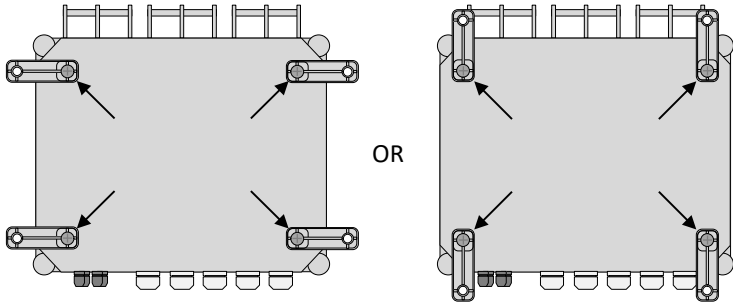
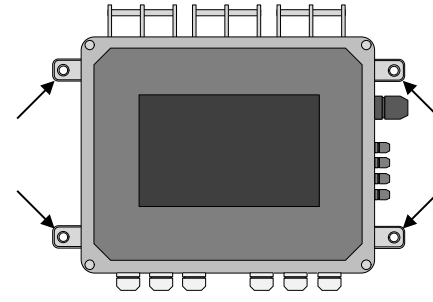


3175 QUICK-START GUIDE – BOILER, STANDARD CONFIGURATION

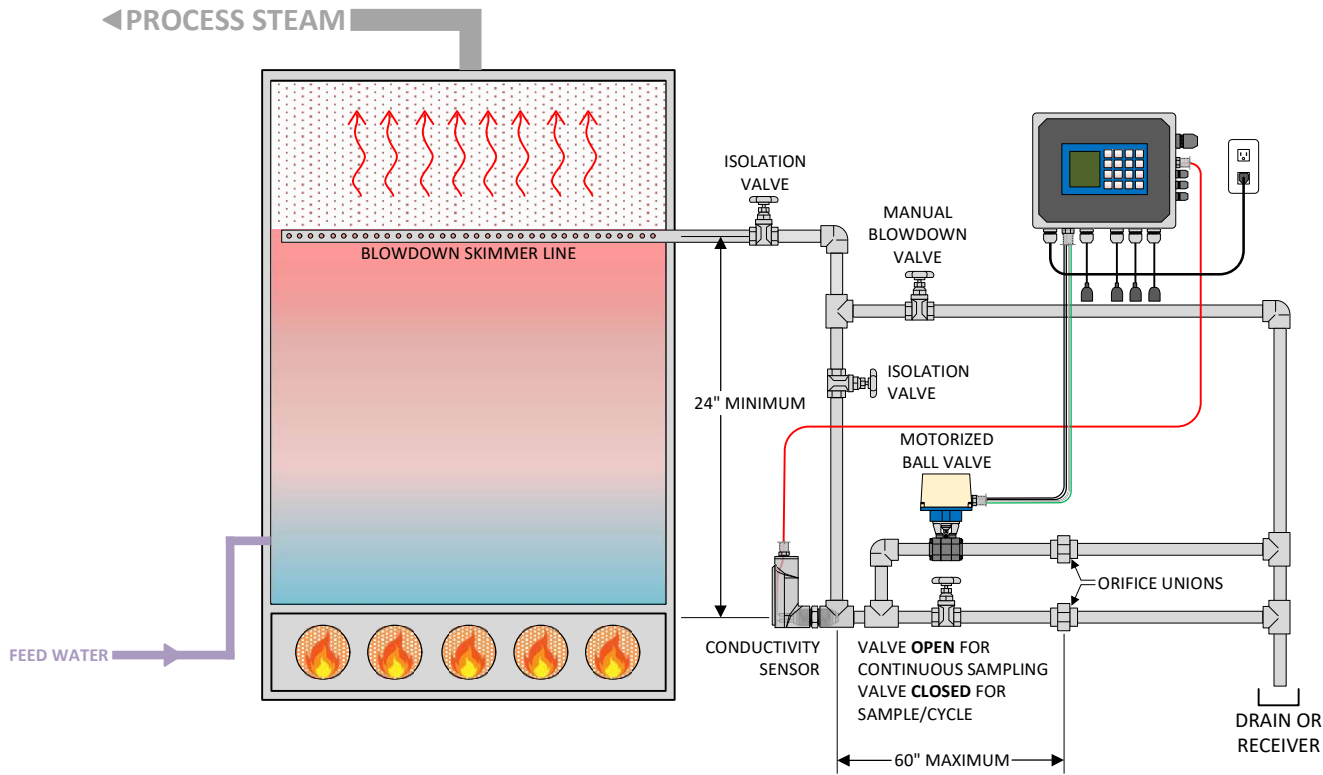
1 ATTACH THE FOUR MOUNTING FEET TO THE BACK OF THE CONTROLLER ENCLOSURE



2 FASTEN THE CONTROLLER TO A FLAT, NON-VIBRATING SURFACE. AVOID METAL SURFACES THAT EXPERIENCE LARGE TEMPERATURE SWINGS.



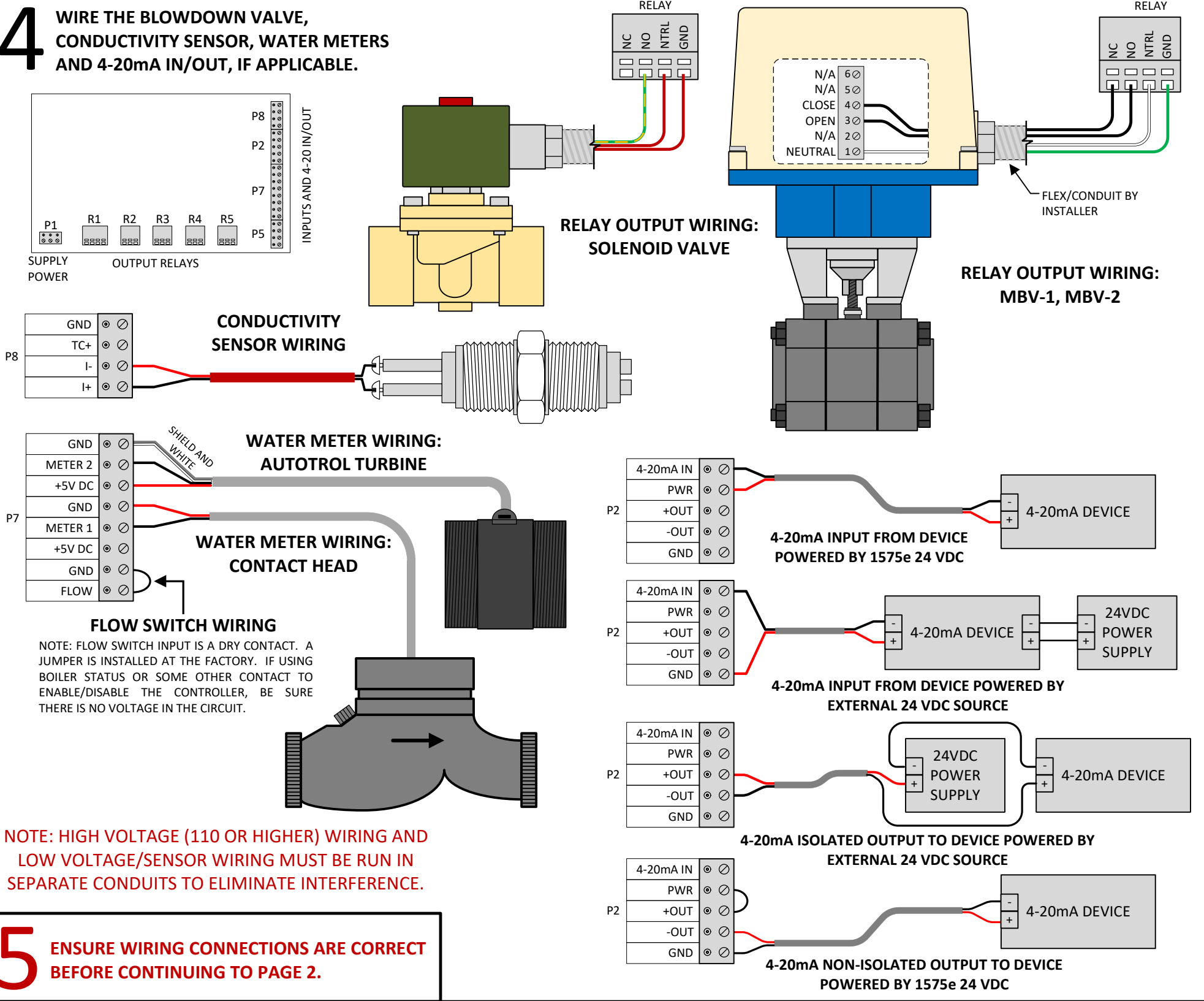
3 INSTALL BLOWDOWN VALVE AND SENSOR.



Selectable Continuous or Cycle/Sample plumbing shown.

Refer to the links under "Boiler Controller Sample Line Plumbing" on the "Manuals" page for information on other piping configurations and Lakewood plumbing kits.

4 WIRE THE BLOWDOWN VALVE, CONDUCTIVITY SENSOR, WATER METERS AND 4-20mA IN/OUT, IF APPLICABLE.



NOTE: HIGH VOLTAGE (110 OR HIGHER) WIRING AND LOW VOLTAGE/SENSOR WIRING MUST BE RUN IN SEPARATE CONDUITS TO ELIMINATE INTERFERENCE.

5 ENSURE WIRING CONNECTIONS ARE CORRECT BEFORE CONTINUING TO PAGE 2.

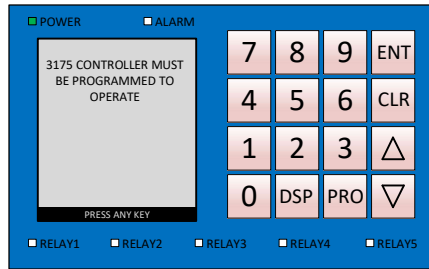
3175 QUICK-START GUIDE – BOILER, STANDARD CONFIGURATION

6 APPLY POWER TO THE CONTROLLER

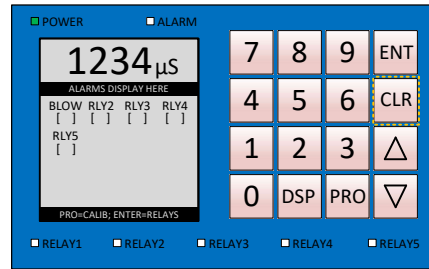
NOTE: ONLY PLUG INTO PROPERLY GROUNDED OUTLET—DO NOT MODIFY THE PLUG IN ANY WAY.

NOTE: IF WIRING DIRECTLY TO CONTROLLER P1 TERMINALS, BE SURE SOURCE IS PROPERLY GROUNDED.

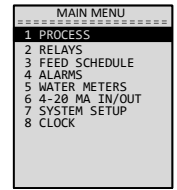
7 CONTROLLER INTERFACE



When the controller is first powered up, you should see this screen. Press any key to access the Process screen.



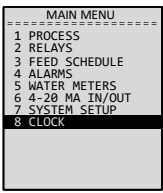
This is the Process screen. It displays the current conductivity, relay status and any active alarms. The LED's also show relay status and if any alarms are active. Press "CLR" to access the Main Menu.



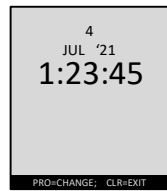
This is the Main Menu. Menu items are accessed by either pressing the associated number keys or using up/down arrows to highlight the desired item and pressing "ENT" to select. Selecting #1 (PROCESS) returns you to the Process screen, shown to the left. Other menu items will be referred to in the following steps.

8 CHECK DATE/TIME

The controller date/time are set at the factory as part of pre-ship testing. The time is set to Central Standard Time (CST) and may require adjustment for your time zone.



From the Main Menu, press the "8" key or highlight #8 and press "ENT" to access the Clock screen.

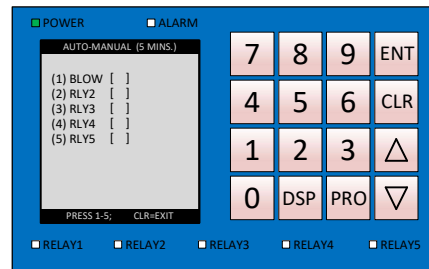


Press the "PRO" key to change the date/time.

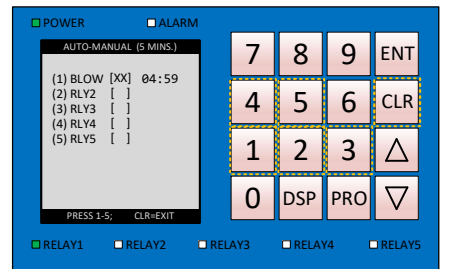
Use the up/down arrows to change day of week and month. Use number keys for date, year and time. Press the "ENT" key to move to the next field.

Note: The "ENT" key must be pressed for all fields for any changes to be saved.

9 TEST RELAY OUTPUTS



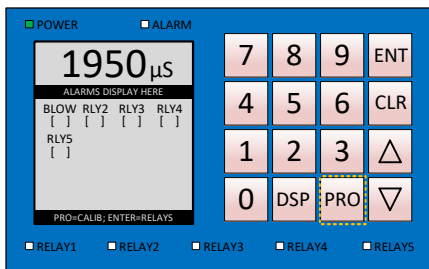
From the Process screen, press "ENT" to access the Relay Override screen.



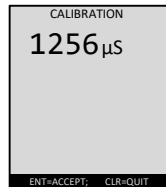
This is the Manual Override screen. Press keys 1-5 to activate/de-activate the associated relays. Verify valve and/or pump operation. The override will automatically release after 5 minutes. Press "CLR" to return to the Process Screen.

Note: This screen shows Relay 1 is manually "ON".

10 SENSOR CALIBRATION



While on the Process screen, press "PRO" to access the Calibration screen.



This is the Calibration screen. Enter the value from your hand-held tester here.

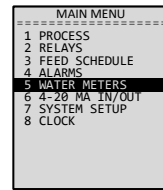


Refer to page 23 in the 3175 manual for more information.

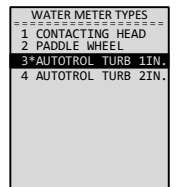
11 CONFIGURE WATER METERS

IF NO WATER METERS ARE USED, SKIP TO STEP 12

You will need to correctly configure the water meter inputs to ensure accurate flow totals.



From the Main Menu, press the "5" key or highlight #5 and press "ENT" to access the Meter Configuration screen.



If "CONTACTING HEAD" is selected you'll need to enter the meter's rated gallons per contact. If "PADDLE WHEEL" is selected you'll need to enter the meter's K factor.

Both "AUTOTROL" selections require no other input.

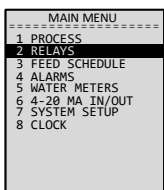
Note: Select "PADDLE WHEEL" for magnetic meters.



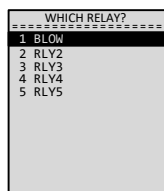
Refer to page 52 in the 3175 manual for more information.

12 CONFIGURE RELAYS

You will need to configure the blowdown relay and chemical relays.



On the main menu, press the "2" key or highlight #2 and press "ENT" to access the relay configuration screen.



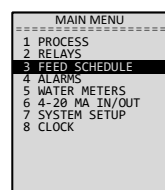
Select the desired relay to configure and choose from available options.



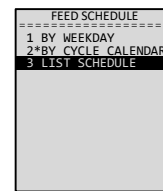
Refer to page 28 in the 3175 manual for more information.

13 SET UP FEED PUMP SCHEDULES

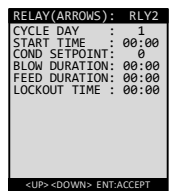
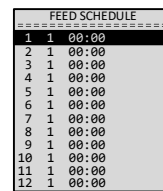
If any relays (2, 3 or 4) have been configured as "FEED SCHEDULE" you will need to set up one or more schedules to control them.



On the main menu, press the "3" key or highlight #3 and press "ENT" to access the Feed Schedule setup screens.



Select "BY WEEKDAY" or "BY CYCLE CALENDAR". Select "LIST SCHEDULE" to enter a scheduled feed event.



Refer to page 49 in the 3175 manual for more information.

Thank you for your purchase of this Lakewood Instruments controller. We would like to know what features **YOU** would like to see in our next new product.

Please let us know!



<https://survey.zohopublic.com/zs/dZBUTn>