

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 an AcquaSaver automatic changeover valve, this kit provides automatic mains backup for pressure-pump supply systems.

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

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 LITE
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



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.



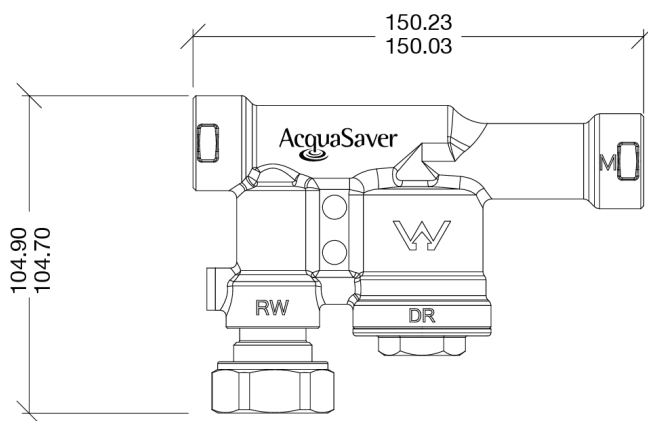
VALVE FEATURES

- 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	

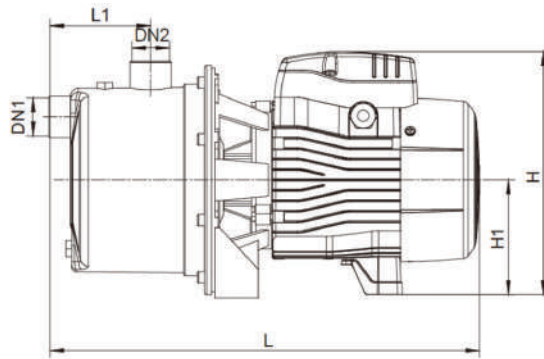


PRODUCT DATA SHEET

RAIN-HARVESTING ACQUASAVER KIT

A2-INOX45S2LITE • 808359

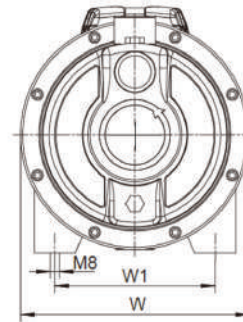
DIMENSIONS



Height incl Controller

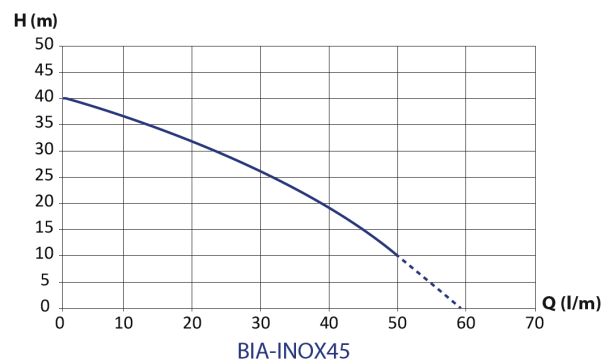
Including Union: Nominal 453mm

Union removed: Nominal 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



ACQUASAVER PRESSURE DROP CURVE

