



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.

General Specifications:

- Controls pumps to a maximum 1.5 hp, 1.1 kW 240V.
- 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” type float switch
- Power supply lead 2 metres

2 Year In-Field Rainsaver Warranty - AUSTRALIA Only
excludes pump when sold separately

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 supplied 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.



WaterMark
 WaterMark Level I Certification to
 ATSS200.477:2006,
 License No. 23022.



The pump is a self-priming surface mounted pressure system pump supplied with plug and play leads (IEC type). The self-priming ability provides excellent suction capacity of up to 9m. Used especially for supplying water to domestic installations.

The pump is characterised by:

- Automatic electronic pump control fitted and wired with plug and play leads so a licensed electrician is not required during installation.
- Includes fully electronic pump controller for automatic pump starting, stopping and restart after power loss and water loss.
- Run dry protection to prevent pump damage
- Automatic electronic control has in-built check valve to prevent water backflow through the pump.
- Corrosion resistant pump body, diffuser and impeller to ensure pump durability
- High quality mechanical shaft seal and high quality bearings
- 240V single phase TEFC motor with in-built auto reset thermal overload to prevent the pump from overheating.

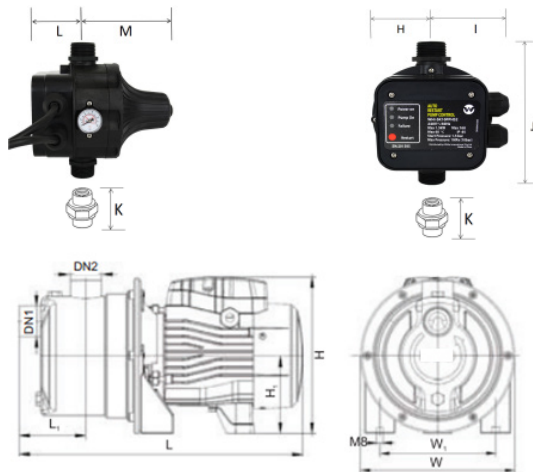
Applications

- Used especially for supplying water to domestic installations and applications where a suction lift is required.

Package Information

- 11.5 kg
- L 420mm x W 230mm x H 460mm

Liquid:	Electrical data:
Liquid Type: Clean Water Clean water temperature range: 2 – 40°C	Rated voltage: 220 (-6%) -240V (+6%) Mains frequency: 50 Hz P2 (kW): 0.9 (Shaft Power)
Materials:	Current: 6 amps Capacitor: 25 uF Motor duty: Continuous Motor type: Asynchronous, TEFC Motor protection: In-built thermal overload Ingress protection: IP X4
Pump body, Impeller: Stainless Steel 304, Jet/Venturi, Diffuser :Noryl Glass Reinforced Mechanical seal: Carbon/Ceramic/Nitrile O rings: Nitrile Power Cable: 2m Cable H05 3G1.0	Insulation class: F Net weight: 13 kg
Installation:	Hydraulic Data:
Maximum ambient temperature: 40oC Maximum operating pressure: 6 bar Pipe connections suction/discharge: 1" BSPF / 1" BSPM Dimensions: 420mm L x 460mm H x 230mm W	Max Head: 46m Max Flow: 68 l/min Number taps: 6



DN1	DN2	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
1"	1"	376	200	214	88.5	140	107

H (mm)	I (mm)	J (mm)	K (mm)	L (mm)	M (mm)
64	81	177	70	62	116

