Panel Wiring Diagram Options* Model DAX2 RO 0002 9 9 9 5 1 0 M1 CR1 Options* 0 0 0 2 5 ETM 999510 Options X2 G X1 нт G PL X1 M2 MAN ALT T2 Terminal 7 1 3 - 5 6 8 9 10 11 Strip For float arrangement diagram, Controls Controls Pump 1 Pump 2 Ground see drawing no. L1 L2/N "EDW-FA-DAX-2". 230 VAC / 3 Hp. 230 VAC / 3 Hn 115 VAC / 1 Hp. 115 VAC / 1 Hp. From Main Power Panel 230/115 VAC, 1 Phase, 60 Hz. Main disconnect NOTE: Motors must have provided by others. internal overload protection **Remote Alarm Connections** *Power Wiring Options: 230 VAC Pumps Orenco Model

Note: 115VAC signal is present during alarm conditions.

AHW or equiv.

*Removal of Alarm / Lag Link Rail

Removal of the terminal link rail will separate the

high level alarm and Lag Pump On functions.

Terminal Link Rail

Three Circuits Two Circuits One Circuit Pump1 L1 Pump1 Factory default. Use one wire nut to connect the first Use one wire nut to connect the first pole of each pump circuit breaker pole of each pump circuit breaker together with the incoming L1 power together with the controls breaker and the incoming L1 power line. Use another wire nut to connect the second pole of line. Use another wire nut to connect the second pole of each pump circuit breaker together with the incoming L2 each pump circuit breaker with the incoming L2 power line.



Duplex Operation

High Level Alarm: This float activates the alarm light and audible alarm when lifted. The audible alarm may be silenced by pressing the illuminated PUSH TO SILENCE button on the front of the control panel. The alarm light will remain on until the float is lowered.

Lag Pump On: This float turns on the lag pump when lifted. The pump will continue to run until the Pumps Off float is lowered.

<u>Lead Pump On:</u> This float turns on the lead pump when lifted. The pump will continue to run until the Pumps Off float is lowered.

Pumps Off: This float turns off the pumps when lowered.

Redundant Off & Low Level Alarm: This float turns off the pump(s) when lowered. This float is a secondary off float which will operate if the Pumps Off float fails. Pumping will be disabled in both the automatic and manual modes. This float also activates the alarm light and audible alarm. The audible alarm may be silenced by pressing the illuminated PUSH TO SILENCE button on the front of the control panel. The alarm light will remain on until the float is lifted.

Key

= Factory Wire

---- = Field Wire = Alternate Field Wire

= Audio Alarm. 115 VAC

L = Alarm Light

ALT = Duplex Alternator

AS = Audio Silence Switch

CCB = Controls Circuit Breaker

CR1 = Low Level Alarm Relay

CR2 = Redundant Off Relay

M = Motor Contactor
PCB = Pump Circuit Breaker

SR = Silence Control Relay

TL = Terminal Link

IL = Ferminal Li

*Options

CT = Cycle Counter

ETM = Elapsed Time Meter

HT = Heater

PL = Power Light
PRL = Pump Run Light

814 AIRWAY AVENUE SUTHERLIN, OREGON 97479-9012

TELEPHONE: (800) 348-9843 (541) 459-4449

WEBSITE:

www.orenco.com

