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# COX

Research and Technology, Inc.

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## AMARIS ISLE FEQ BLOWER CONTROL PANEL

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

CP-2092

VOLTAGE	<u>120/240V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>1/60</u>	
NO. MOTORS	<u>1</u>	
HP	<u>2</u>	
FLA	<u>12</u>	
TYPE OF PUMP	<u>Blower</u>	(Self-Priming, Submersible)
MANUFACTURER	<u></u>	
CATALOG NUMBER	<u></u>	
CONTROL VOLTAGE	<u>120V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 4X</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>Fiberglass</u>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<u>Clock</u>	(Floats, Bubbler, Other)
CAPACITORS	<u>No</u>	(Yes, No)
CAPACITOR WIRING FIGURE	<u>N/A</u>	
THERM. & SEAL FAIL WIRING FIGURE	<u></u>	

OPTIONS:

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

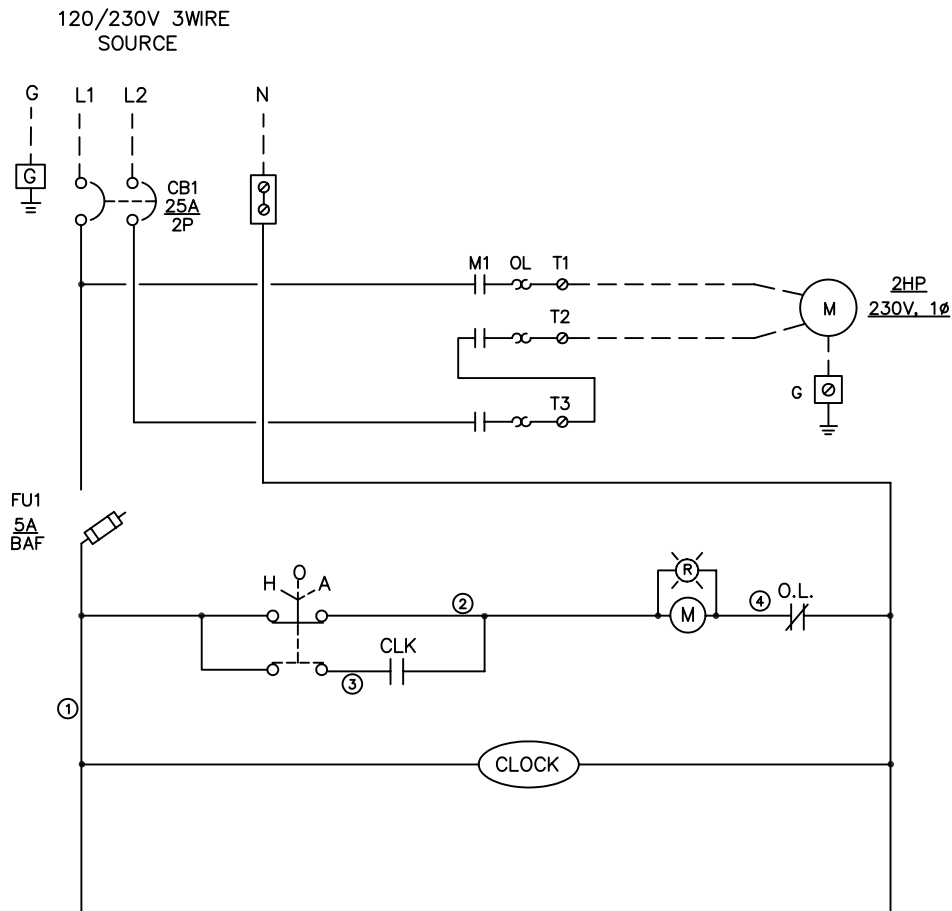
SOLD TO: Delta Process - New Orleans, LA

TAG : AMARIS ISLE

FEQ BLOWER CONTROL PANEL

SHIP TO: Delta Process - Denham Springs, LA

	Drawing Title							
	PANEL DESCRIPTION							
DATE 6/30/05			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div style="text-align: center;"> <b>COX</b>  Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	SIMPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2092	
					SHEET NUMBER 1			

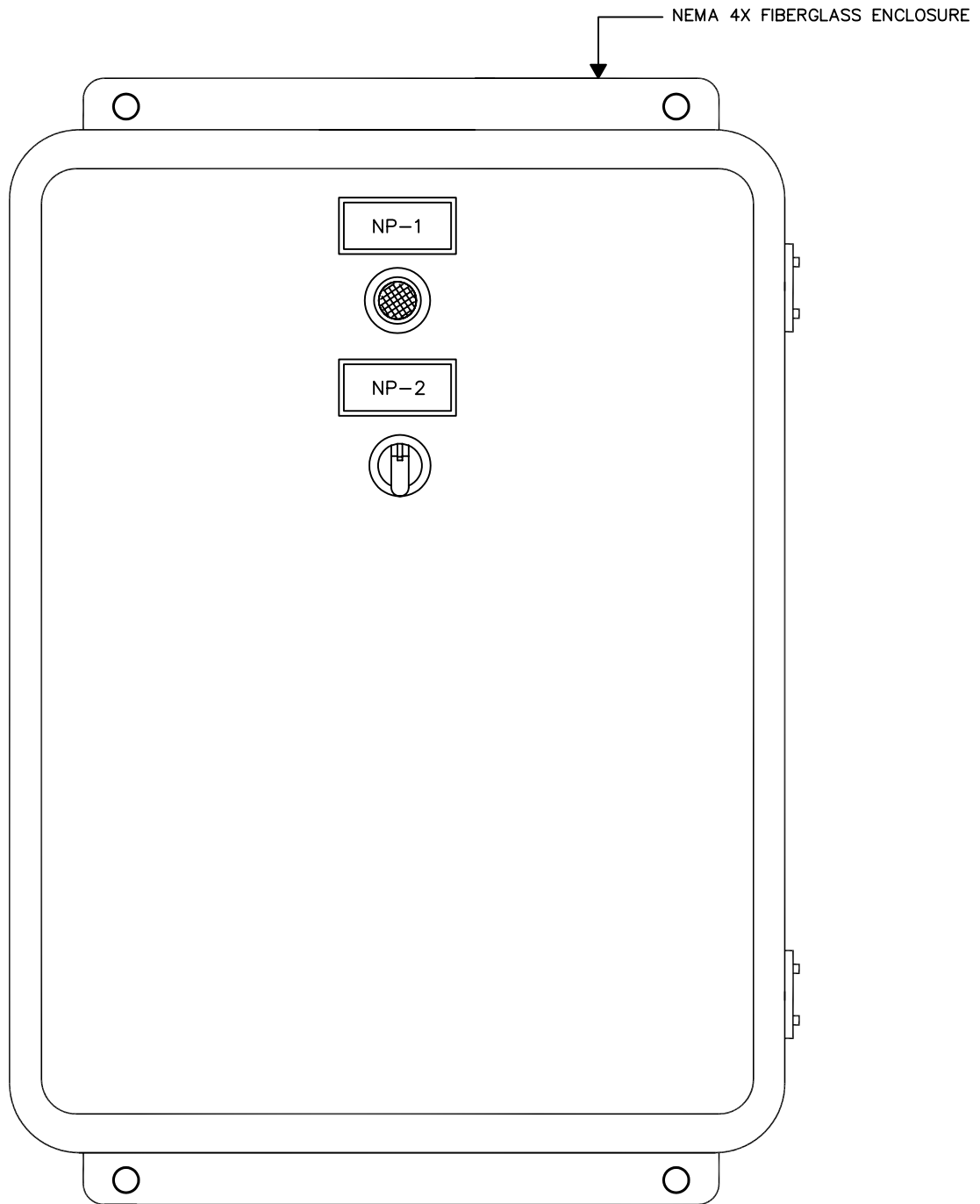


CLOCK - PINS OUT= TIME THAT COMPRESSOR WILL BE ON  
PINS IN= TIME THAT COMPRESSOR WILL BE OFF

ON CLOCK MAKE SURE THAT THE MANUAL-AUTO-OFF LEAVER IS IN THE CENTER POSITION (AUTO).

⬡ DENOTES PANEL TERMINAL  
-- DENOTES FIELD WIRING

	Drawing Title							
	POWER/CONTROL DIAGRAM							
DATE 6/30/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	BY C. RACHAL	ECN	DATE	BY
	Project Title	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER		
	SIMPLEX COMPRESSOR CONTROL PANEL					DRAWING NUMBER CP-2092		
						SHEET NUMBER 2		



VIEW OF FRONT OF PANEL

NAMEPLATE SCHEDULE

NP-1	BLOWER RUN
NP-2	HOA

	Drawing Title							
	ENCLOSURE							
DATE 6/30/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY
	Project Title	<div style="text-align: center;"> <b>COX</b>  Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
	SIMPLEX COMPRESSOR CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2092		
						SHEET NUMBER		
						3		

# BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1412HPL	ENCLOSURE
1a	1	STAHLIN	BP1412AL	BACKPLATE
2	1	ABB	A16-30-11-84	MOTOR STARTER
3	1	ABB	TA25DU14	O.L. RELAY (10-14A)
4	1	SQUARE D	QOU225	CB1
5	1	MARATHON	1321580	NEUTRAL BLOCK
6	1	ACI	JR22P3M11B	HOA SWITCH
7	1	GRASSLIN	FM1/STUZZ	24 HOUR CLOCK
8	1	ACI	JR22FR	RED PILOT LIGHT
9				
10				
11				
12				
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14				
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16				
17				
18				
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20				
21				
22				
23				
24				
25				

	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 6/30/05		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	BY	DATE
	Project Title	<div style="border-top: 3px double black; border-bottom: 3px double black; padding: 5px;"> <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)755-1030		PURCHASE ORDER NUMBER  DRAWING NUMBER <div style="text-align: right;">CP-2092</div> SHEET NUMBER
	<h2 style="margin: 0;">SIMPLEX COMPRESSOR CONTROL PANEL</h2>						
		4					