

Control Panel Wiring Diagram

AdvanTex® Treatment Systems

Model VCOM-AX20B1/PT UV IB RG

— = Factory Wire
 - - - = Field Wire

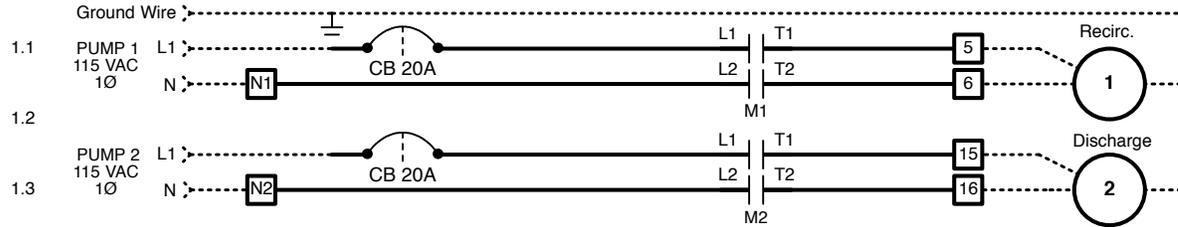


814 AIRWAY AVENUE
 SUTHERLIN, OREGON
 97479-9012

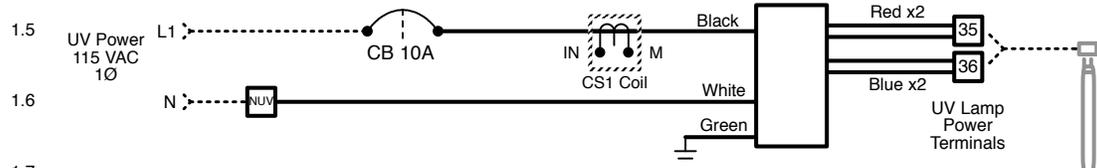
TELEPHONE:
 PUMPS (800) 348-9843
 115 VAC (541) 459-4449
 1Ø

WEBSITE:
 www.orenco.com

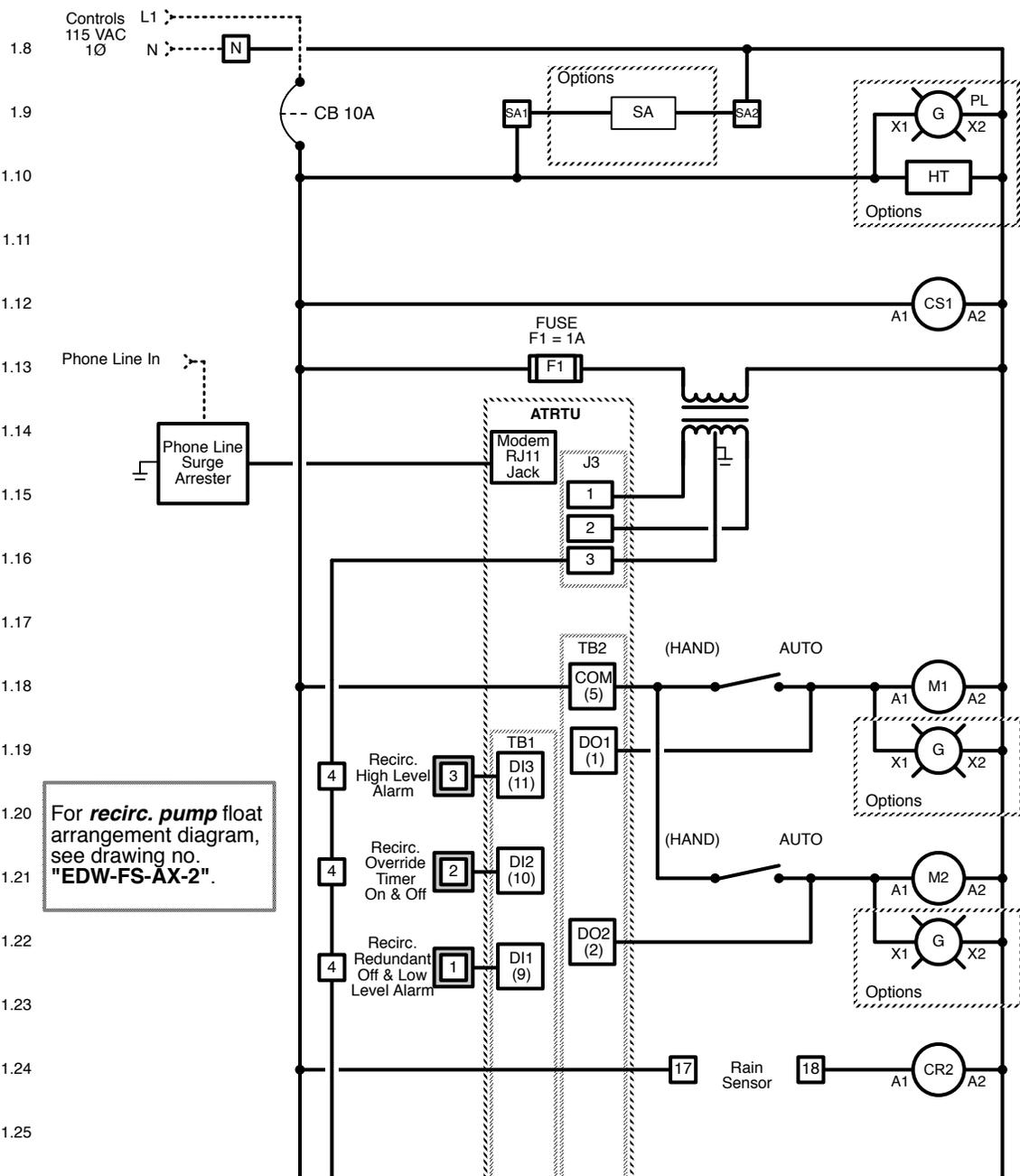
From Main Power Panel
 115 VAC, 1 Phase, 60 Hz.
 Main disconnect
 provided by others.



Note: Motors must have internal overload protection



BALLAST
 FULHAM
 SHS1-UNV-C-1



SURGE ARRESTER
 SQUARE D
 SDSA1175T

POWER LIGHT
 SIEMENS 3SU1 SERIES

HEATER
 STEGO
 01602.0-09

CURRENT SENSOR
 SIEMENS
 3UG4622-1AW30

TRANSFORMER
 120-36VAC
 (W/ CENTER TAP)

MOTOR CONTACTOR
 ABB
 AX18-30-10-84

PUMP RUN LIGHT
 SIEMENS 3SU1 SERIES

MOTOR CONTACTOR
 ABB
 AX18-30-10-84-10-84

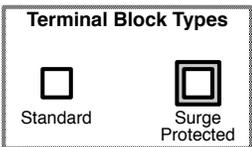
PUMP RUN LIGHT
 SIEMENS 3SU1 SERIES

RAIN SENSOR RELAY
 IDEC RJ2S-CL-A120

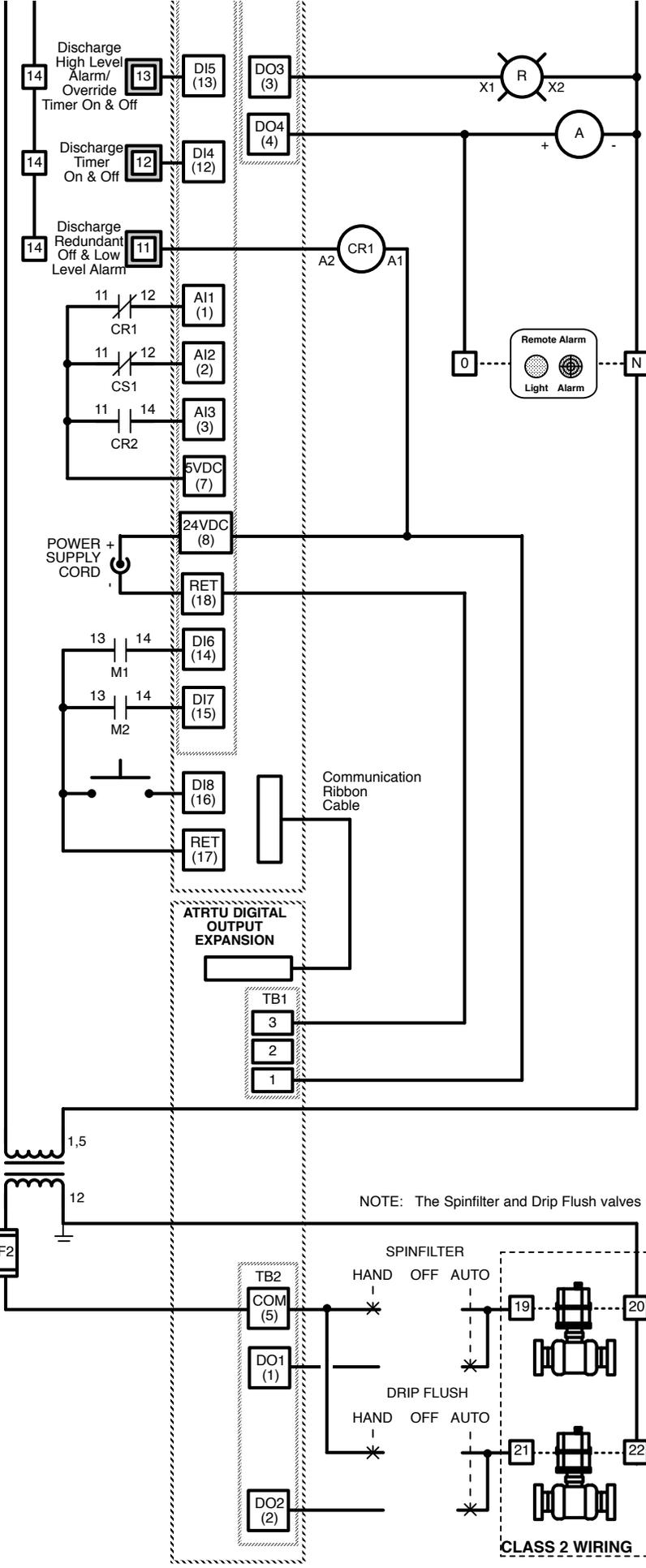
For *recirc. pump* float arrangement diagram, see drawing no. "EDW-FS-AX-2".

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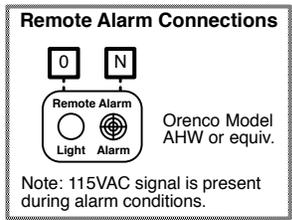
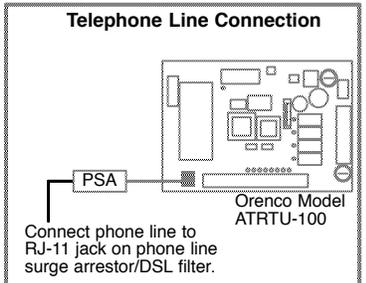
For **discharge pump float** arrangement diagram, see drawing no. "EDW-FS-AX-4".



PUSH AND HOLD TO SILENCE



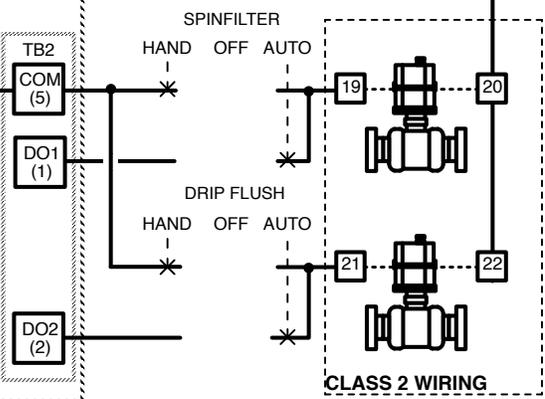
- LEVEL ALARM LIGHT
SIEMENS 3SU1 SERIES
- AUDIBLE ALARM
FLOYD BELL
SP-1081
- CONTROL RELAY
IDEC
RJ2S-CL-D24
- REMOTE ALARM
(AHW OR EQUIV.
115 VAC ALARM)



MANAGEMENT SYSTEM
ORENCO
ATRТУ-4DO
Rev. A

For VCOM-AXB20B/PTUV IB RG operation description, see drawing no. "EIN-CP-OP-2109".

NOTE: The Spinfilter and Drip Flush valves must be NORMALLY CLOSED.

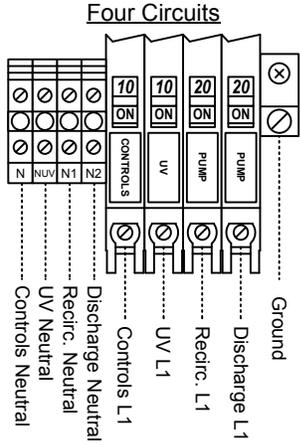


SPINFILTER
24VAC VALVE
PROVIDED BY OTHERS

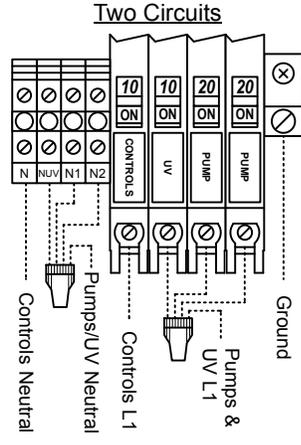
DRIP FLUSH
24VAC VALVE
PROVIDED BY OTHERS

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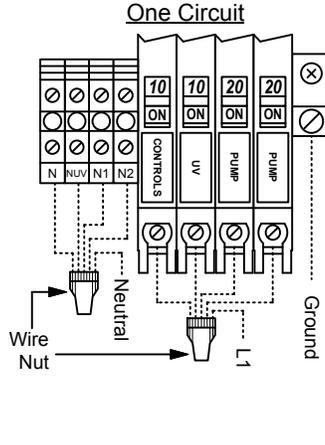
Power Wiring Options



Factory default.
Wire as shown.



Use one wire nut to connect each pump circuit breaker and UV breaker together with the incoming L1 power line. Use another wire nut to connect the neutral block of each pump and UV with the incoming neutral line.



Use one wire nut to connect each pump circuit breaker with the controls and UV breakers, together with the incoming L1 power line. Use another wire nut to connect the neutral block of each pump with the controls and UV neutral blocks and with the incoming neutral line.