

PRODUCT DETAILS

The Bianco NXT MULTI-SP is the perfect solution when you need to boost water pressure. It is compact, quiet and efficient.

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

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

APPLICATIONS

- Household water supply and pressure boosting
- Light commercial applications and irrigation
- Water transfer and washing systems

PUMP FEATURES

- Pre-wired, dual mode, auto-restart
- Digital display
- Dry-run, frequent-start, and maximum run-time protection
- Built from high-quality materials
- Self-priming operation



PUMP TECHNICAL DATA

OUTPUT POWER (KW)	0.55kW P2
MAX. HEAD [M]	42 m
MAX. FLOW [LPM]	98 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	IP45
PRESSURE TANK	0.3 litre controller volume 3, 8 or 18 litre recommended

RATED VOLTAGE	220–240V 1ph 50Hz
RATED CURRENT	3.6 A
CAPACITOR	16µF 450V
POWER CABLE	1.2m long 10A-rated H05 flex 10A 3-pin plug
AUTOMATIC OPERATION	Yes – Dual-mode NXT PRO
PUMP BODY	Stainless Steel
INTERNALS	Composite impeller / diffusers
MECHANICAL SEAL	Silicon Carbide/Carbon
PACKAGE DIMENSIONS	460 x 230 x 420mm
GROSS WEIGHT (KG)	12 kg

Fitment of an additional pressure tank is mandatory when the controller is set to MODE 2 (Digital Pressure Switch)



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.



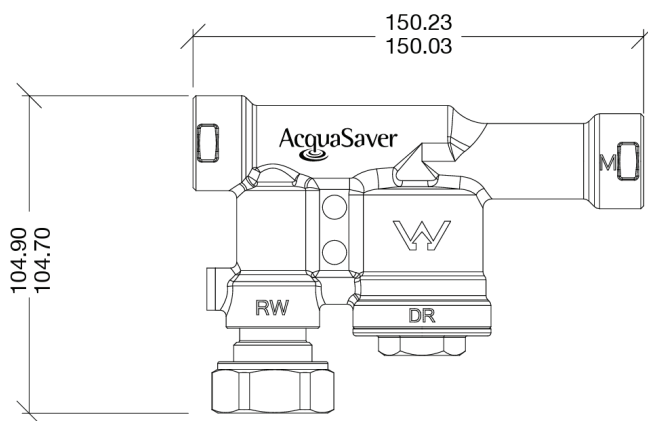
VALVE FEATURES

- 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

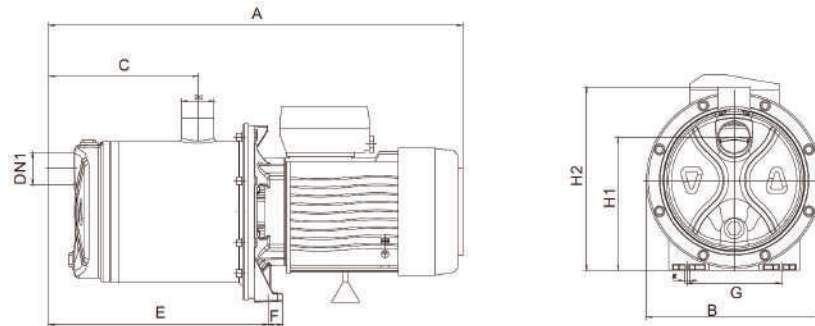
RAIN-HARVESTING ACQUASAVER KIT

A2-MULTI3-50PRO • 812511

DIMENSIONS

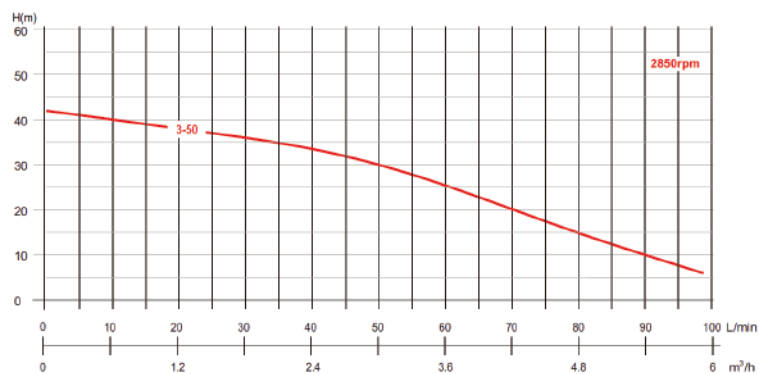
HEIGHT WITH CONTROLLER FITTED

402mm



A	B	C	E	F	G	I	H1	H2	Dn1	Dn2
379	195.5	111	189	16	110	9	148	204	G1"	G1"

PUMP HYDRAULIC CURVE



ACQUASAVER PRESSURE DROP CURVE

