
COX

Research and Technology, Inc.

SIMPLEX PUMP CONTROL PANEL

Cox Research and Technology, Inc.
14697 S. Harrells Ferry Road
Baton Rouge, LA. 70816
(225) 756-3271 Fax (225) 755-1030

CP-1492

VOLTAGE	230V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	1	
HP	5	
FLA	28	
TYPE OF PUMP	Self-Priming	(Self-Priming, Submersible)
MANUFACTURER		
CATALOG NUMBER		

CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Fiberglass	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Floats	(Floats, Bubbler, Other)
CAPACITORS		(Yes, No)
CAPACITOR WIRING FIGURE		
THERM. & SEAL FAIL WIRING FIGURE		

OPTIONS:

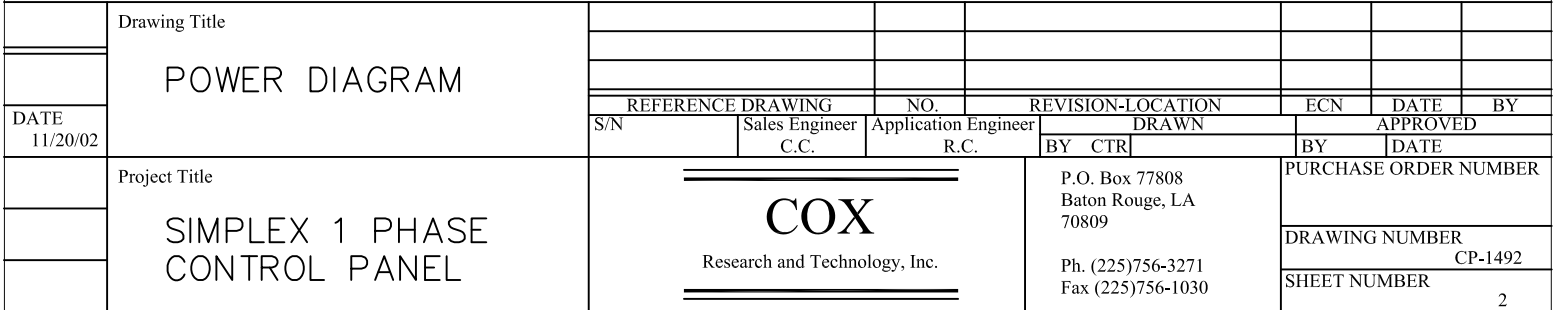
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER		
ELAPSED TIME METER		
PHASE MONITOR		
NEMA RATED STARTERS		
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

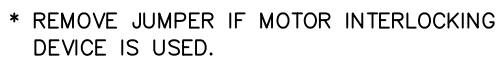
SOLD TO: Quality Wastewater

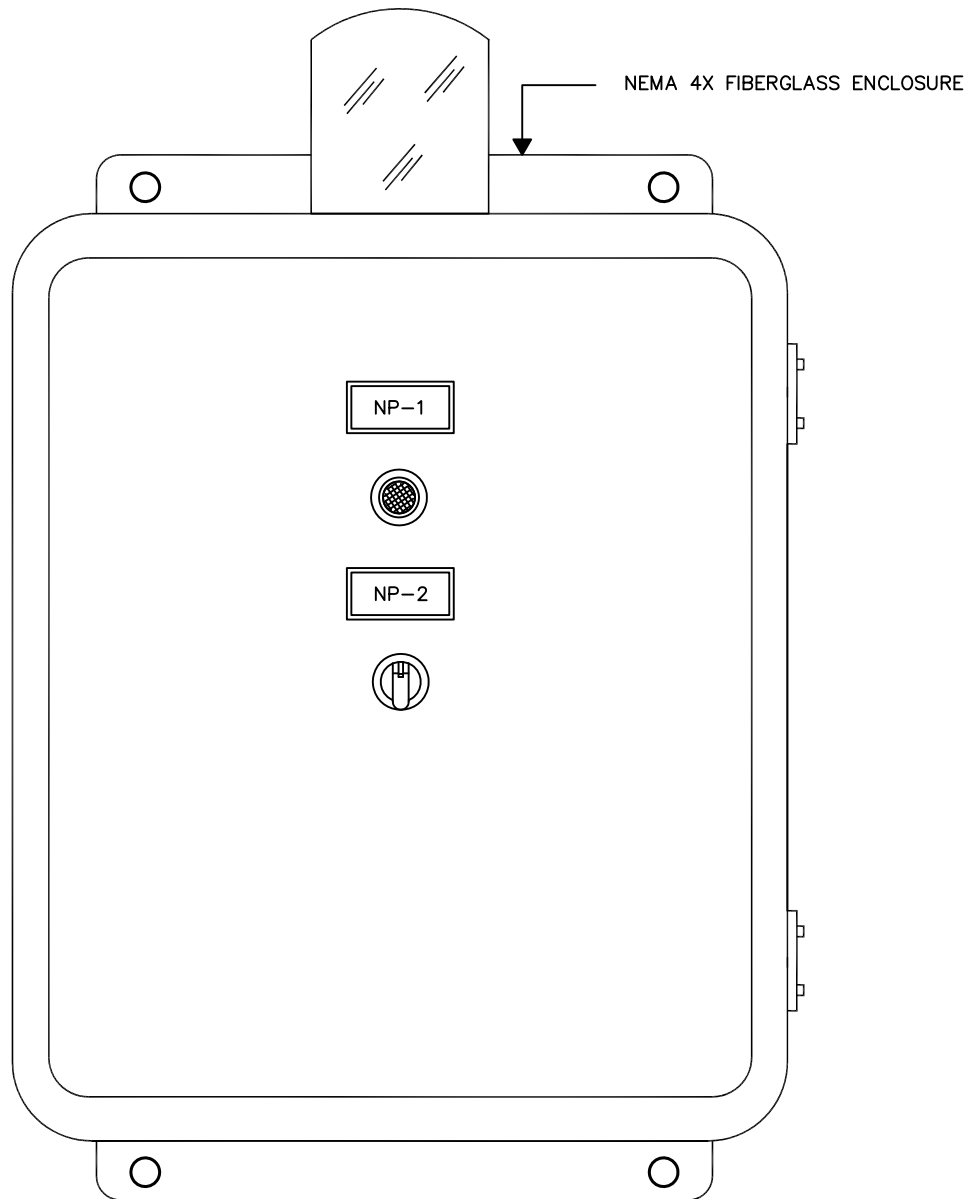
TAG : Mike Walker

SHIP TO: _____

	Drawing Title							
	PANEL DESCRIPTION							
DATE 11/20/02			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE
	Project Title	<div style="text-align: center;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	SIMPLEX 1 PHASE CONTROL PANEL				Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1492	
					SHEET NUMBER 1			



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VIEW OF FRONT OF PANEL

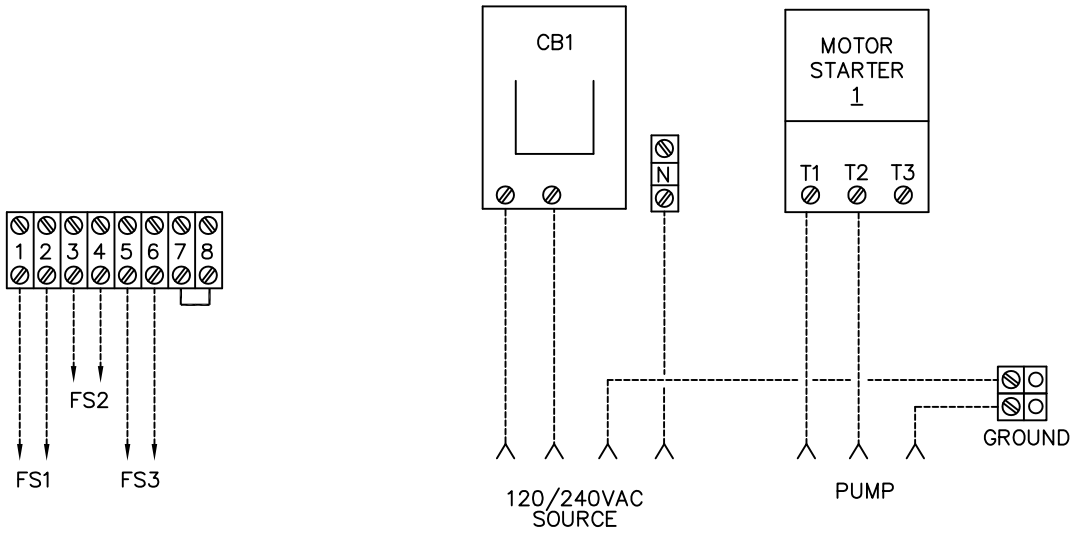
NOTE:
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASSES.

NAMEPLATE SCHEDULE

NP-1 RUN
NP-2 HAND OFF AUTO

	Drawing Title <
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FS1 – FLOAT SWITCH 1
PUMP OFF
FS2 – FLOAT SWITCH 2
PUMP ON
FS3 – FLOAT SWITCH 3
HIGH LEVEL ALARM



	Drawing Title						
	EXTERNAL CONNECTIONS						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
11/20/02		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY	DATE
	Project Title	<div>COX</div> Research and Technology, Inc.			PURCHASE ORDER NUMBER		
	SIMPLEX 1 PHASE CONTROL PANEL				DRAWING NUMBER CP-1492		
					SHEET NUMBER 5		
		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030					

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1412HPL	ENCLOSURE
1a	1	VYNCKIER	BP1412AL	BACKPLATE
2	1	ABB	A30-30-10-84	MOTOR STARTER
3	1	ABB	TA25DU32	O.L. RELAY (24-32A)
4	1	SQUARE D	QOU260	CIRCUIT BREAKER
5	1	ACI	JR22FR	RED PIOLT LIGHT
6	1	ACI	JR22P3M20B	HOA SWITCH
7	1	INGRAM	MX-15	ALARM LIGHT
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	Drawing Title							
	<h3 style="margin: 0;">BILL OF MATERIALS</h3>							
DATE 11/20/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	Application Engineer R.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE	BY
		APPROVED			BY	DATE		
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <h2 style="margin: 0;">COX</h2> <p style="margin: 0; font-size: small;">Research and Technology, Inc.</p> </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1492 SHEET NUMBER 6	
	<h3 style="margin: 0;">SIMPLEX 1 PHASE CONTROL PANEL</h3>							