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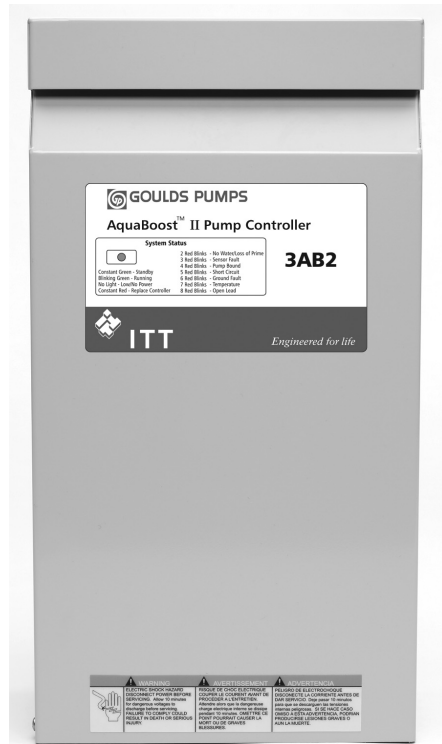
B3AB2

Residential & Commercial Water Systems

Goulds Pumps

AquaBoost™ II

3AB2 Variable Speed Constant Pressure Pump Controller



3AB2 (3 HP) CONTROLLER FEATURES

Input Power^① — 196-264 Volts, single phase 2 wire, grounded

Output Power — Up to 230V three phase (based on input voltage). Motor rated for 208-230 V.

Maximum Full Load Current — 10.9 Amps^②

Input Controls — Press and hold pressure increase/decrease buttons. Min. speed & motor overload switch.

Signal Light — Power on, pump running, pump stopped, faults/errors.

Electrical Efficiency — Over 95%

Protection Against — Short circuit, under voltage, motor overload, motor temperature, dead heading, run out, suction loss, sensor fault, bound pump, over voltage, over/under temperature.

Ambient Temperature — 0° F to 122° F

Maximum Humidity — 95% at 122° F, non-condensing

Air Pollution — Avoid mounting in areas with excessive dust, acids, corrosives and salts.

Controller Enclosure — NEMA 3R (Rain-tight)

Mounting — Wall mount (mounting screws included).

Cooling — Convection with heat sink and fan.

Transducer — 0.5 - 4.5 VDC with 5 VDC power supply, 80 psi range, 80" 3-wire cable.

^① Low input voltage will affect motor operation.

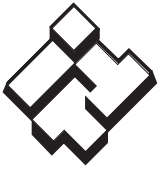
^② Always size 3 phase motor based on max. amps.



Goulds Pumps is a brand of ITT Corporation.

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GOULDS PUMPS Residential & Commercial Water Systems

PRODUCT OVERVIEW

The 3AB2 AquaBoost II pump controller provides an economical answer for municipal and private water systems with low water pressure. Both domestic and light commercial above ground boosters can benefit. As water use increases, the AquaBoost II changes pump speed to maintain pressure. Large supply tanks are eliminated.

Think of it as “Cruise Control” for your pump. The 3AB2 is available with a power capacity to handle homes with up to four baths, irrigation, filtration and fire suppression systems. The AquaBoost II is available as either a separate controller (standard) or as part of a complete pump package with everything you need to plumb it to a domestic water line.

COMPONENTS / PART NUMBERS

3AB2 — 10.9 Amp AquaBoost II controller, wall mount set, transducer, transducer cable, outdoor rated enclosure. (Pump and tank not included.)

PRESSURE RANGE

Nominal Range — Field adjustable from 20 - 80 psi, total system pressure.



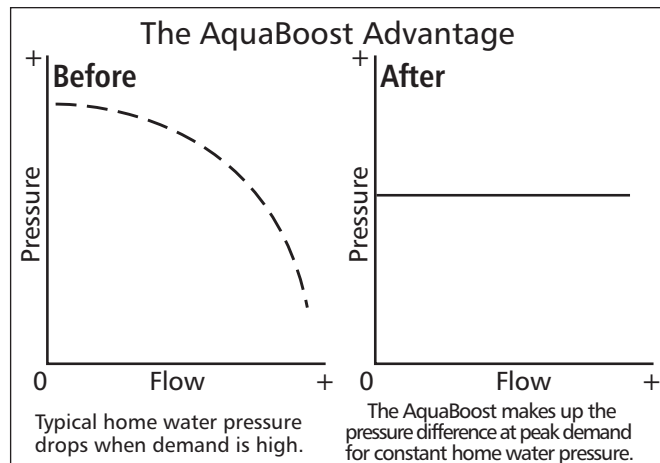
DO NOT SET REQUIRED PRESSURE ABOVE 80 PSI. SEVERE DAMAGE TO PLUMBING, PUMPS, TANK OR FIXTURES CAN OCCUR.

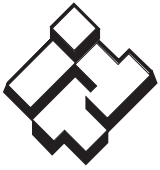
AGENCY LISTINGS



Tested to UL 778, 508C and CSA 22.2 108-M89, 14-95 Standards By Canadian Standards Association File #LR38549

Goolds Pumps is ISO 9001 Registered.

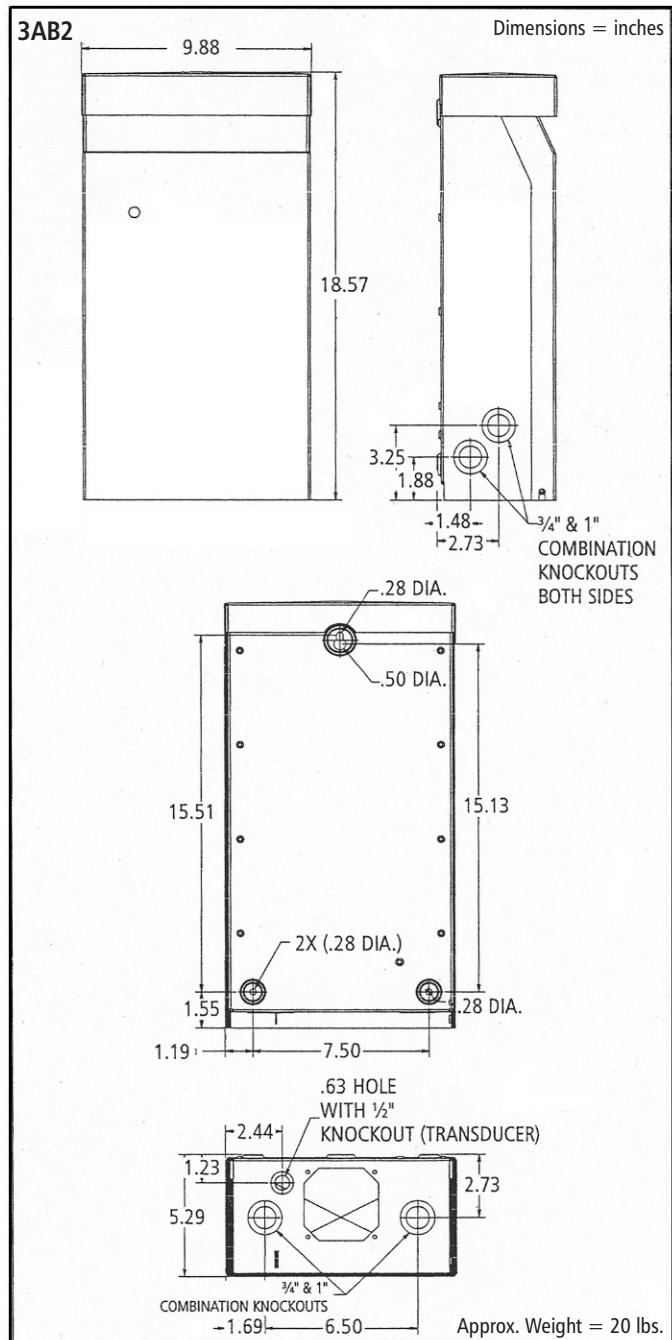


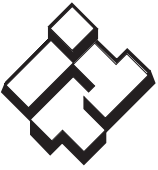


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GOULDS PUMPS Residential & Commercial Water Systems

DIMENSIONS





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Residential & Commercial Water Systems

TYPICAL SYSTEM INSTALLATIONS

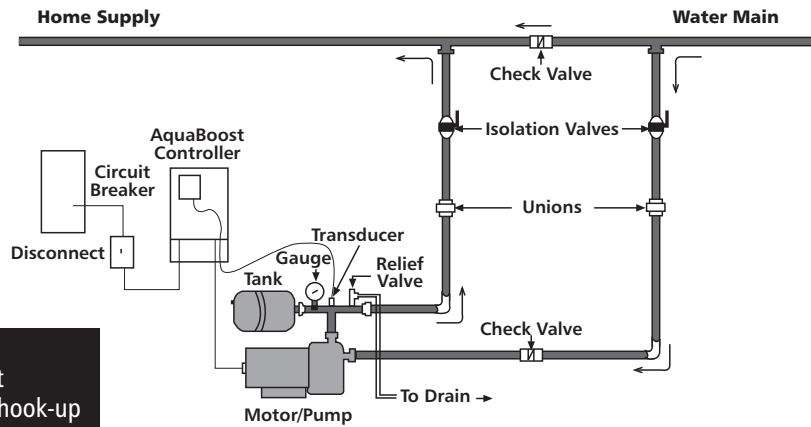


Figure 1
System Layout
for municipal hook-up

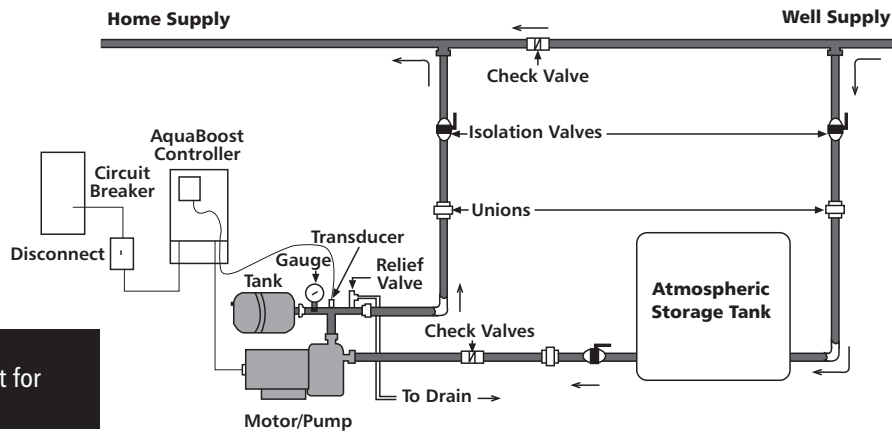


Figure 2
System Layout for
supply tank

Note
Fittings and valves are not included with AquaBoost controllers.



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SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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