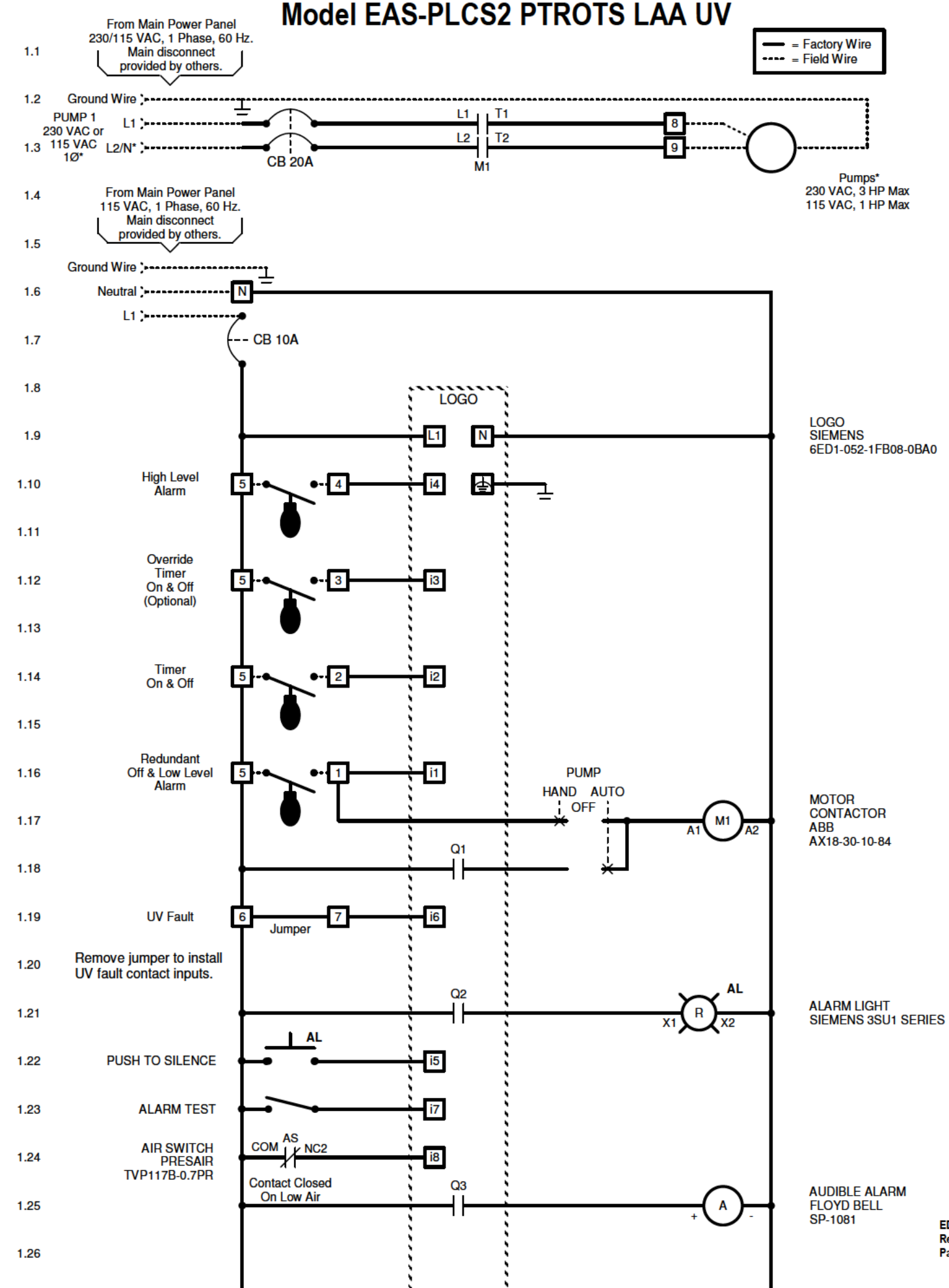
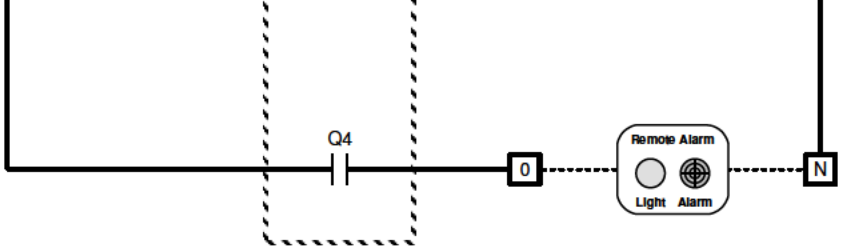
Control Panel Wiring Diagram
Model EAS-PLCS2 PTROTS LAA UV

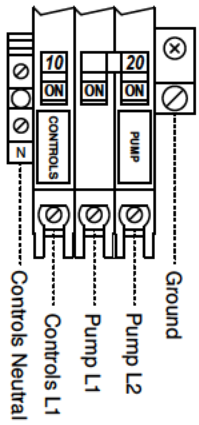




REMOTE ALARM
(AHW OR EQUIV.
115 VAC ALARM)

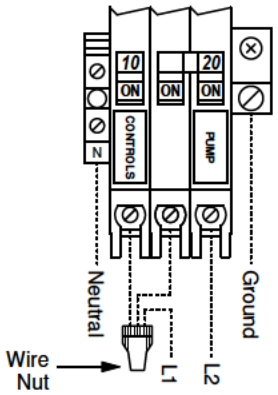
*Power Wiring Options: 230 VAC Pump

Two Circuits



Factory default.
Wire as shown.

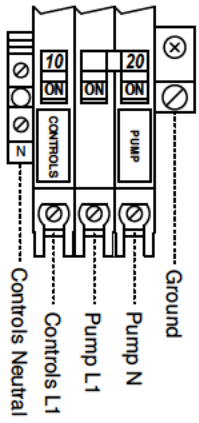
One Circuit



Use a wire nut to connect the first pole of the pump circuit breaker together with the controls breaker and the incoming L1 power line.

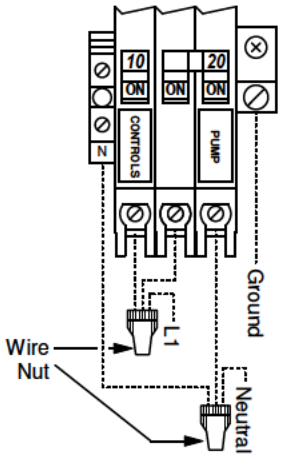
*Power Wiring Options: 115 VAC Pump

Two Circuits



Factory default.
Wire as shown.

One Circuit



Use one wire nut to connect the first pole of the pump circuit breaker together with the controls breaker and the incoming L1 power line. Use another wire nut to connect the second pole of the pump circuit breaker with the controls neutral and the incoming neutral line.

EAS-PLCS Reference Chart

Program Code: MI103-80

Input Functions (Timed Dose):	**Conditions for activation:**
1. RO & Low Level Alarm Float	Float in up position
2. Timer On & Off Float	Float in up position
3. Override Timer On & Off Float	Float in up position
4. High Level Alarm Float	Float in up position
5. Push to Silence	Pushbutton is pressed
6. UV Fault	UV unit is operating properly
7. Alarm Test Switch	Test switch is activated
8. Low Air Switch	Air pressure is low

Output Functions:	**Condition for activation:**
1. Pump	Pump is called to run
2. Level Light	Alarm light is activated
3. Audible Alarm	Audible alarm is activated
4. General Alarm	Alarm condition exists

Built In Screens:

Built in screens include: time & date, digital inputs, and digital outputs. To view these screens, press the down arrow repeatedly until a built in screen appears, then use the left and right arrow keys to change between screens.

Alarm and System Data Screens:

Alarm screens appear during alarm conditions. System data screens include float status, pump run data, and alarm activity. Screens with a “T” in the lower right contain totalized values. Screens with a “R” in the lower right contain resettable values. To change between these screens, press the up and down arrow keys.

Selecting Blocks for Viewing or Adjusting:

To begin the process to set parameters, press the down arrow repeatedly until the last screen is shown, then press ‘ESC’.

Parameter Name:	**Description:**	**Time Range:**	**Block Type:**
HL Alm Delay	High Level Alarm Delay	MM:SS	Timer
Off Time	Timer Off Time	MM:SS	Timer
On Time	Timer On Time	MM:SS	Timer
Ovr Off Time	Override Timer Off Time	MM:SS	Timer
Ovr On Time	Orerride Timer On Time	MM:SS	Timer
Min Ovr Time	Minimum Override Time	MM:SS	Timer

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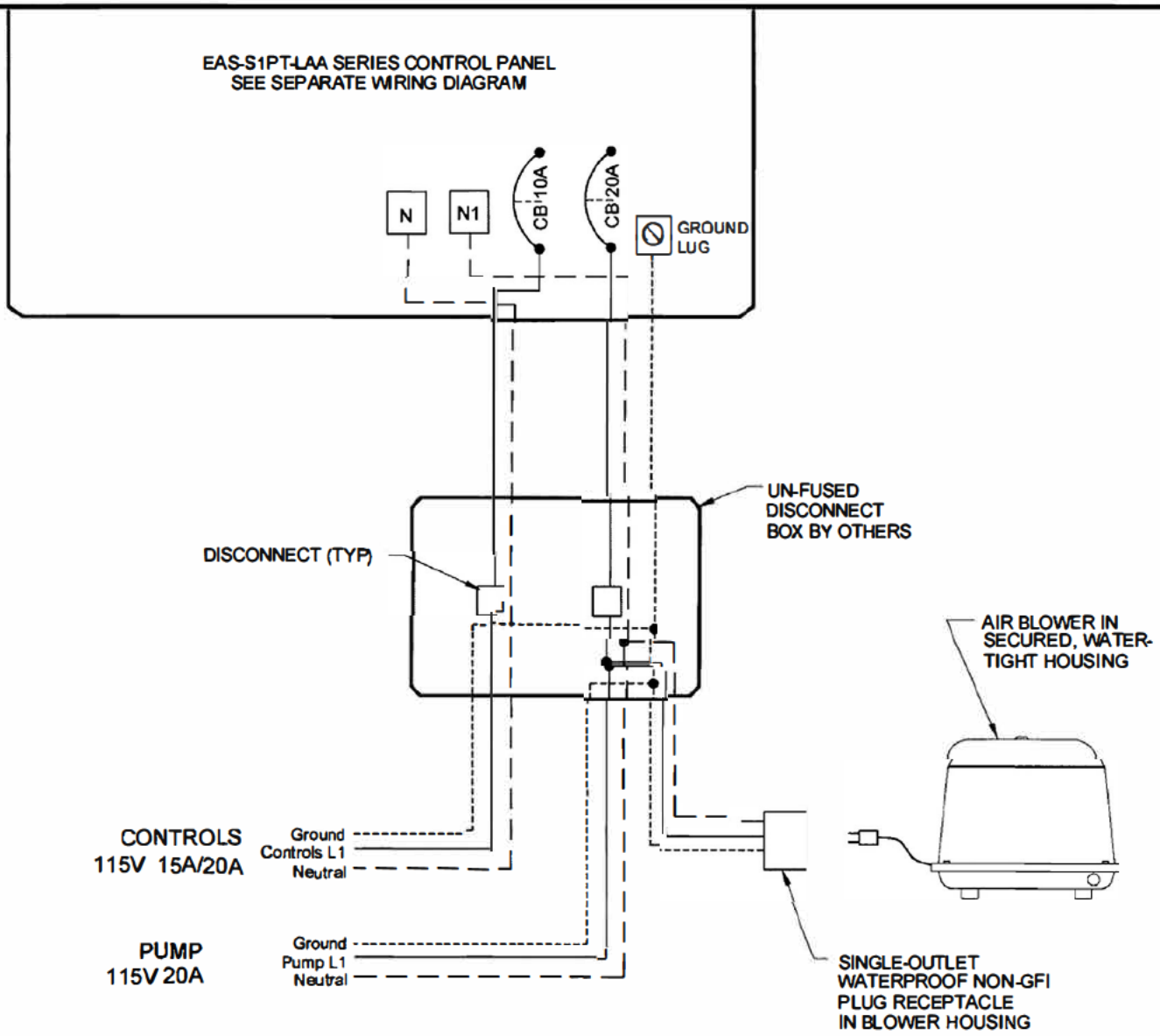

NOTES:

THESE FIGURES DEPICT A RECOMMENDED WIRING CONFIGURATION. OTHER POSSIBLE VARIATIONS INCLUDE:

3 CIRCUITS: ADD A SEPARATE CIRCUIT FOR THE AIR BLOWER.
USE OF BREAKERS: USES A SMALL BREAKER BOX. NOTE THAT NEC REQUIRES #10 AWG MIN. FEEDER SIZE IN THIS CASE.
230 VOLT PANEL: REQUIRES ENTIRELY SEPARATE 115V CIRCUIT FOR THE AIR BLOWER.

OTHER NOTES:

BLOWER RUNS CONTINUOUSLY, INDEPENDENT OF CONTROLS IN PANEL.
ALL WIRING TO BE WITHIN APPROVED CONDUIT.
SEE TREATMENT UNIT INSTALLATION MANUAL FOR CONNECTION OF LOW AIR LINE.

AIR BLOWER & DISCONNECT WIRING DETAILS NUWATER ATU USING (2) 115V CIRCUITS

NuWater
Advanced Treatment Systems by Enviro-Flo
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