pump Dimensions: 446 x 178 x 385 mm (L x W x H)

2 Year In-Field Rainsaver Warranty - AUSTRALIA Only