The RAINSAVER MK4E is an Automatic Rainwater / Mains Water Changeover Device designed to provide automatic mains back up for Pressure Pump supply systems.

The RAINSAVER MK4E 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

**Operation:**
- The RAINSAVER MK4E 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 RAINSAVER MK4E as an automatic back up should rain water level be too low, or if there is a power or pump failure.

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

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**WaterMark Level 1 Certification to ATSS200.477:2006, License No. 23022.**
PRODUCT PROFILE
ELECTRONIC PRESSURE SYSTEM
BIA-INOXG60MPCX - 802818

The pump is a surface mounted pressure system pump supplied ready to install.

The pump is characterised by:
- 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
- Suitable for small scale garden irrigation and tank transfer.
- The unit must be used in flooded suction applications only.

Package Information
- 8 kg
- L 400mm x W 235 mm x H 445mm

<table>
<thead>
<tr>
<th>Liquid:</th>
<th>Electrical data:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid Type: Clean Water</td>
<td>Rated voltage: 220 (-6%) - 240V (+6%)</td>
</tr>
<tr>
<td>Clean water temperature range: 2 – 40°C</td>
<td>Mains frequency: 50 Hz</td>
</tr>
<tr>
<td>Materials:</td>
<td>P2 (kW): 0.45 (Shaft Power)</td>
</tr>
<tr>
<td>Pump body: Stainless Steel 304</td>
<td>Current: 4 amps</td>
</tr>
<tr>
<td>Jet/Venturi, Diffuser, Impeller: Noryl Glass Reinforced</td>
<td>Capacitor: 16 uF</td>
</tr>
<tr>
<td>Mechanical seal: Carbon/Ceramic/Nitrile</td>
<td>Motor duty: Continuous</td>
</tr>
<tr>
<td>O rings: Nitrile</td>
<td>Motor type: Asynchronous, TEFC</td>
</tr>
<tr>
<td>Power Cable: 1.5m Cable H05 3G1.0</td>
<td>Motor protection: In-built thermal overload</td>
</tr>
<tr>
<td>Installation:</td>
<td>Ingress protection: IP X4</td>
</tr>
<tr>
<td>Maximum ambient temperature: 40°C</td>
<td>Insulation class: F</td>
</tr>
<tr>
<td>Maximum operating pressure: 6 bar</td>
<td>Hydraulic Data:</td>
</tr>
<tr>
<td>Pipe connections suction/discharge: 1” BSPF / 1” BSPM</td>
<td>Max Head: 37m</td>
</tr>
<tr>
<td></td>
<td>Max Flow: 55 l/min</td>
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<tr>
<td></td>
<td>Number taps: 5</td>
</tr>
</tbody>
</table>

![Liquid Diagram](image_url)

![Electrical Diagram](image_url)

![Hydraulic Diagram](image_url)

![Installation Diagram](image_url)

![Graph](image_url)