



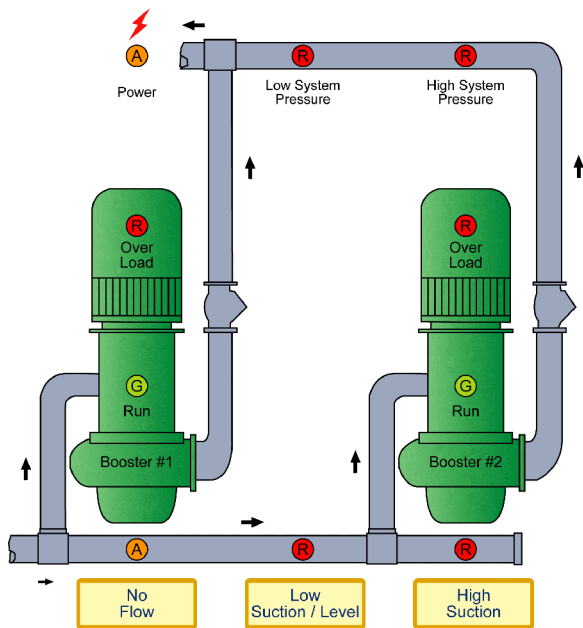
ADVANCE BOOSTER CONTROLLER **ABC**

Versatile and Reliable 21st Century State of the Art Technology

FEATURES:

- Up to 21 on-screen settings
- Password protected input
- Micro processor control
- Displays system and suction pressure
- Self-programmed passwords
- Indicated pump running times
- Settings for pressures and alarm status
- Settings for operation timing
- LED front graphic display
- Lead / lag / alternate function selections
- Different alarm levels settings
- True pump failure alarm
- Motor contactor and circuit protector
- Variable frequency drive (optional)
- CSA & UL approved

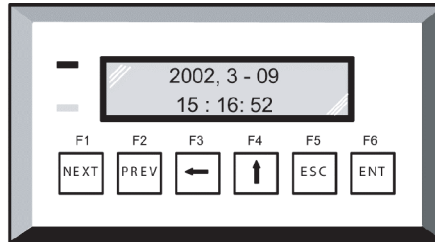
Simplex (¼ HP – 50 HP)
Duplex (120v, 240v - 1Ø)
Triplex (208v, 480v, 575v - 3Ø)



Northwest Tech-Con System's ABC accurate booster controller is designed to control the pressure in water distribution systems. Two pressure transducers that are placed at suction / input and discharge / output of the pump govern the operation. The front of each panel features a data entry terminal, display screen and LED graphic display system. Users can readily monitor pressure and system operation. Authorized personal using a password entry can easily change system settings, define transducer pressure ranges and adjust timing. The system is capable of storing data for up to five years at room temperature without power. The ABC controller comes in three different configurations for simplex, duplex or triplex application.



TIME DOSING CONTROLLER



WINDOW DISPLAY

SYSTEM PRES: *** psi
 SUC PRES: *** psi

2002, 3 - 09
 15 : 16: 52

P1 HOUR METER
 0000000 HRS 00 MIN

P2 HOUR METER
 0000000 HRS 00 MIN

SET PASSWORD

PASSWORD SET

ENTER PASSWORD

PUMP OPERATION MODE SETTINGS

1) ALTERNATION
 MODE? YES

2) SELECT PUMP #1
 AS LEAD PUMP? YES

3) SELECT PUMP #2
 AS LEAD PUMP? NO

OPERATION TIMING SETTINGS

4) STOP PUMP
 DELAY AT: ** sec

5) PUMP #1 START
 DELAY AT: ** sec

6) PUMP #2 START
 DELAY AT: ** sec

7) HI DIS SHUT DOWN
 DELAY AT: ** sec

8) LO DIS SHUT DOWN
 DELAY AT: ** sec

9) P1 MINIMUM RUN
 TIME AT: *** sec

10) P2 MINIMUM RUN
 TIME AT: *** sec

11) HI SUCTION SHUT
 DOWN DELAY: *** sec

12) LO SUCTION SHUT
 DOWN DELAY: *** sec

SENSOR SETTINGS

13) PUMPS STOP
 PRESSURE AT: *** psi

14) START LEAD
 PRESSURE AT: *** psi

15) START LAG
 PRESSURE AT: *** psi

16) HI DISCHARGE PRES
 PRESSURE AT: *** psi

17) LO DISCHARGE PRES
 PRESSURE AT: *** psi

18) LOW SUCTION PRES
 PRESSURE AT: *** psi

19) HI SUCTION PRES
 PRESSURE AT: *** psi

20) MAX. SUCTION
 PRESSURE AT: *** psi

21) MAX. DISCHARGE
 PRESSURE AT: *** psi

SPARE WINDOW

APPROX. 500 MESSAGES

* EMBEDDING DATA VALUES INTO
 MESSAGES FOR MONITORING