



PRODUCT DATA SHEET

RAINSAVER MK6 KIT

RS6-JETCOM82NXT • 809825



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

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

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

Fitting 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 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.

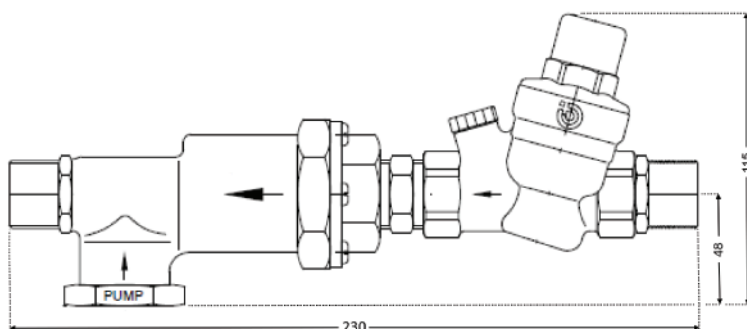


Primary Operating Principle: The Mk6 operates according to hydraulic differential, but incorporates a pressure-limiting valve (200kPa). Supplied as part of a kitset, matched to a pump with the correct performance.

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



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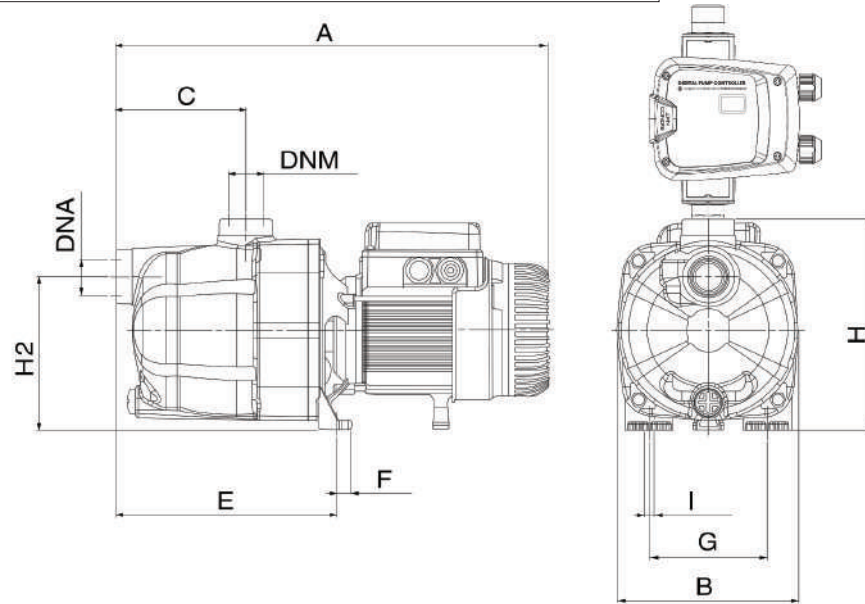
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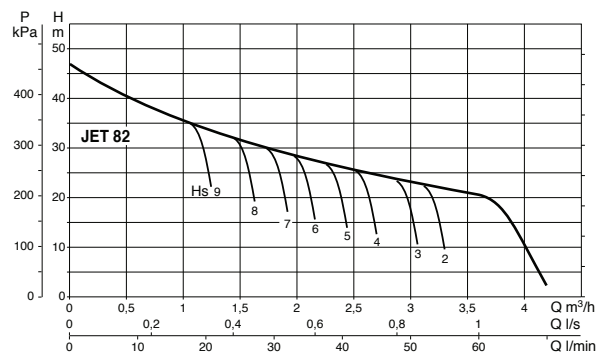
DIMENSIONS

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

