



PRODUCT DATA SHEET

RAINSAVER MK4E KIT

RS4E-ESYBOX • 805929



WaterMark

ATS5200.477:2006

License No. 23022



PRODUCT DETAILS

Leading the way in electronic pump technology, the EasyBox automatic pressurisation system is an easy solution in domestic water supply for maximum pressure.

Paired with a Rainsaver Mk4e electric automatic changeover device and installing a low-level float, this kit provides automatic mains backup for pressure-pump supply systems.

The integrated controller features dry-run protection. The Mk4e ensures high flow and aeration-proof operation, preventing aerated water entering the property.

APPLICATIONS

- Household water supply and pressure boosting
- Garden irrigation and commercial applications
- Water transfer and washing systems

PUMP FEATURES

- Self-priming with dry-run protection
- Variable frequency drive
- Smart controls with wireless connectivity
- Ultra-low noise down to 43dB
- High-resolution LCD display
- Flexible horizontal or vertical installation



PUMP TECHNICAL DATA

INPUT POWER	1.55kW P1
MAX. HEAD [M]	65 m
MAX. FLOW RATE	120 L/min
MAX. PRESSURE	System: 8 bar Operating: 6 bar
LIQUID TEMPERATURE	2 – 40°C
MAX. AMBIENT TEMP	≤ 50°C
MOTOR INSULATION	F Class
VESSEL PRESSURE	2bar pre-charge (default)
PROTECTION CLASS	IPX4

RATED VOLTAGE	220–240V 1ph 50Hz
NOMINAL CURRENT	10 A
PUMP BODY	Composite outer casing
INTERNALS	Technopolymer multi-impeller / diffusers
MECHANICAL SEAL	Silicon Carbide/Carbon
INLET	1" BSPF
OUTLET	1" BSPF
DIMENSIONS	263 (W) x 362 (D) x 564 (H) mm
WEIGHT	27 kg

Integrated 2-litre expansion tank protects against thermal fluctuations and reduces pump starts



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PRODUCT DETAILS

The RAINSAVER MK4E is an Automatic Rainwater / Mains-water Changeover Device designed to provide automatic mains backup for pressure-pump supply systems.

The RAINSAVER MK4E is designed to be installed with a pressure pump supply system that is fitted with an independent pressure and flow controller with loss-of-prime protection.

OPERATION

The RAINSAVER MK4E supplies clean rainwater from a rainwater tank via an automatic pressure-pump system to toilets, laundry and garden taps in a household.

Mains water is also connected to the RAINSAVER MK4E as an automatic backup should the rainwater level be too low, or if there is a power or pump failure.

SPECIFICATIONS

MAX. WATER TEMPERATURE	40°C (mains & pump)
MAX. RECOMMENDED PUMP FLOW	100L/min (continuous)
MAXIMUM PRESSURE RATING	800kPa (mains & pump)
LOW VOLTAGE SWITCH OUTPUT	12 V
LOW VOLTAGE SWITCH CABLE	10 m
POWER SUPPLY LEAD	2m 10A with 3-pin plug

Primary Operating Principle: The Mk4e has an electrically operated solenoid. Pump flows up to 100lpm. No mains pressure restriction.

DIMENSIONS

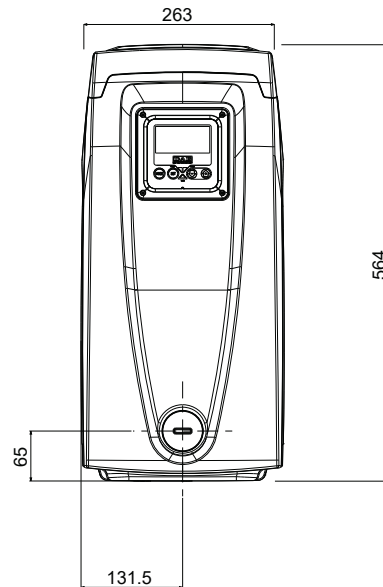


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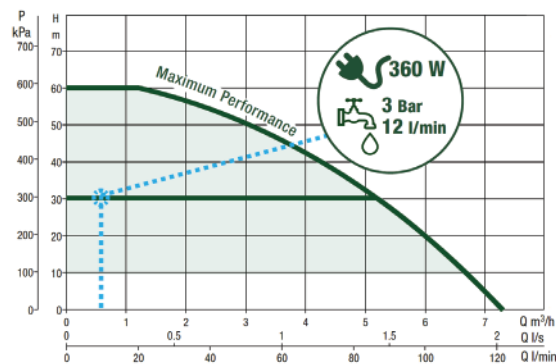
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DIMENSIONS



PUMP HYDRAULIC CURVE



RAINSAVER INSTALLATION

