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# COX

Research and Technology, Inc.

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## SIMPLEX 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-1552

VOLTAGE	277/480V
PHASE/HZ	3/60
NO. MOTORS	1
HP	15HP - 21FLA
TYPE OF PUMP	BLOWER

CONTROL VOLTAGE	120V
ENCLOSURE	NEMA 4X
ENCLOSURE MATERIAL	FIBERGLASS
CONTROL SENSOR	OFF/ON

OPTIONS:

SEAL FAIL LIGHT	_____
HT PUMP SHUTDOWN	_____
ALARM HORN	_____
ALARM LIGHT	_____
ALARM PANEL MTD	_____
ALARM REMOTE MTD	_____
ALARM FLASHER	_____

SOLD TO: DELTA PROCESS, NEW ORLEANS, LA


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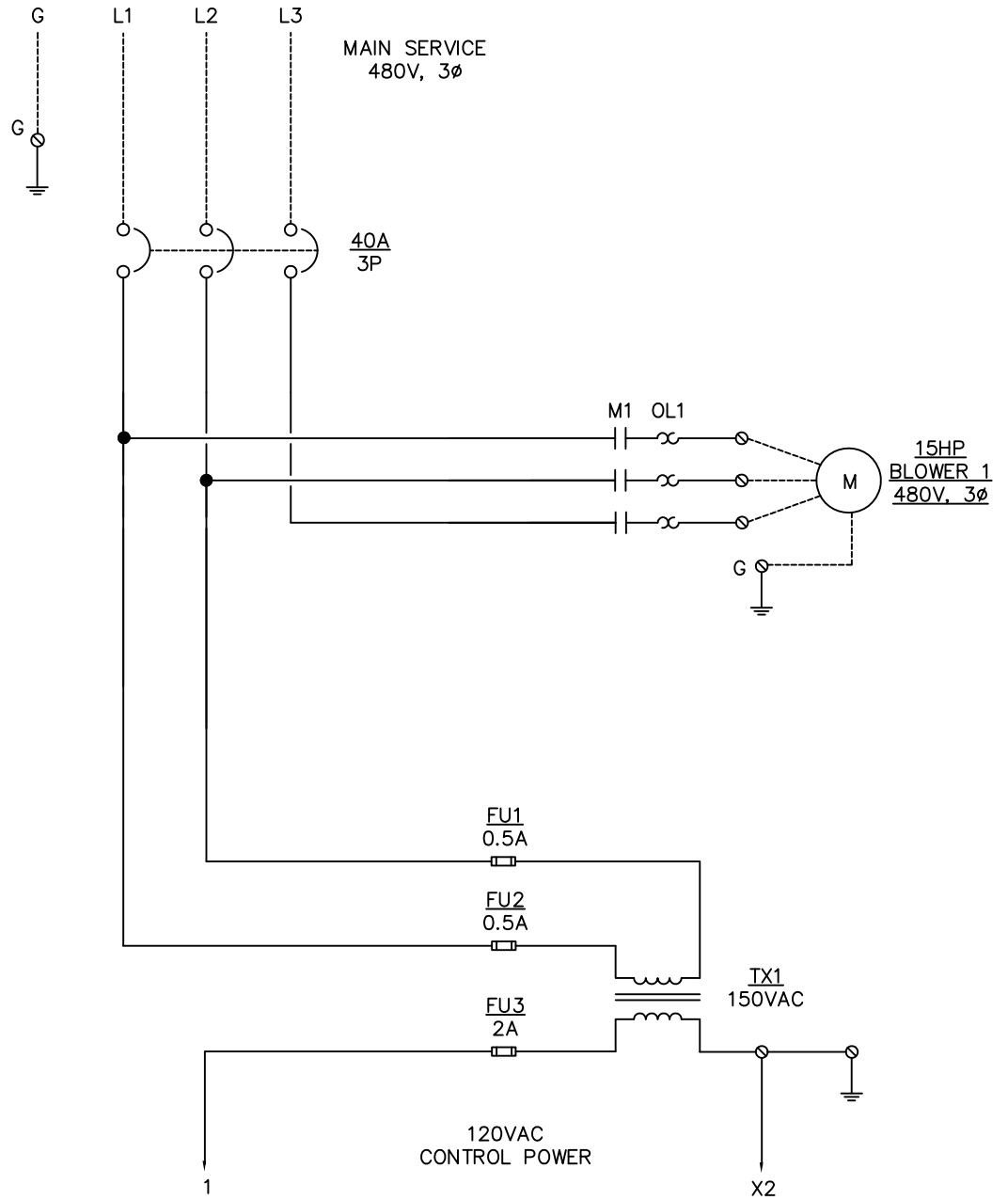
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SHIP TO: DELTA PROCESS, DENHAM SPRINGS, LA

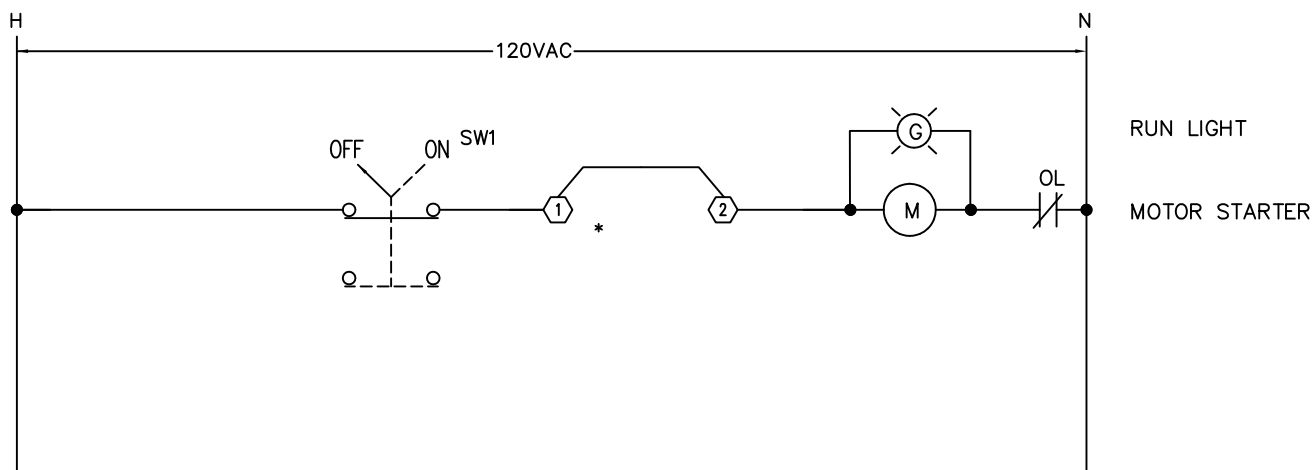
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Revision Information	Drawing Title												
	PANEL DESCRIPTION												
Date 4/16/03		REFERENCE DRAWING		NO.		Revision-Location		ECN		Date			
Time		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	By	CTR	Drawn	Approved	By	Date	
File Name		Project Title / Tag											
		SIMPLEX BLOWER CONTROL PANEL				<div style="text-align: center;">  <p>Research and Technology, Inc.</p> </div>				P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number CP-1552  Sheet Number 1	



Revision Information	Drawing Title											
	POWER DIAGRAM											
Date 4/16/03		REFERENCE DRAWING		NO.		Revision-Location			ECN		Date	By
		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn		Approved			
							By	CTR	Date	By	Date	
Time	Project Title / Tag						P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030			Purchase Order Number CP-1552		
	SIMPLEX BLOWER CONTROL PANEL									Sheet Number 2		
File Name												

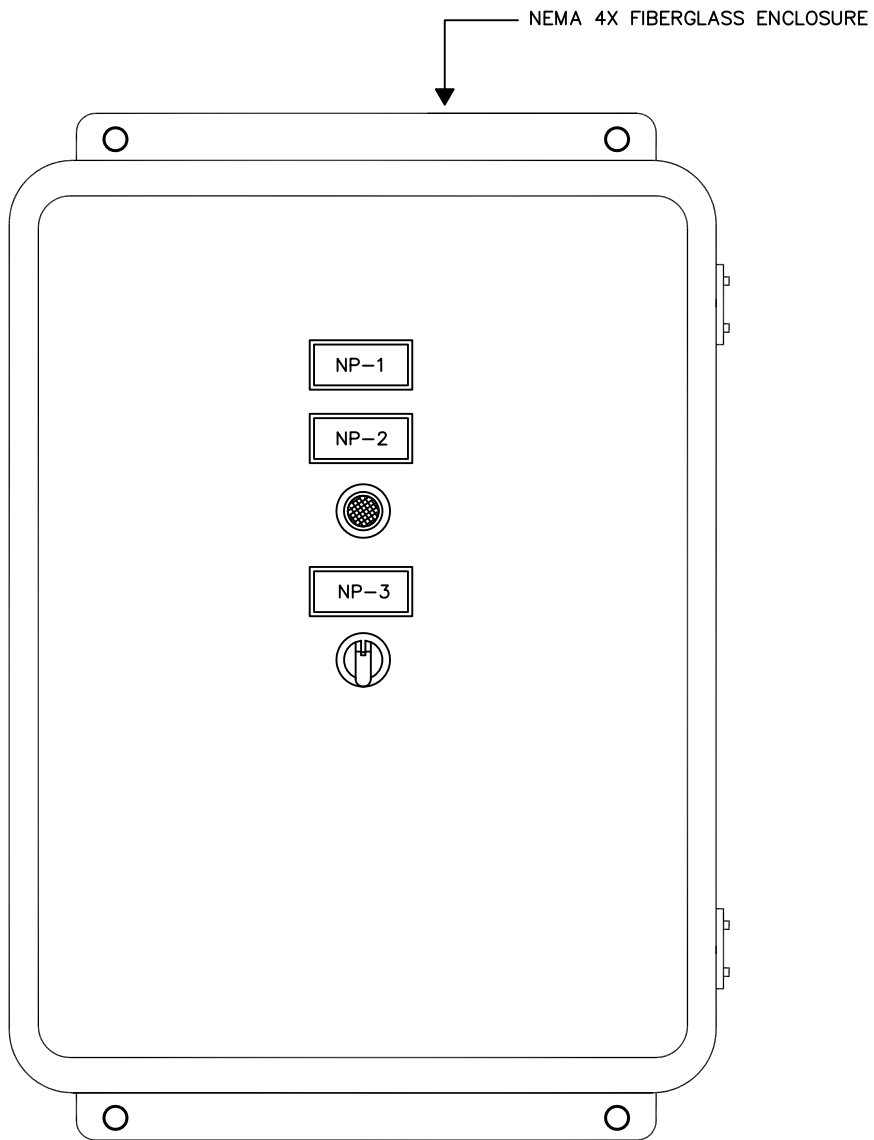


\* REMOVE JUMPER & INSTALL  
LOCKOUT DEVICES IF REQUIRED

LEGEND

	PANEL TERMINAL
	WIRING BY VENDOR
	WIRING BY CUSTOMER

Revision Information	Drawing Title								
	CONTROL DIAGRAM								
Date	4/16/03	REFERENCE DRAWING	NO.	Revision-Location	ECN	Date	By		
Time	Project Title / Tag	S/N	Sales Engineer C.C.	Application Engineer R.C.	By CTR	Drawn Date	Approved By	Date	
File Name	SIMPLEX BLOWER CONTROL PANEL	<div style="text-align: center;"> <b>COX</b>  Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030			Purchase Order Number CP-1552 Sheet Number 3	



VIEW OF FRONT OF ENCLOSURE

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

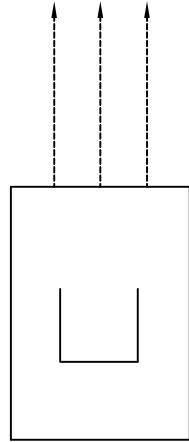
NAMEPLATE SCHEDULE

NP-1 BLOWER  
NP-2 RUN  
NP-3 OFF-ON

Revision Information	Drawing Title  ENCLOSURE										
Date 4/16/03		REFERENCE DRAWING		NO.		Revision-Location		ECN	Date	By	
		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	By	CTR	Drawn Date	Approved By	Date
Time	Project Title / Tag	<div>COX</div> <div>Research and Technology, Inc.</div>					P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number CP-1552		
	SIMPLEX BLOWER CONTROL PANEL						Sheet Number				
File Name CONTROL1.DWG							4				

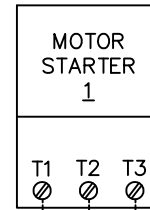


480V, 3Ø POWER

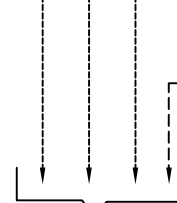


MAIN  
CIRCUIT BREAKER  
SWITCH

GROUND



GROUND



BLOWER

\* REMOVE JUMPER & INSTALL  
LOCKOUT DEVICES IF REQUIRED

Revision Information	Drawing Title								
	EXTERNAL CONNECTIONS								
Date	4/16/03	REFERENCE DRAWING	NO.	Revision-Location	ECN	Date	By		
Time	Project Title / Tag	S/N	Sales Engineer C.C.	Application Engineer R.C.	By CTR	Drawn Date	Approved By	Date	
File Name	CONTROL1.DWG	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number CP-1552 Sheet Number 5		

# BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1412HWPL	ENCLOSURE
2	1	VYNCKIER	VJ1412HWPL	BACKPLATE
3	1	ABB	A26-30-10-84	STARTER
4	1	ABB	TA25DU25	O.L. (18-25A)
5	1	ABB	S1N040TL	CIRCUIT BREAKER
6	1	SQUARE D	9070TF150D1	CONTROL TRANSFORMER
7	2	BUSSMAN	FNQ-R5/10	FUSE-0.5A
8	1	BUSSMAN	BAF-2	FUSE-2.0A
9	1	A-B	800H-HR2A	OFF-ON SWITCH
10	1	A-B	800H-QR10G	PILOT LIGHT
11				
12				
13				
14				
15				

Revision Information	Drawing Title									
	BILL OF MATERIALS									
Date 4/16/03		REFERENCE DRAWING	NO.	Revision-Location		ECN	Date	By		
Time	Project Title / Tag	S/N	Sales Engineer	C.C.	Application Engineer	R.C.	By CTR	Drawn Date	Approved By	Date
File Name CONTROL1.DWG	SIMPLEX BLOWER CONTROL PANEL	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <b>COX</b>  Research and Technology, Inc. </div>				P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number CP-1552  Sheet Number 6		