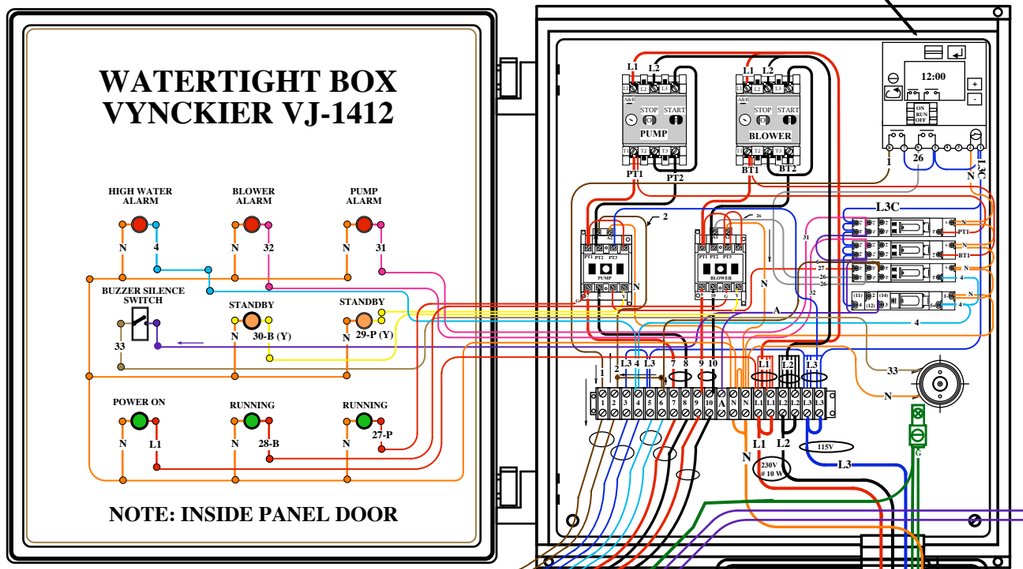
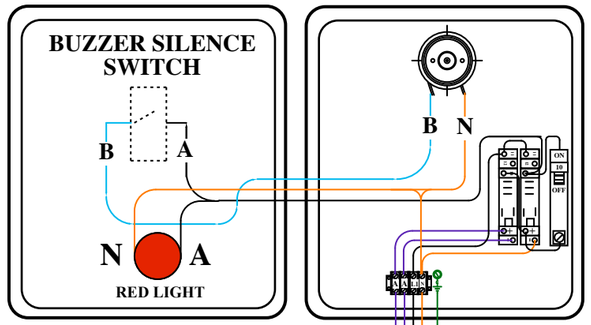
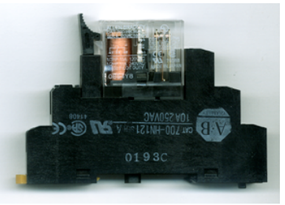
OMRON H5L WEEKLY TIMER







AB Control Relay Model 700HN-122

GROUND (GREEN WIRE)
NEUTRAL (WHITE WIRE)
HOT WIRE 115 VOLTS (BLACK WIRE)
115 VOLTS WIRE DIRECT FROM HOUSE PANEL

THE AQUAROBIC REMOTE LATCHING REMOTE ALARM

THE RED LIGHT WILL STAY ON UNTIL
THE SERVICE PROVIDER TURNS IT OFF MANUALY

THE HOME OWNER CAN SILENCE THE BUZZER
MANUALLY BY TURNING OFF THE SWITCH

THE ALARM WILL RESPOND TO:
HIGH WATER,
PUMP ON OVERLOAD,
BLOWER ON OVERLOAD,

SIGNAL WIRES FROM
EXTRA FLOAT SWITCH FLS # 4

SIGNAL WIRES FROM
EXTRA FLOAT SWITCH FLS # 4

GROUND WIRES (GREEN)

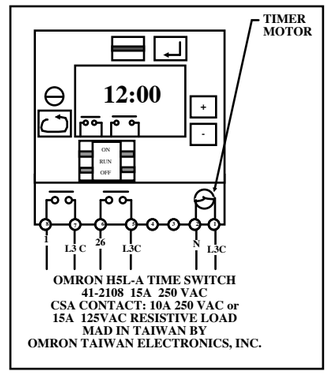
LINE "L3" CONTROL & ALARM (BLUE)

LINE # 1 WIRE FROM 125 AMP SERVICE FROM MAIN BREAKER

LINE # 2 WIRE FROM 125 AMP SERVICE FROM MAIN BREAKER

NEUTRAL WHITE WIRE FROM 125 AMP SERVICE FROM PANEL

GROUND WIRE GREEN WIRE FROM MAIN GROUND



OMRON H5L-A TIME SWITCH
41-2108 15A 250 VAC
CSA CONTACT: 10A 250 VAC or
15A 125VAC RESISTIVE LOAD
MAD IN TAIWAN BY
OMRON TAIWAN ELECTRONICS, INC.

TERMINAL BAR IN JUNCTION BOX

EMERGENCY PUMP ON FLS#3

HIGH WATER ALARM FLS#2

LOW LEVEL PUMP OFF FLS#1

1/3

1/3

1/3

FLS # 4
REMOTE HIGH WATER
ALARM

EFFLUENT
PUMP 1PH
230V

TANK 3 TIME DAILY
WATER USE

NEUTRAL

IMPORTANT
NEUTRAL LINE
MUST BE CONNECTED

6' GROUNDING ROD

SUB FEED DISTRIBUTION PANEL FOR SYSTEM
FROM A 125 AMPS BREAKER IN MAIN SERVICE PANEL

NOTES FOR THE MINI-PLANT

1. THE CONCEPT HEREIN DISCLOSED IS PROPRIETORY WITH AQUAROBIC INTERNATIONAL INC. AND MAY NOT BE REPRODUCED OR USED WITHOUT PRIOR WRITTEN AUTHORIZATION.
2. FLS # 1 LOW WATER PUMP SHUT OFF SWITCH, TURNS PUMP OFF.
3. FLS # 2 HIGH WATER ALARM SWITCH, TURNS RED LIGHT AND ALARM BELL ON AND BLOWER OFF UNTIL PROBLEM HAS BEEN CORRECTED.
4. FLS # 3 EMERGENCY TRANSFER PUMP ON SWITCH, TURNS PUMP ON TO PREVENT BLOWER FROM FLOODING, THE PUMP RUNS UNTIL LEVEL REACHES THE HIGH WATER ALARM SWITCH (FLS-3) THE PLANT HAS BEEN SETTLING WITH OUT AERATION FOR SOME TIME BEFORE THIS PUMPING TAKES PLACE.
5. FLS # 4 HIGH WATER SWITCH FOR REMOTE ALARM IN HOUSE.
6. THE TANK MUST HAVE A MINIMUM OF THREE TIMES DAILY USE CAPACITY TO PROCESS THE DAILY USE
7. THE INTAKE OF THE TRANSFER PUMP MUST BE SUSPENDED UP TO THE 1/3 MARK FROM THE BOTTOM OF THE TANK.
8. THE CONSTRUCTION DETAILS OF THE CONCRETE TANK SHOWN ARE INTENDED ONLY AS A DESIGN GUIDE FOR USE BY ASSOCIATED ARCHITECTS / ENGINEERS AND IS BASED ON CONSTRUCTION PRACTICES OBSERVED.
9. AQUAROBIC INTERNATIONAL, INC. IS NOT RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE CONCRETE TANK.

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Web Page: http://www.aquarobicinternational.com

SCALE: N.T.S. MODEL # CP-54291-5 - 6 - 7.5 & 8 - 230V -1PH. BY: D. E. P AVON

THE MINI PLANT CONTROL PANEL
CP-54291- -230V. 1 PH.
WITH SEPARATE LATCHING REMOTEALARM CIRCUIT

DRAWING NO: 082205-PW

DATE : 12 / 29 /2009