
COX

Research and Technology, Inc.

DUPLEX BLOWER CONTROL PANEL

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

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	7 1/2	
FLA	22	
TYPE OF PUMP	Blower	(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, Bubbler, Other)
CAPACITORS		(Yes, No)
CAPACITOR WIRING FIGURE		
THERM. & SEAL FAIL WIRING FIGURE		

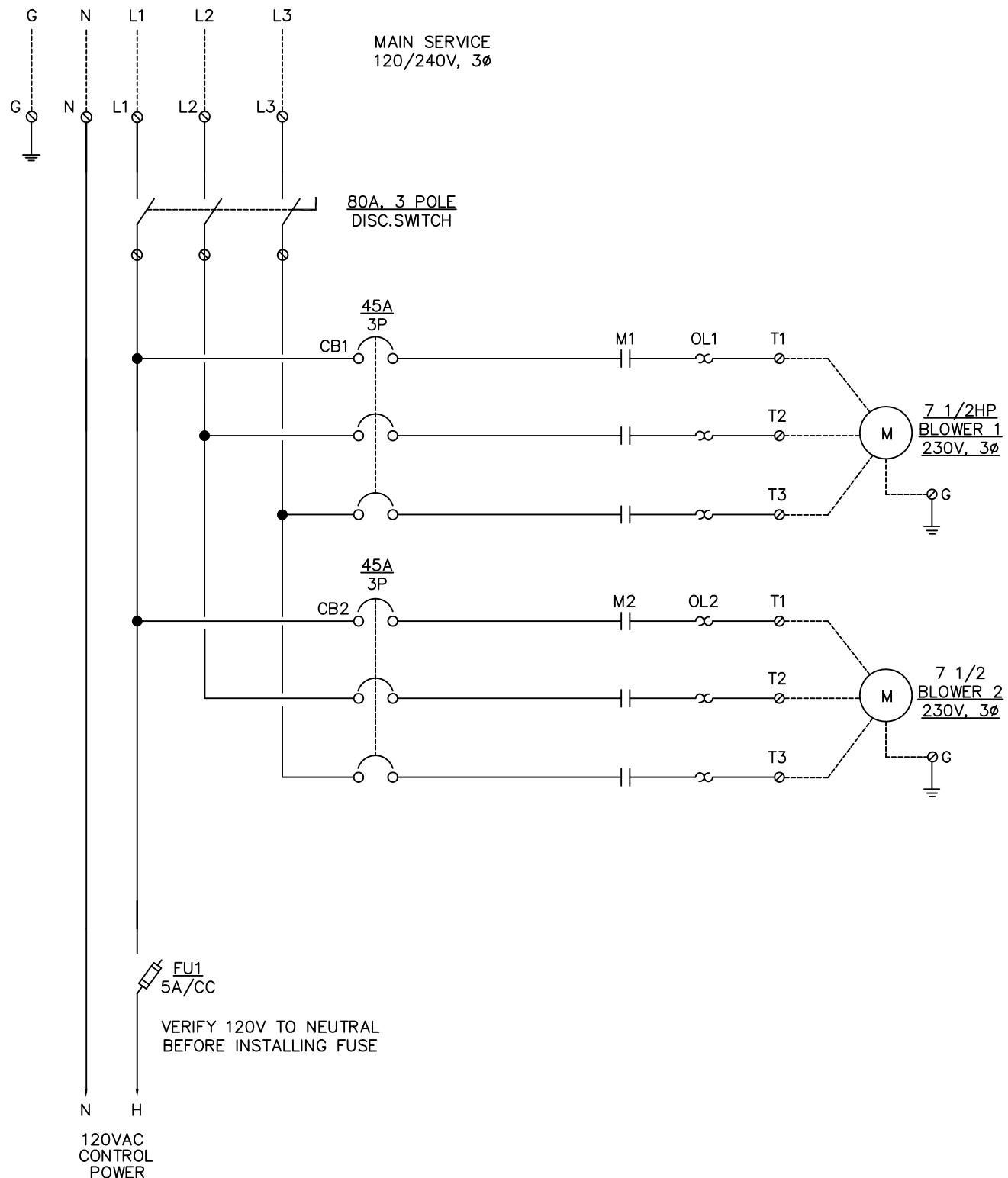
OPTIONS:

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		
LIGHT PANEL MTD		
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		

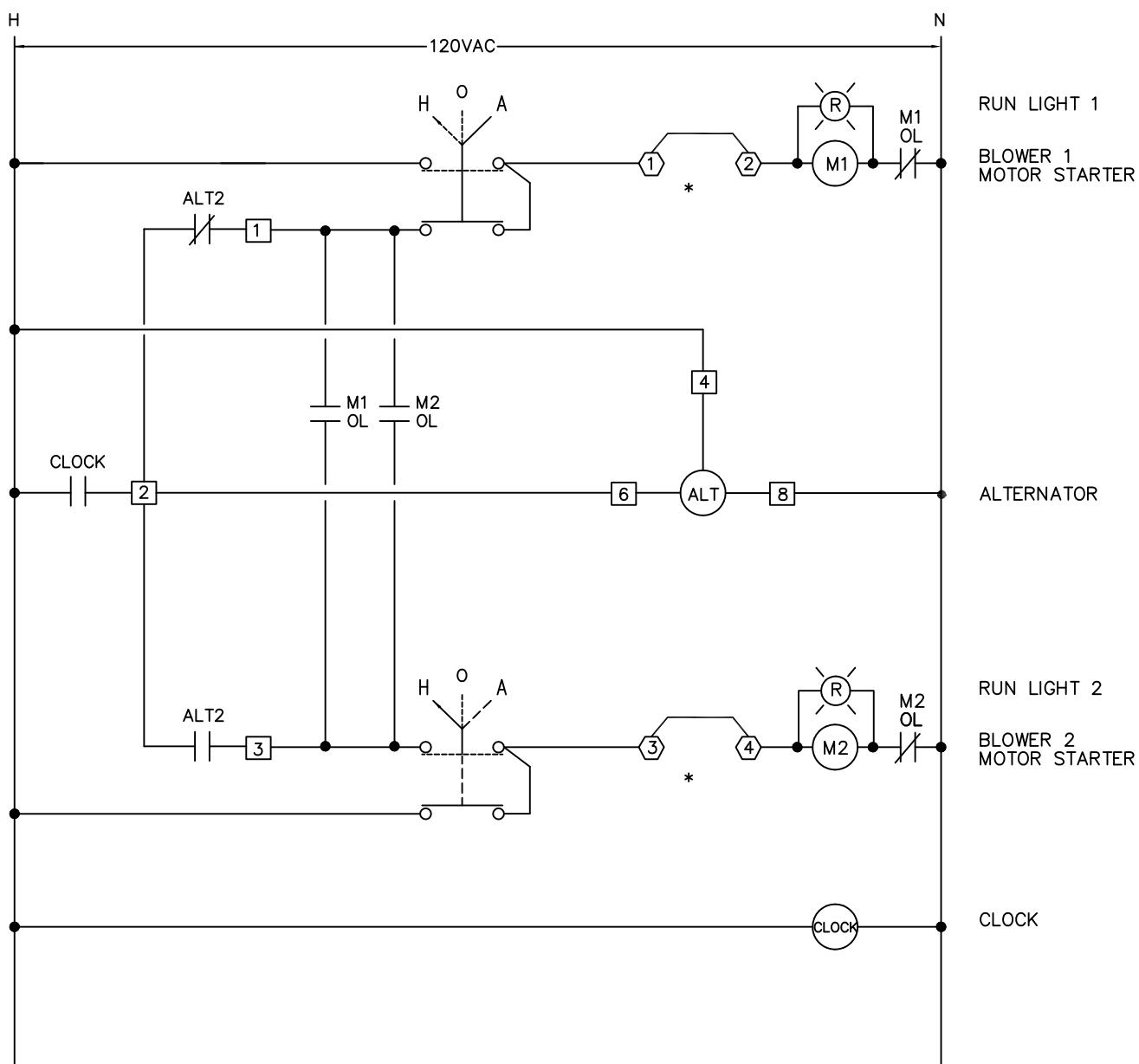
SOLD TO: Delta Process
TAG : Blower Control Panel

SHIP TO: Delta Process - Denham Springs, LA

	Drawing Title							
	PANEL DESCRIPTION							
		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
		S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	BY
			C.C.	R.C.	BY CTR		BY	DATE
DATE 8/20/02	Project Title DUPLEX BLOWER CONTROL PANEL	<u>COX</u> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER		
						DRAWING NUMBER		
				CP-1450		SHEET NUMBER		
				1				

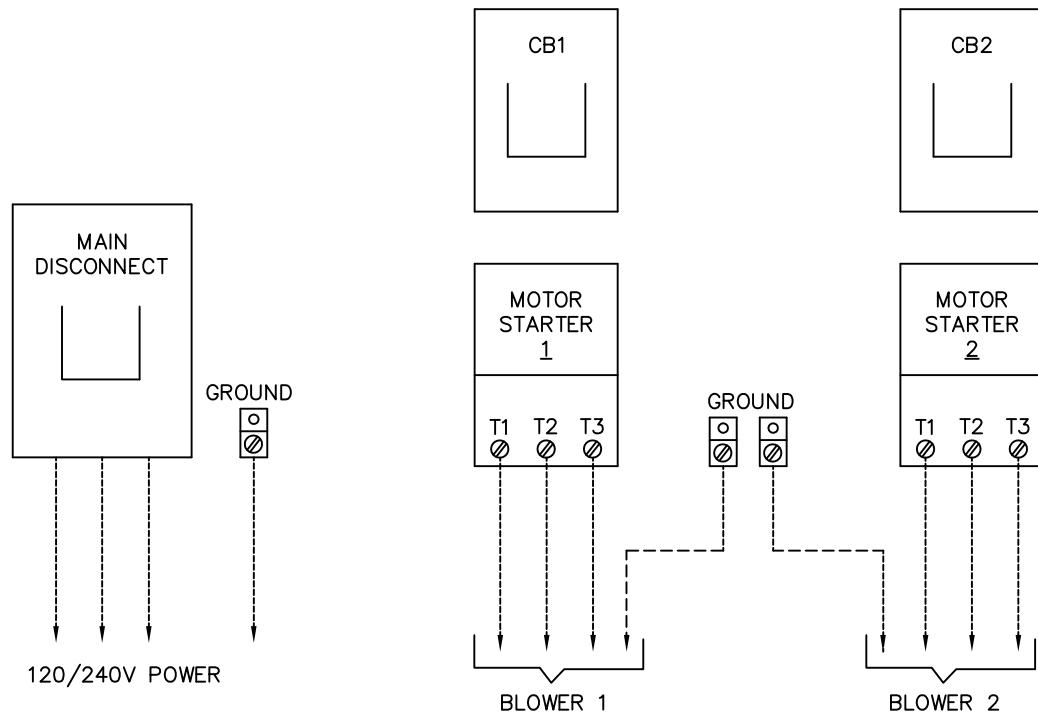


	Drawing Title POWER DIAGRAM				
DATE 8/20/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE APPROVED BY DATE
Project Title DUPLEX BLOWER CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1450 SHEET NUMBER 2	

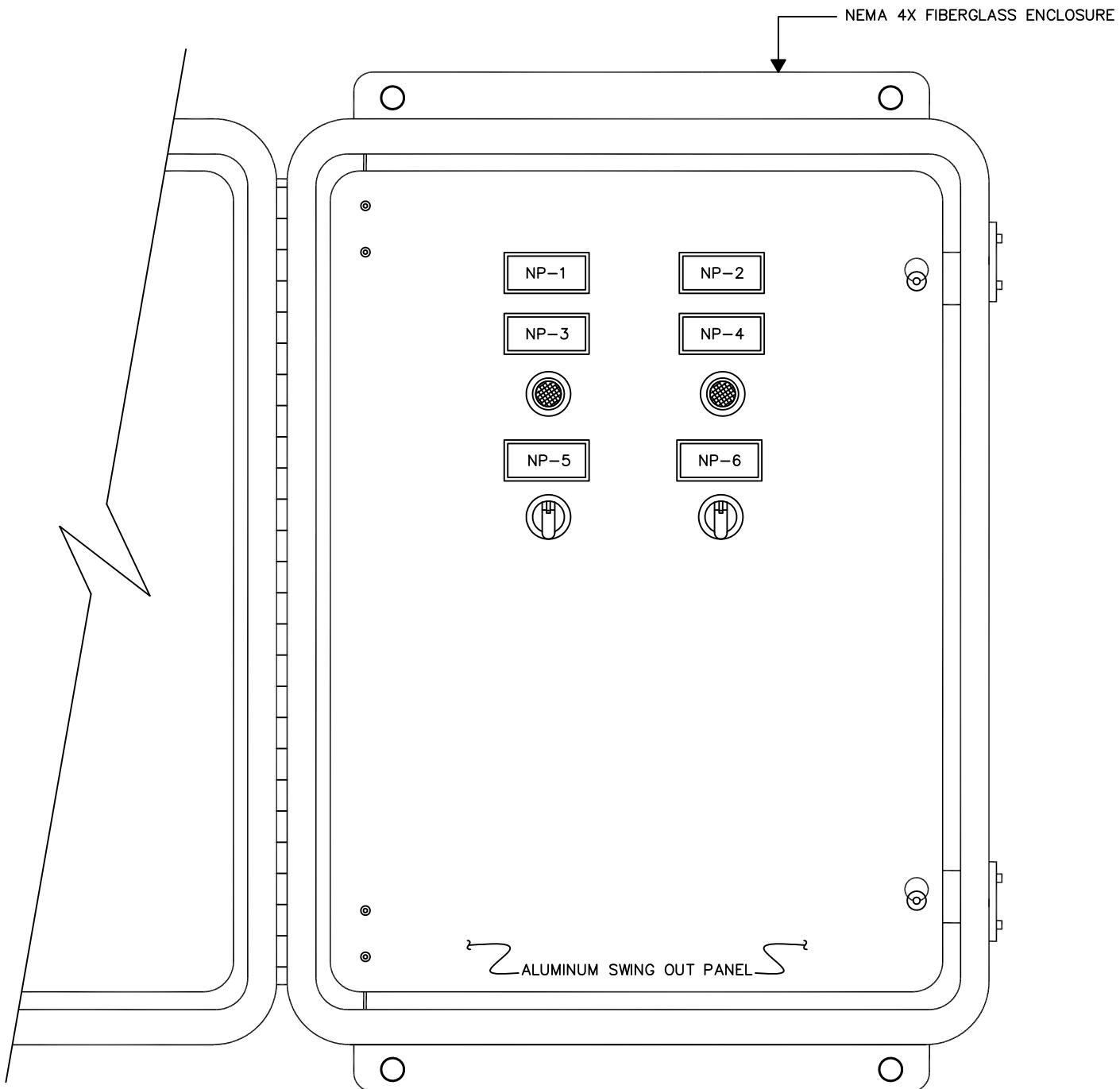


* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

	Drawing Title CONTROL DIAGRAM					
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE APPROVED BY DATE
DATE 8/20/02		Application Engineer R.C.				
	Project Title DUPLEX BLOWER CONTROL PANEL	<hr/> COX <hr/> Research and Technology, Inc. <hr/>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1450 SHEET NUMBER 3



	Drawing Title EXTERNAL CONNECTIONS					
DATE 8/20/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY DATE	BY
	Project Title DUPLEX BLOWER CONTROL PANEL		<hr/> <hr/> COX Research and Technology, Inc. <hr/> <hr/>	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1450 SHEET NUMBER 4	



NAMEPLATE SCHEDULE

NP-1	BLOWER 1
NP-2	BLOWER 2
NP-3	RUN
NP-4	RUN
NP-5	HOA
NP-6	HOA

NOTE:

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

	Drawing Title ENCLOSURE						
DATE 8/20/02	Project Title DUPLEX BLOWER CONTROL PANEL	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE APPROVED BY DATE	
		Application Engineer	R.C.				
		COX Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
				Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1450		
					SHEET NUMBER 5		

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPLDF	ENCLOSURE
2	1	STAHLIN	BP1816AL	BACKPLATE
3	2	ABB	A26-30-10-84	STARTER
4	2	ABB	TA25DU25	O.L. (18-25A)
5	2	SQUARE D	QOU345	CIRCUIT BREAKER 1,2
6	2	ACI	JR22P3M20B	H.O.A. SWITCH
7	1	TIMEMARK	261DT120	ALTERNATING RELAY
8	1	GRASSLIN	FM/1 STUZH-L	TIMER
9	2	ACI	JR22FR	RED PILOT LIGHT
10	1	MARATHON	6SC30A1I	FUSE HOLDER
11	1	ABB	OT63E3	DISCONNECT SWITCH

	Drawing Title									
	BILL OF MATERIALS									
DATE 8/20/02	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY			
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED				
			C.C.	R.C.	BY CTR	BY DATE				
	Project Title		<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER				
	DUPLEX BLOWER CONTROL PANEL					DRAWING NUMBER				
						CP-1450				
						SHEET NUMBER				
						6				