



PRODUCT DATA SHEET

RAINSAVER MK6 KIT

RS6-ESYBOXMINI3 • 805930



WaterMark

ATS5200.477:2006

License No. 23022



PRODUCT DETAILS

EasyBox Mini³ is the DAB compact, self-priming, multistage, automatic pressurisation system for the water supply of a single dwelling.

Paired with a Rainsaver Mk6 automatic changeover device, this kit provides automatic mains backup for pressure-pump supply systems.

The integrated controller features dry-run protection. To prevent aerated water entering the property, a low-level float is recommended.

APPLICATIONS

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

PUMP FEATURES

- Better energy savings
- Easy adjustment display
- Constant pressure for maximum comfort
- Ultra-low noise down to 45dB
- Anti-freeze protection
- Compact design and built-in connectivity



PUMP TECHNICAL DATA

INPUT POWER	0.85kW P1
MAX. HEAD [M]	55 m
MAX. FLOW RATE	80 L/min
MAX. PRESSURE	System: 7.5 bar Operating: 5.5 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	4.8 A
PUMP BODY	Composite outer casing
INTERNALS	Triple technopolymer impeller / diffusers
MECHANICAL SEAL	Carbon-resin/Ceramic
INLET	1" BSPF
OUTLET	1" BSPF
PACKAGE DIMENSIONS	300 x 500 x 320mm
GROSS WEIGHT	14.6 kg

Integrated 1-litre expansion tank protects against thermal fluctuations and reduces pump starts



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PRODUCT DETAILS

The RAINSAVER MK6 is an Automatic Rainwater / Mains-water Changeover Device designed to provide automatic mains backup for pressure-pump supply systems.

The RAINSAVER MK6 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 and 24h auto-restart.

OPERATION

The RAINSAVER MK6 supplies clean rainwater from a rainwater tank via an automatic pressure-pump system to toilets, laundry and garden taps in a household.

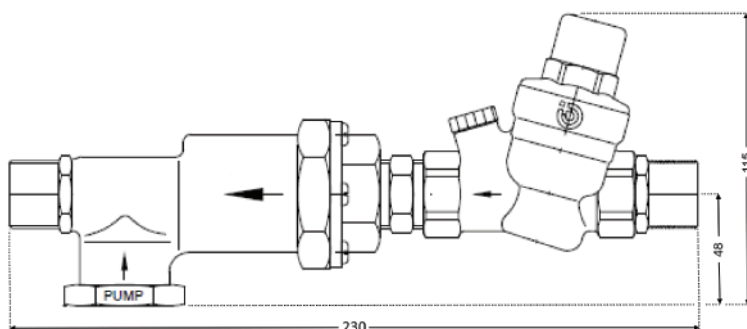
Mains water is also connected to the RAINSAVER MK6 as an automatic backup should the rainwater level be too low, or if there is a power or pump failure.

When the rainwater supply is replenished and auto-restart has commenced, or power is restored to the pump, the pump will pressurise the RAINSAVER MK6 and the unit will switch back automatically to supplying tank water.

Primary Operating Principle: The Mk6 operates according to hydraulic differential, but incorporates a pressure-limiting valve (300kPa). Supplied as part of a kitset, matched to a pump with the correct performance.

TECHNICAL DATA

MAX. RECOMMENDED PUMP FLOW	120 L/min
MAXIMUM PRESSURE RATING	1000 kPa
MAX. MAINS INLET PRESSURE	550 kPa
RATED PUMP FLOW RATE	Pump model dependent
MAX. WATER TEMPERATURE	40°C
MIN. WATER TEMPERATURE	≥ 4°C*
PUMP INLET	25mm 1" BSP F
MAINS WATER INLET	20mm 3/4" BSPM
OUTLET	20mm 3/4" BSPM
WEIGHT	0.5 kg
*Ensure proper protection against freezing weather	

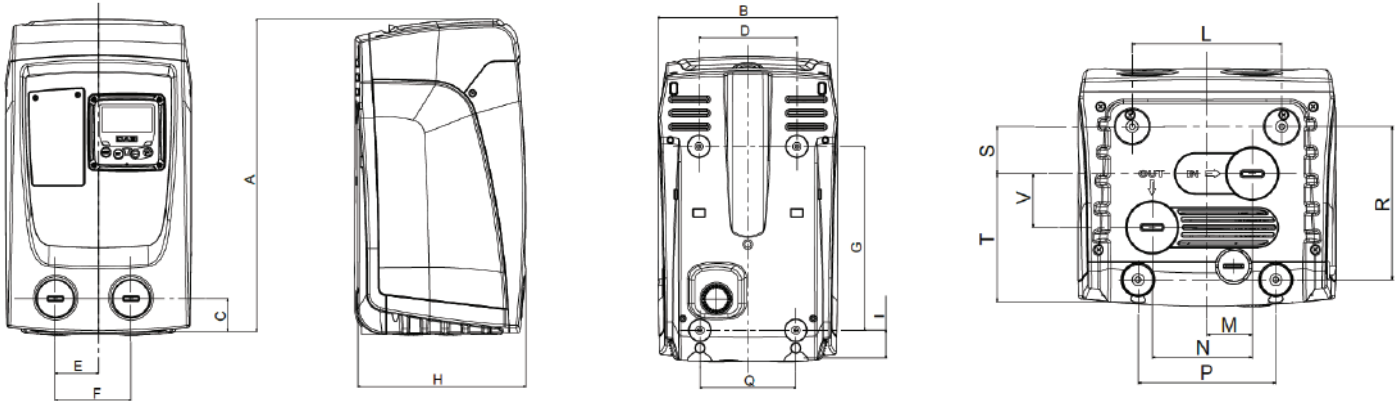


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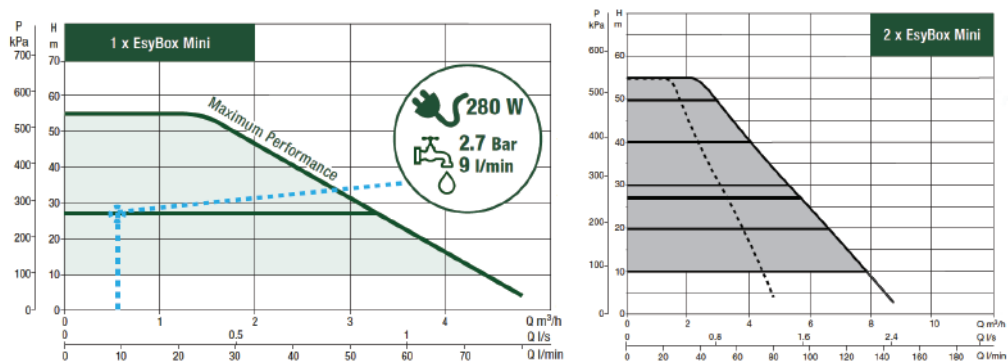
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DIMENSIONS



A	B	C	D	E	F	G	H	I	L	M	N	P	Q	R	S	T	V
439	263	46	143	60.7	106.7	279.5	236	40.5	152	46	101.7	140	140	155.5	47.8	133	54.5

PUMP HYDRAULIC CURVE



RAINSAVER INSTALLATION

