



WaterMark

ATS5200.477:2006

License No. 23022



IPX8



PRODUCT DETAILS

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

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

The low-level control float on the pump prevents 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 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.

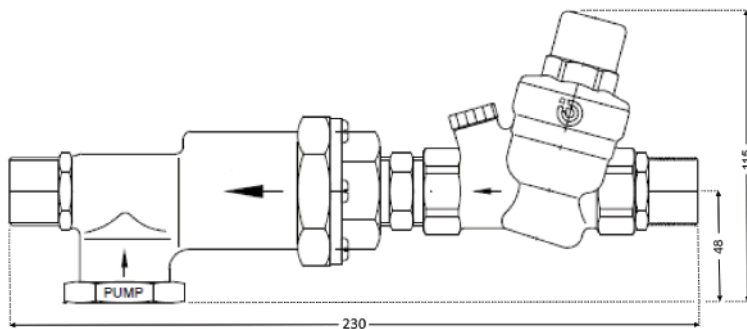
Mains water is also connected to the RAINSAVER MK6 as an automatic backup should the rainwater level be too low, or if there is a power or pump failure.

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 (200kPa). 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	



PRODUCT DATA SHEET

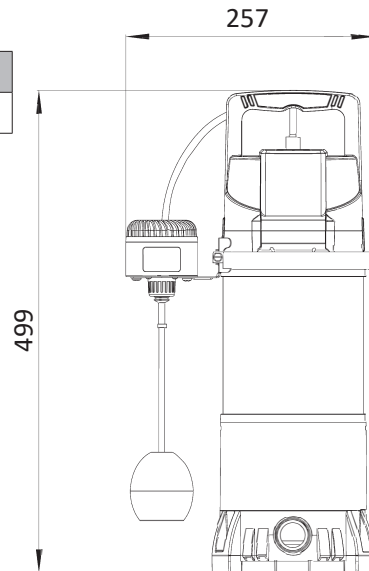
RAINSAVER MK6 KIT

RS6-AUTOSUB • 810559

DIMENSIONS

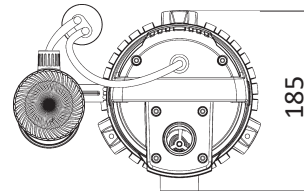
DIMENSIONS (mm)

257 x 499

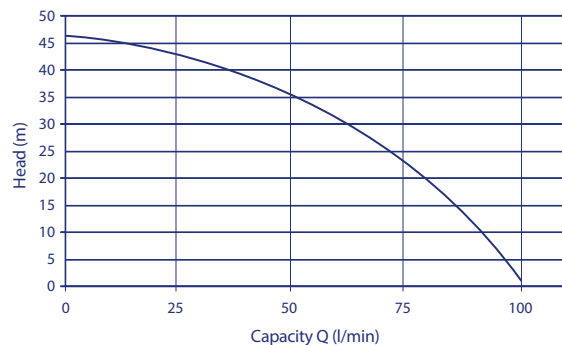


DIAMETER (mm)

185



PUMP HYDRAULIC CURVE



BIA-AUTOSUB & BIA-AUTOSUBX

RAINSAVER INSTALLATION

