



WaterMark

ATS5200.477:2006

License No. 23022



PRODUCT DETAILS

The Bianco NXT AUTOSUB submersible pump is specially designed and manufactured for the rainwater industry.

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

The Mk4e ensures high flow and aeration-proof operation, preventing aerated water entering the household supply in the event of low water levels.

APPLICATIONS

- Household water supply
- Drinking water
- Gardening

PUMP FEATURES

- Compact
- Easy to install and use
- Automatic on/off
- Intelligent controller
- Dry-run protection
- Water-cooled motor



PUMP TECHNICAL DATA

RATED POWER (W)	750 W
MAX. FLOW [LPM]	100 L/min
MAX. FLOW [M3/H]	6 m³/h
MAX. HEAD [M]	45 m
MOTOR PROTECTION LEVEL	Class F
PROTECTION CLASS	IPX8
WORKING TEMPERATURE	-5 – 40°C
LIQUID TEMPERATURE	3 – 35°C
MAX. DIVING DEPTH	7 m
MAX. DIA. OF PARTICLE	1 mm
MOTOR	Heavy Copper winding

RATED VOLTAGE	220 – 240V
RATED CURRENT	5.3A @ 230V
POWER CABLE TYPE	H07RN-F
LENGTH OF POWER CABLE	10 m
PROTECTION CLASS	IPX8
IMPELLERS	4
OUTLET	1" BSPF
PACKAGE DIMENSIONS	350 x 240 x 540mm
GROSS WEIGHT (KG)	12 kg
AUTOMATION FUNCTION	iSENSOR Auto Control + Fixed Arm Float Switch
CUT-IN PRESSURE	2.5 bar



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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



PRODUCT DATA SHEET

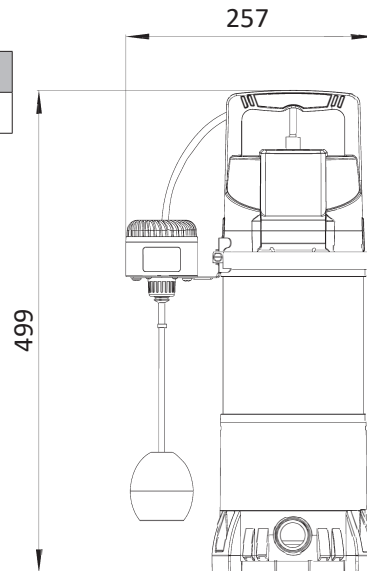
RAINSAVER MK4E KIT

RS4E-AUTOSUB • 810560

DIMENSIONS

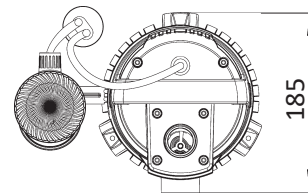
DIMENSIONS (mm)

257 x 499

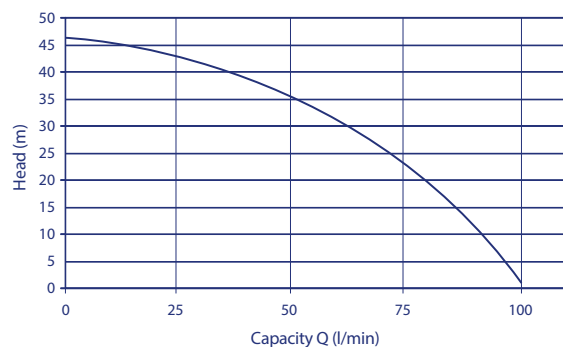


DIAMETER (mm)

185



PUMP HYDRAULIC CURVE



BIA-AUTOSUB & BIA-AUTOSUBX

RAINSAVER INSTALLATION

