



PRODUCT DATA SHEET

RAINSAVER MK4E KIT

RS4E-JETCOM82CORE • 808463



WaterMark

ATS5200.477:2006

License No. 23022



PRODUCT DETAILS

The DAB JETCOM82CORE combines a composite, self-priming centrifugal pressure pump with a highly versatile Bianco NXT dual-mode controller.

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-to-medium homes
- Light garden irrigation
- Water transfer and washing systems

PUMP FEATURES

- Cast-iron motor support
- Technopolymer body and internals
- Stainless-steel adjustment rings
- Carbon and ceramic mechanical seal
- Externally ventilated motor, 40°C max
- Built-in overload protection



PUMP TECHNICAL DATA

OUTPUT POWER (KW)	0.6kW P2
MAX. HEAD [M]	47 m
MAX. FLOW [LPM]	60 L/min
MAX. PRESSURE – PUMP	6 bar
MAX. PRESSURE – CONTROL	10 bar
LIQUID TEMPERATURE	2 – 35°C
MOTOR	Asynchronous TEFC
MOTOR INSULATION	F Class
MOTOR PROTECTION	Inbuilt thermal overload
PROTECTION CLASS	IP44, terminal board IP55

RATED VOLTAGE	220–240V 1ph 50Hz
RATED CURRENT	3.8 A
CAPACITOR	12.5µF 450V
POWER CABLE	1.5m long 10A-rated H05 flex 10A 3-pin plug
PUMP BODY	Technopolymer A
INTERNALS	Technopolymer A
MECHANICAL SEAL	Carbon/Ceramic
AUTOMATIC OPERATION	Yes – NXT CORE
PACKAGE DIMENSIONS	470 x 240 x 240mm
GROSS WEIGHT (KG)	7.7kg pump, 1.6kg controller

Fitment of a 3, 8 or 18 litre pressure vessel is encouraged to reduce pump starts and save energy



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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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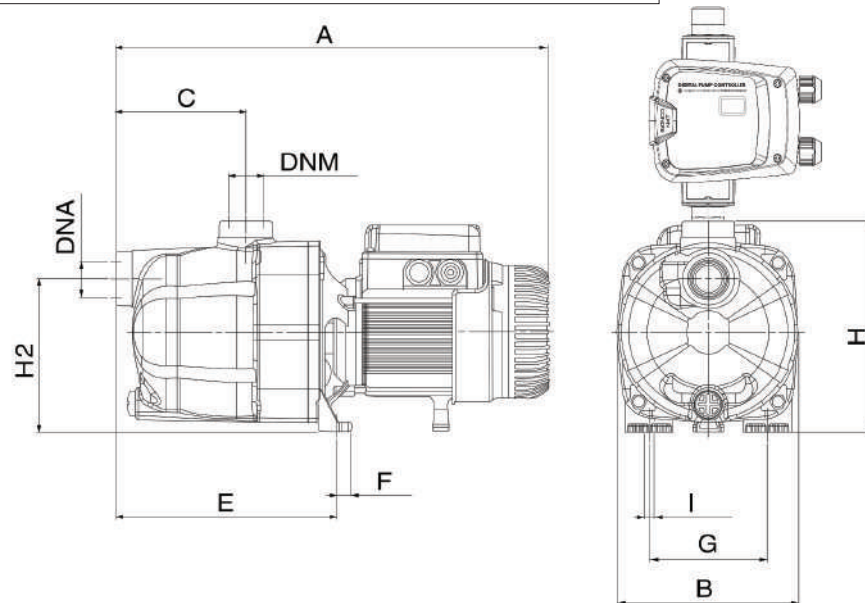
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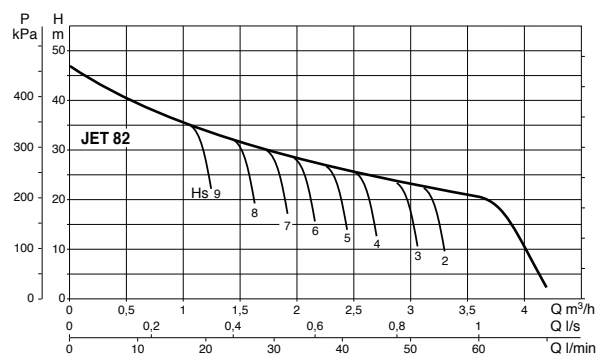
DIMENSIONS

A	406
B	170
C	122
E	208
F	14
G	111
H	198
H2	144
I	Dia 9
DNA	1" GAS
DNM	1" GAS

Height with controller fitted
H2 + approx 228mm = 372mm



PUMP HYDRAULIC CURVE



RAINSAVER INSTALLATION

