



WaterMark

ATS5200.477:2006

License No. 23022



PRODUCT DETAILS

The Bianco NXT INOX45 is a stainless steel jet pump with an internal venturi which enables water to be drawn from below ground level.

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

APPLICATIONS

- Household water supply – small dwellings
- Light garden irrigation
- Clean water

PUMP FEATURES

- Automatic On/Off – 2.2bar start pressure
- Dry-run protection
- Inbuilt auto-reset thermal overload
- Corrosion-resistant components
- High-quality bearings and mech. shaft seal
- 240V single-phase TEFC motor



PUMP TECHNICAL DATA

OUTPUT POWER (P2)	0.45 kW
MAX. HEAD [M]	40 m
MAX. FLOW [LPM]	58 L/min
MAXIMUM PRESSURE	Pump 8 bar, Controller 10 bar
LIQUID TEMPERATURE	2 – 40°C
MOTOR	Asynchronous TEFC
MOTOR INSULATION	F Class
MOTOR PROTECTION	Inbuilt thermal overload
PROTECTION CLASS	IPX5
PRESSURE TANK	3, 8 or 18L recommended

RATED VOLTAGE	220–240V 1ph 50Hz
RATED CURRENT	3.5 A
CAPACITOR	10µF 450Vc
POWER CABLE	1.5m long 10A-rated H05 flex 10A 3-pin plug
AUTOMATIC OPERATION	Yes – NXT CORE
PUMP BODY	304 Grade Stainless Steel
INTERNALS	Composite impeller / diffusers
MECHANICAL SEAL	Silicon Carbide/Carbon
PACKAGE DIMENSIONS	370 x 185 x 434mm
GROSS WEIGHT (KG)	11 kg



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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

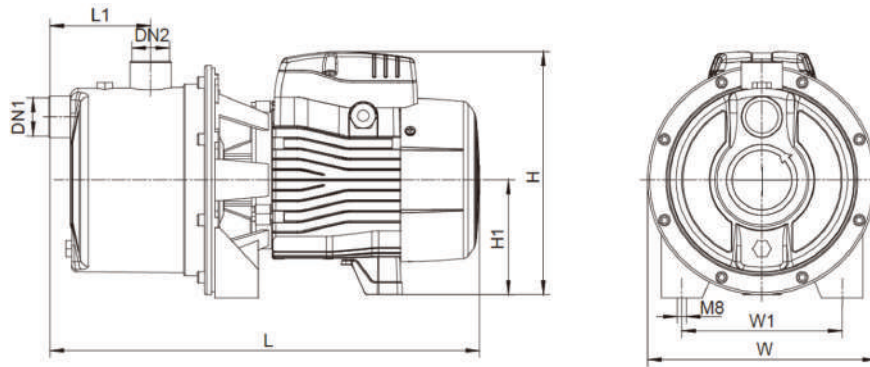
RAINSAVER MK4E KIT

RS4E-INOX45S2CORE • 808476

DIMENSIONS

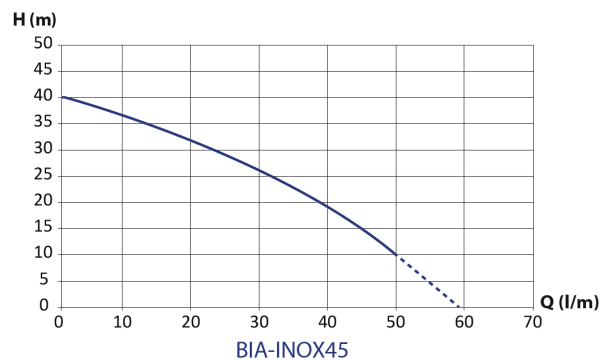
Height incl Controller

Approx 390mm



Model	DN1	Dn2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
Inox 45	G1"	G1"	337	180	181.5	78	140	90

PUMP HYDRAULIC CURVE



RAINSAVER INSTALLATION

