
COX

Research and Technology, Inc.

SIMPLEX PUMP
CONTROL PANEL
AFFORDABLE WASTEWATER

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

CP-1763

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	1	
HP	2	
FLA	11.8	
TYPE OF PUMP	Self-Priming	(Self-Priming, Submersible)
MANUFACTURER	G-R	
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	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

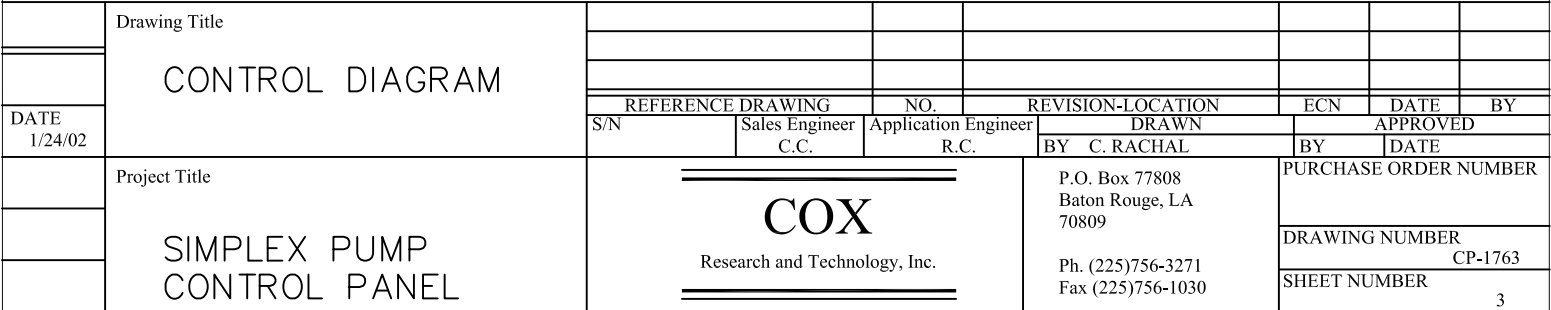
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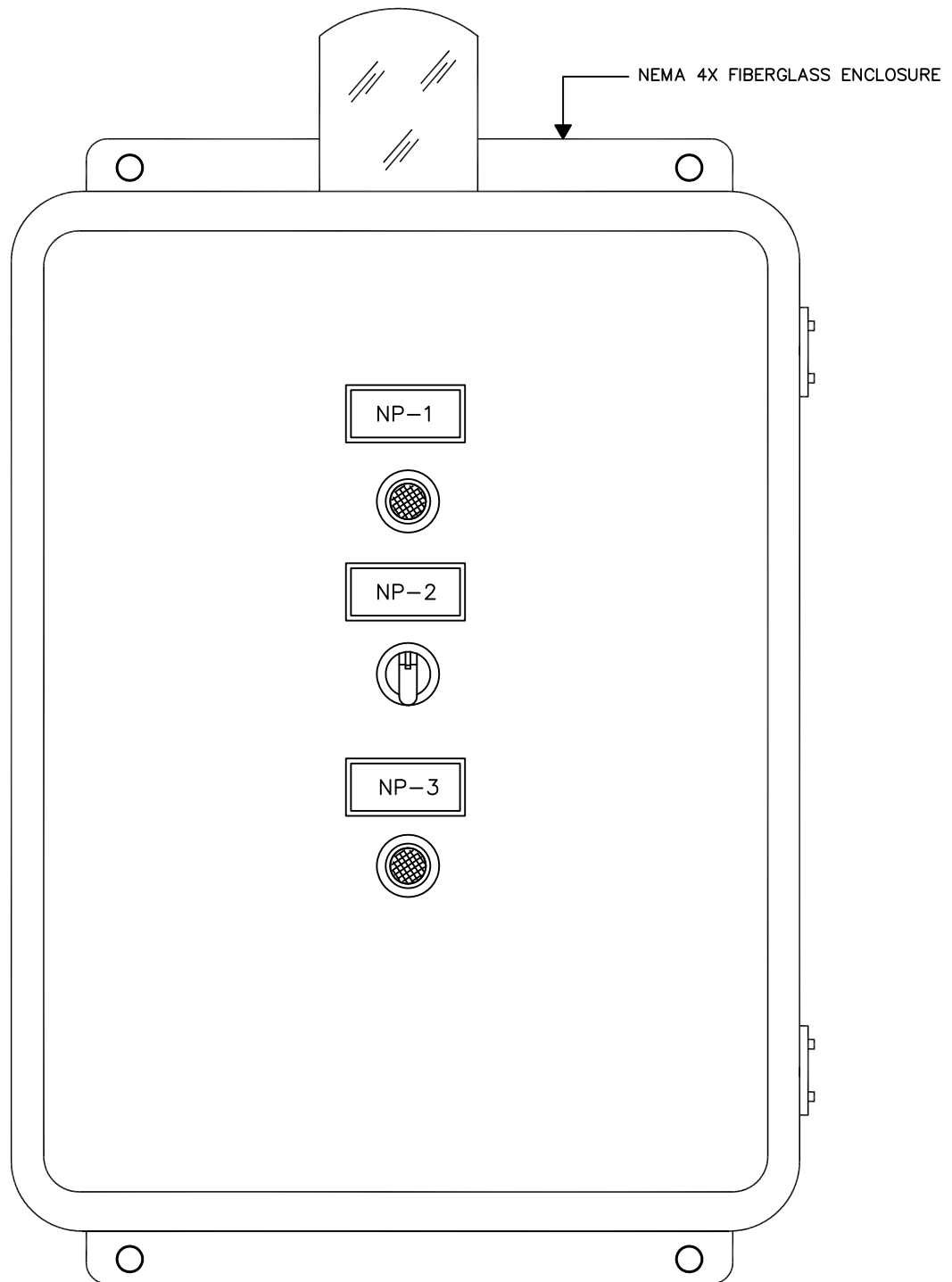
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER		
ELAPSED TIME METER		
PHASE MONITOR		
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: Delta Process - Denham Springs, LA
TAG : AFFORDABLE WASTEWATER

SHIP TO: Delta Process - Denham Springs, LA

	Drawing Title						
	PANEL DESCRIPTION						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
3/03/04		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	BY	DATE
	Project Title	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1763 SHEET NUMBER 1
	SIMPLEX PUMP CONTROL PANEL						





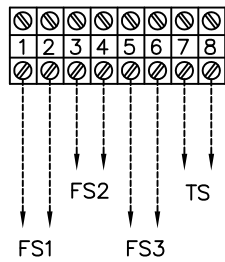
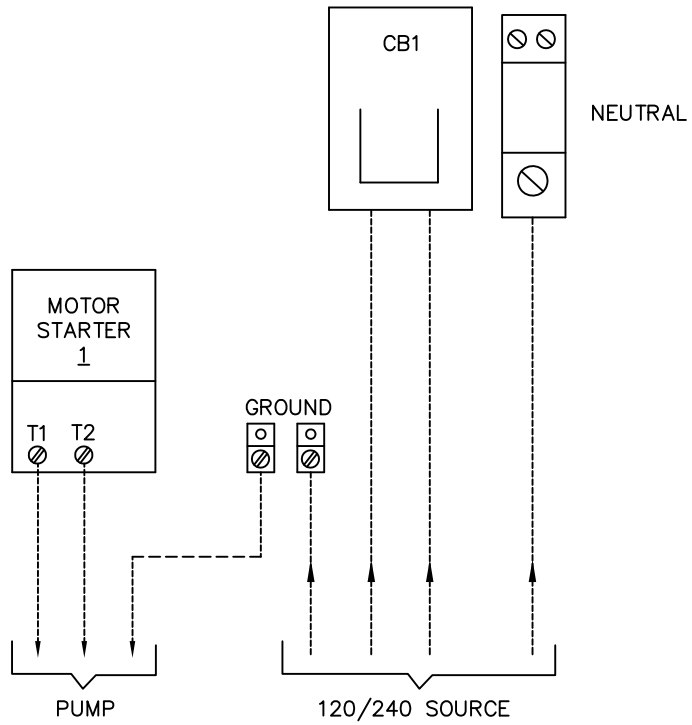
VIEW OF FRONT DOOR

NAMEPLATE SCHEDULE

NP-1	PUMP RUN
NP-2	HOA
NP-3	HIGH TEMP

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

DATE 3/03/04	Drawing Title							
	ENCLOSURE							
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
	Project Title	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE	PURCHASE ORDER NUMBER
	SIMPLEX PUMP CONTROL PANEL	<div style="text-align: center;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809	DRAWING NUMBER CP-1763		
					Ph. (225)756-3271 Fax (225)756-1030	SHEET NUMBER 4		



FS1 – FLOAT SWITCH 1
PUMP OFF
FS2 – FLOAT SWITCH 2
PUMP ON
FS3 – FLOAT SWITCH 3
HIGH LEVEL ALARM
TS – TEMP. SWITCH 1

	Drawing Title						
	EXTERNAL CONNECTIONS						
DATE 3/03/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
	Project Title	DRAWN BY C. RACHAL			APPROVED BY		
	SIMPLEX PUMP CONTROL PANEL	PURCHASE ORDER NUMBER			DRAWING NUMBER CP-1763		
		SHEET NUMBER			5		

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1412HWPL	ENCLOSURE
1a	1	VYNCKIER	MP1412AL	BACKPLATE
2	1	ABB	A16-30-10-84	MOTOR STARTER
3	1	ABB	TA25DU14	O.L. RELAY (10-14A)
4	1	SQUARE D	QOU225	CIRCUIT BREAKER
5	1	ACI	JR22FR	RED PILOT LIGHT
6	1	ACI	JR22P3M20B	HOA SWITCH
7	1	ACI	JR22FY	YELLOW PILOT LIGHT
8	1	OMRON	G2R1SAC120	RELAY
9	1	INGRAM	MX15	ALARM LIGHT
10				
11				
12				
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15				
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22				
23				
24				
25				

	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 1/24/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
				DRAWN BY C.RACHAL	APPROVED BY DATE		
	Project Title	<div style="border-top: 3px double black; border-bottom: 3px double black; padding: 5px 0;"> <h1 style="margin: 0;">COX</h1> <p style="margin: 0;">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-1763 SHEET NUMBER <div style="text-align: right;">6</div>
	<h2 style="margin: 0;">SIMPLEX PUMP CONTROL PANEL</h2>						