



PRODUCT DATA SHEET

RAIN-HARVESTING ACQUASAVER KIT

A2-JETCOM82CORE • 808468

PRODUCT DETAILS



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

Paired with an AcquaSaver automatic changeover valve, 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

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



PRODUCT DETAILS

The AcquaSaver valve is a fully automatic, mechanical-hydraulic rainwater/mains changeover device designed for a pressure-pump supply system for harvesting rainwater for the toilet, laundry and household applications, with automatic mains-water backup. It's suitable for two toilets, a washing machine and a tap.



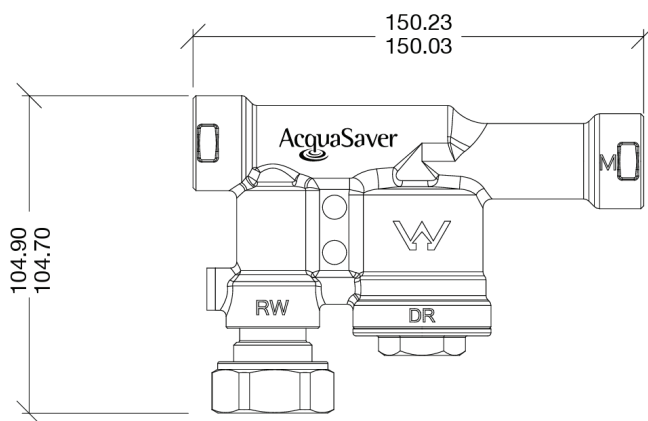
VALVE FEATURES

- Patented design
- Easy to install
- 2-year warranty
- No regular maintenance required
- No electrical consumption or electrical components
- Solid brass construction
- Fully waterproof
- Suitable for any pressure pump with sufficient head pressure
- Can be mounted in any position
- Built-in dual check valve for backflow prevention
- Solid brass mounting bracket (optional)

Primary Operating Principle: The AquaSaver2 (3/4") operates on hydraulic differential and can be fitted to any pump model with flows up to 50lpm. No mains pressure restriction.

VALVE TECHNICAL DATA

MAX. MAINS PRESSURE	500kPa nominal
MAX. PUMP PRESSURE	600 kPa
MIN. PUMP PRESSURE	300 kPa
MIN. PUMP CUT-IN PRESSURE	2 bar
MAX. FLOW RATE	50 L/min
MAX. WATER TEMPERATURE	40°C
MIN. WATER TEMPERATURE	≥ 4°C*
PUMP INLET	25mm 1" BSP F
MAINS WATER INLET	20mm 3/4" BSPF
OUTLET	20mm 3/4" BSPF
WEIGHT	0.85 kg
*Ensure proper protection against freezing weather	



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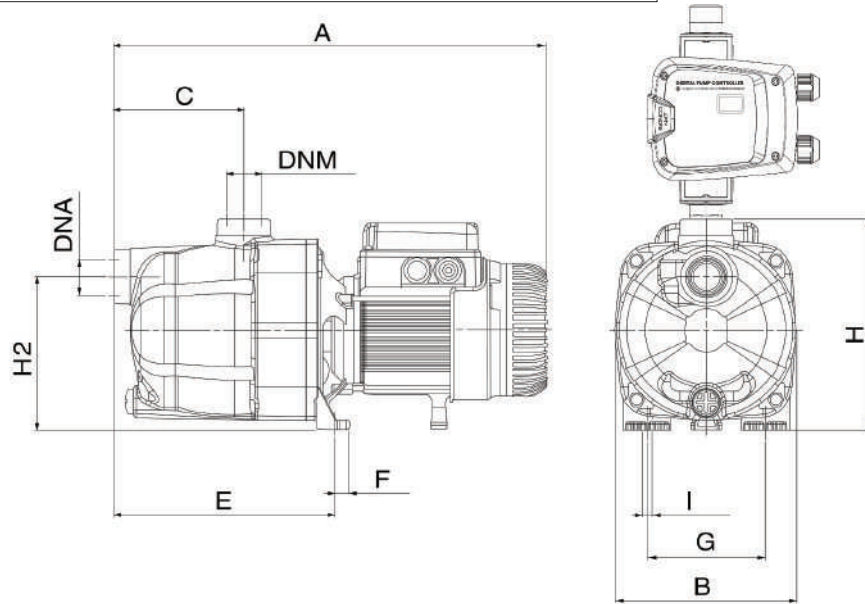
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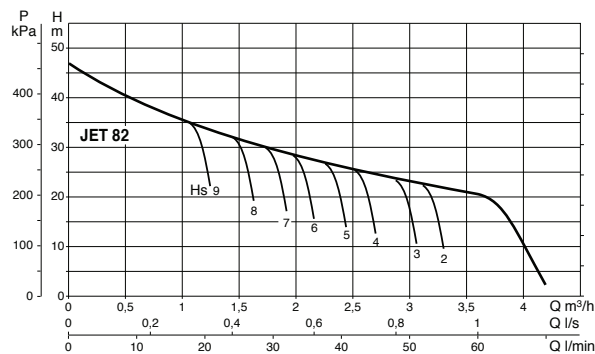
DIMENSIONS

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



ACQUASAVR PRESSURE DROP CURVE

