

PRODUCT DETAILS

The DAB JETCOM62PRO pairs the composite, self-priming JETCOM62M centrifugal pressure pump with the highly versatile BiANCO NXT PRO dual mode pump controller. The NXT PRO offers unparalleled pump control and protection. This pressure system is particularly suited to water supply in domestic installations, small-scale agriculture, gardening and wherever self-priming operation is required.

DAB Jetcom pumps are renowned for their unique self priming and extraordinary deep suction capability; up to 8 metres at sea level.

APPLICATIONS

- Household water supply - small dwellings
- Light garden irrigation
- Water transfer
- Washing systems
- Pressure boosting

PUMP FEATURES

- Motor support in cast iron, technopolymer pump body impeller, diffuser, Venturi tube and sand guard. Stainless steel adjustment rings.
- Carbon/ceramic mechanical seal.
- Asynchronous motor closed and cooled by external ventilation. Max Ambient temp 40 deg C
- Built-in thermal and current overload protection and a capacitor permanently on in the single-phase versions.



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

Whenever the controller is operated in Mode 2 (Pressure switch) fitment of a pressure vessel is mandatory

TECHNICAL DATA

| | |
|------------------------|-----------------------------|
| OUTPUT POWER (KW) | 0.44kW P2 |
| MAX. HEAD [M] | 42M |
| MAX. FLOW L/MIN | 45 l/min |
| MAX PRESSURE - PUMP | 6 bar |
| MAX PRESSURE - CONTROL | 10 bar |
| LIQUID TEMPERATURE | 2 - 35 deg C |
| MOTOR | Asynchronous TEFC |
| MOTOR INSULATION | F Class insulation |
| MOTOR PROTECTION | In-built thermal overload |
| PROTECTION CLASS | IP44. Terminal board I.P.55 |

| | |
|---------------------|---|
| RATED VOLTAGE | 220 - 240V 1Ph 50 Hz |
| RATED CURRENT | 3.12A |
| CAPACITOR | 10uF 450V |
| POWER CABLE | 1.5m long 10 amp rated H05 flex 10 amp 3 pin plug |
| PUMP BODY | AISI 304 X5 Cr Ni 1810 UNI 6900/71 |
| INTERNALS | Technopolymer A |
| MECHANICAL SEAL | Carbon/Ceramic |
| AUTOMATIC OPERATION | Yes: BiANCO NXT PRO |
| PACKAGE DIMENSION | L470 x W240 x H240mm |
| GROSS WEIGHT (KG) | 7.5kg pump, 2.1kg controller |

PRODUCT DETAILS



BiANCO NXT PRO is a single pump, dual mode, digital, electronic pump controller.

The PRO controller has a number of optional advanced features but out of the box, the NXT PRO is simple to use.

Mode 1. (Default) Pressure controller

Starts as pressure falls to a user adjustable level.

Stops when flow falls to less than 1 l/min.

Mode 2. Pressure switch (requires pressure tank)

Starts and stops according to user adjustable settings

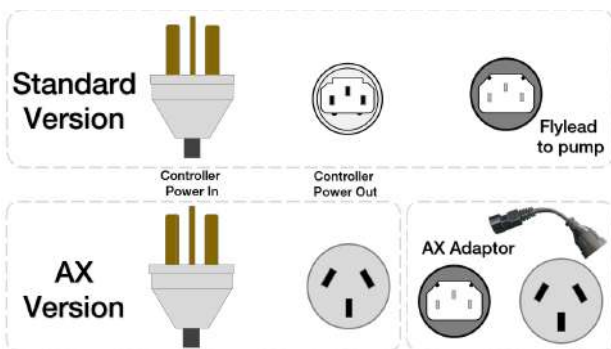
With full push-button programming, NXT PRO has a digital display to provide information about the running state of the pump(s)

APPLICATIONS

- Control of pressure pumps up to 2.2kW (16 amp)
- Suitable for clean, non-volatile liquids without fibres or solids including potable water

ADVANCED FEATURES

- Swivel unions - 1" or 1 1/4" BSPM
- Pump Protections: Dry run, Low flow, Frequent start, Underload, Overload, Over pressure, Anti-seize, Maximum continuous run time
- No reactive metal parts in contact with the water
- Generator compatible
- Removable pressure accumulator exposes 1" BSPF port

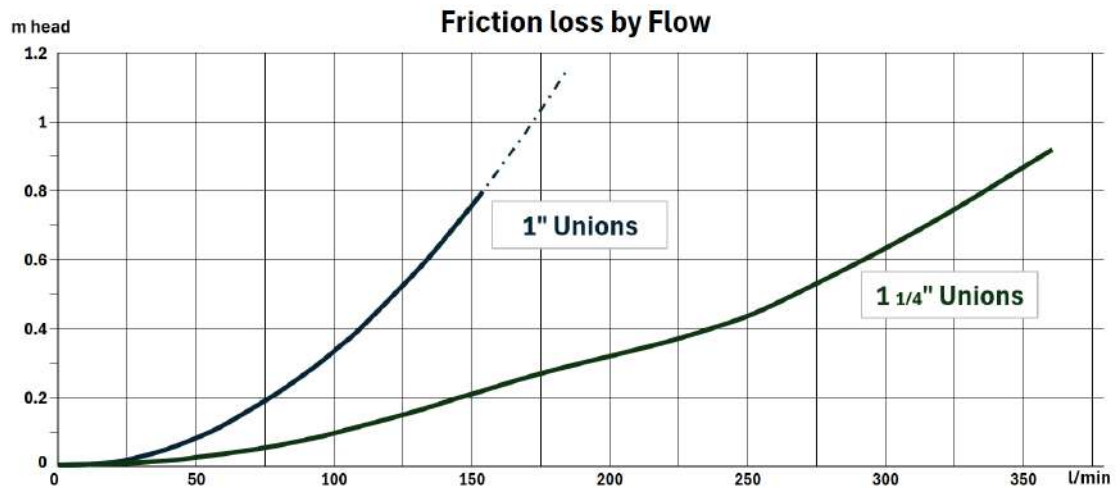


CONTROLLER TECHNICAL DATA

| | |
|--------------------|---|
| INPUT VOLTAGE | 80 - 260 AC 1 Phase |
| MAX. WORKING TEMP | 35 deg C |
| MAX TEMP | 60 deg C |
| MAX RATED PRESSURE | 10 bar |
| MAX RATED FLOW | 1" Port: 150 l/m @ 0.8 bar loss 1 1/4" Port: >350 l/m @ 0.8 bar loss |
| INLET/OUTLET | 1" BSPM / 1" BSPM (std) |
| NET WEIGHT | 2.1kg |

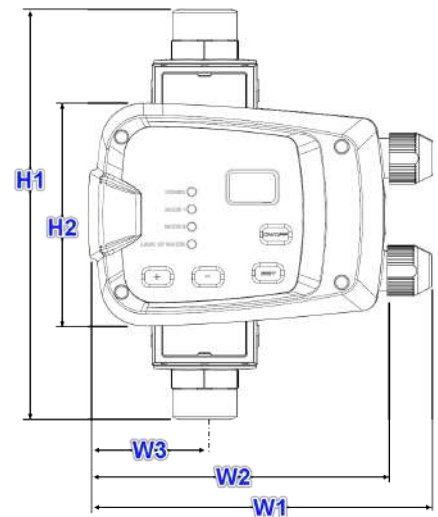
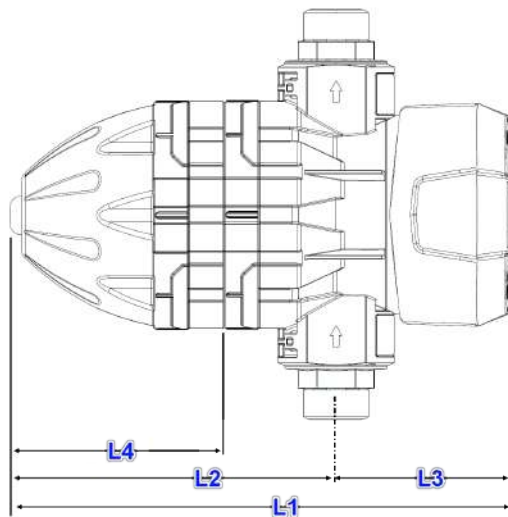
| | |
|------------------------|--|
| MAXIMUM CURRENT | 1 Amps |
| NOMINAL PUMP POWER | 2.2 kW |
| INGRESS PROTECTION | IP65 |
| AUTOMATIC | Yes, with dry run protection |
| DEFAULT START PRESSURE | 2.2 bar - adjustable |
| POWER CABLE | 1.5m H05, 10 amp plug Controller to pump - options. |
| PACKAGING DIMENSIONS | 220 x 230 x 200 |

CONTROLLER CURVE



CONTROLLER DIMENSIONS

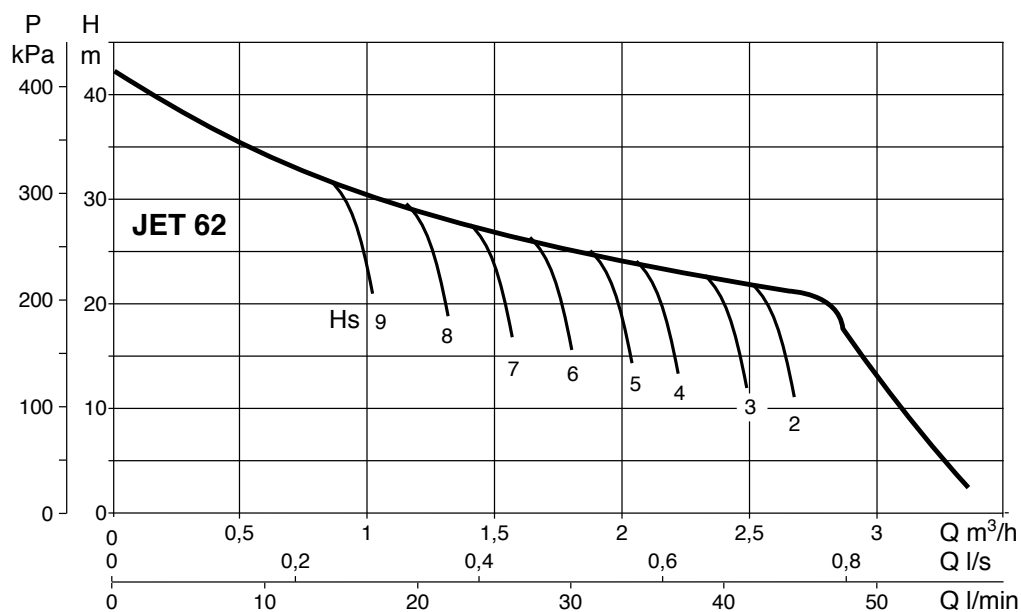
| DIMENSIONS | |
|------------|---------|
| H1 | 212mm |
| H2 | 115mm |
| W1 | 175mm |
| W2 | 152mm |
| W3 | 57mm |
| L1 | 261mm |
| L2 | 93mm |
| L3 | 168mm |
| L4 | (121mm) |



WARRANTY / CERTIFICATIONS

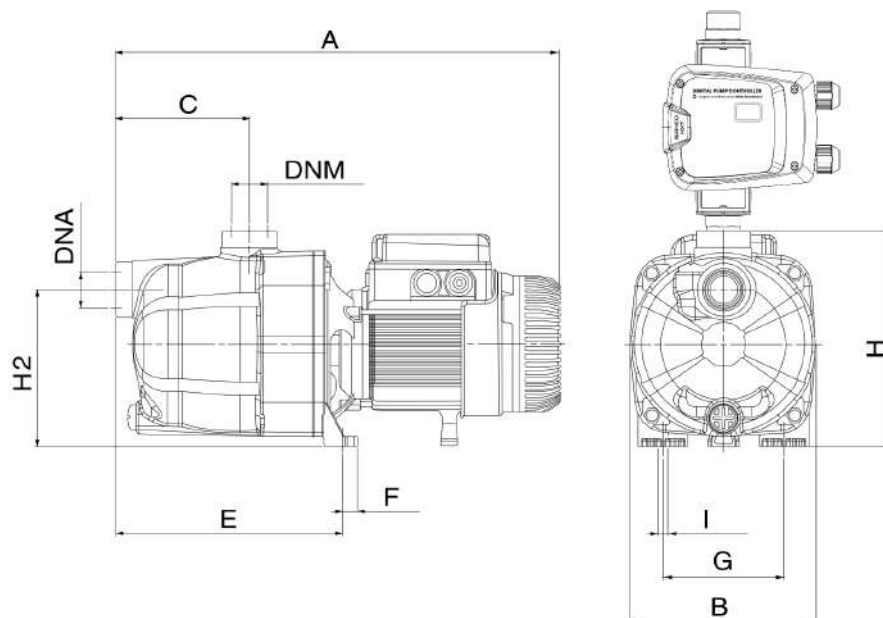


PUMP CURVE



PUMP DIMENSIONS

| | |
|-----|--------|
| A | 406 |
| B | 174 |
| C | 122 |
| E | 207 |
| F | 14 |
| G | 111 |
| H | 197 |
| H2 | 144 |
| I | Dia 9 |
| DNA | 1" GAS |
| DNM | 1" GAS |



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

WARRANTY / CERTIFICATIONS

