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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

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

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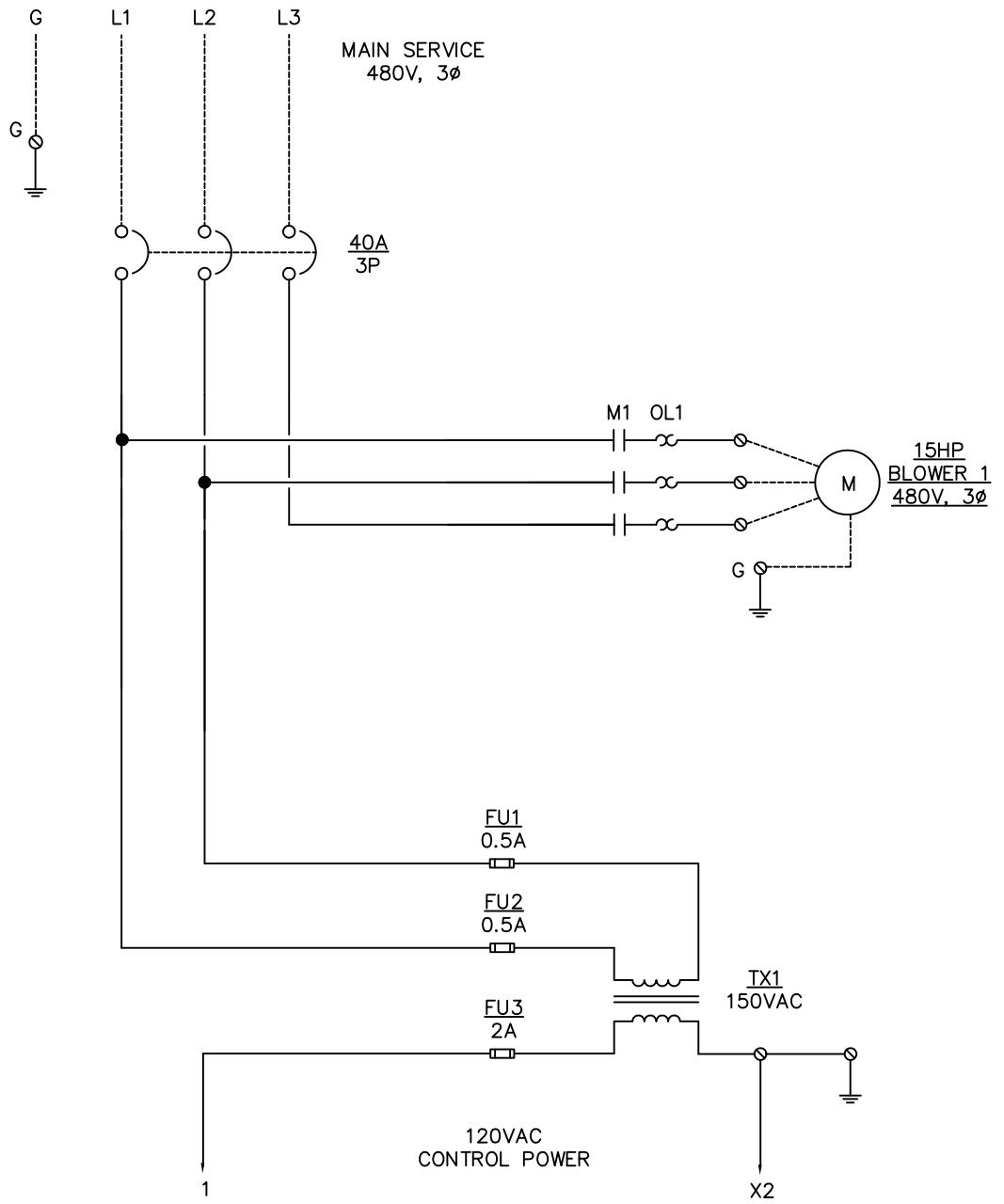
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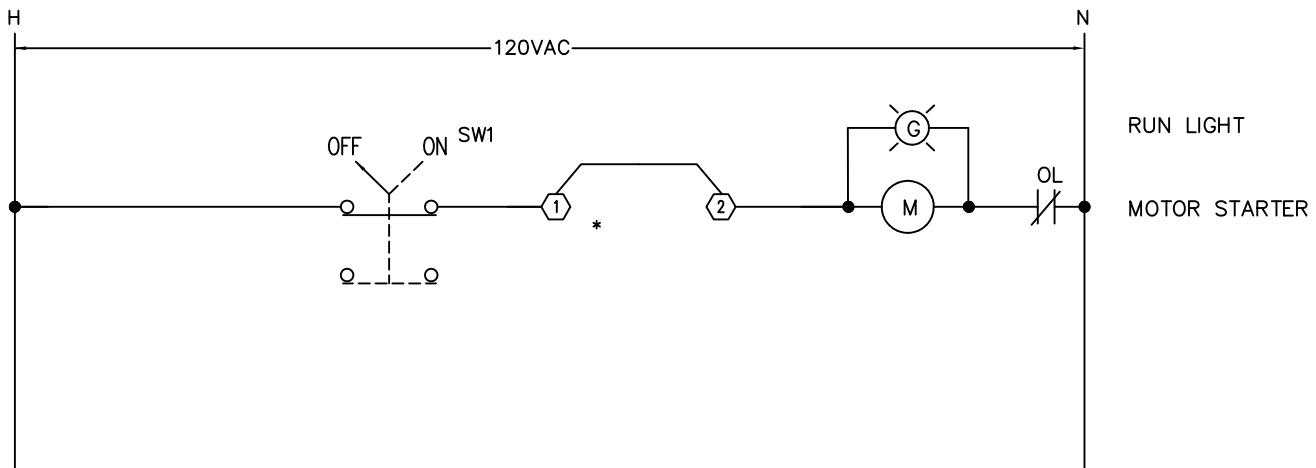
SOLD TO: DELTA PROCESS, NEW ORLEANS, LA

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Revision Information	Drawing Title  PANEL DESCRIPTION  Date 4/16/03								
		REFERENCE DRAWING		NO.	Revision-Location		ECN	Date	By
S/N		Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By CTR Date	Approved By	Date	
Time	Project Title / Tag		<hr/> <hr/> <b>COX</b> <hr/> <hr/> Research and Technology, Inc.			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 1	
File Name									



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

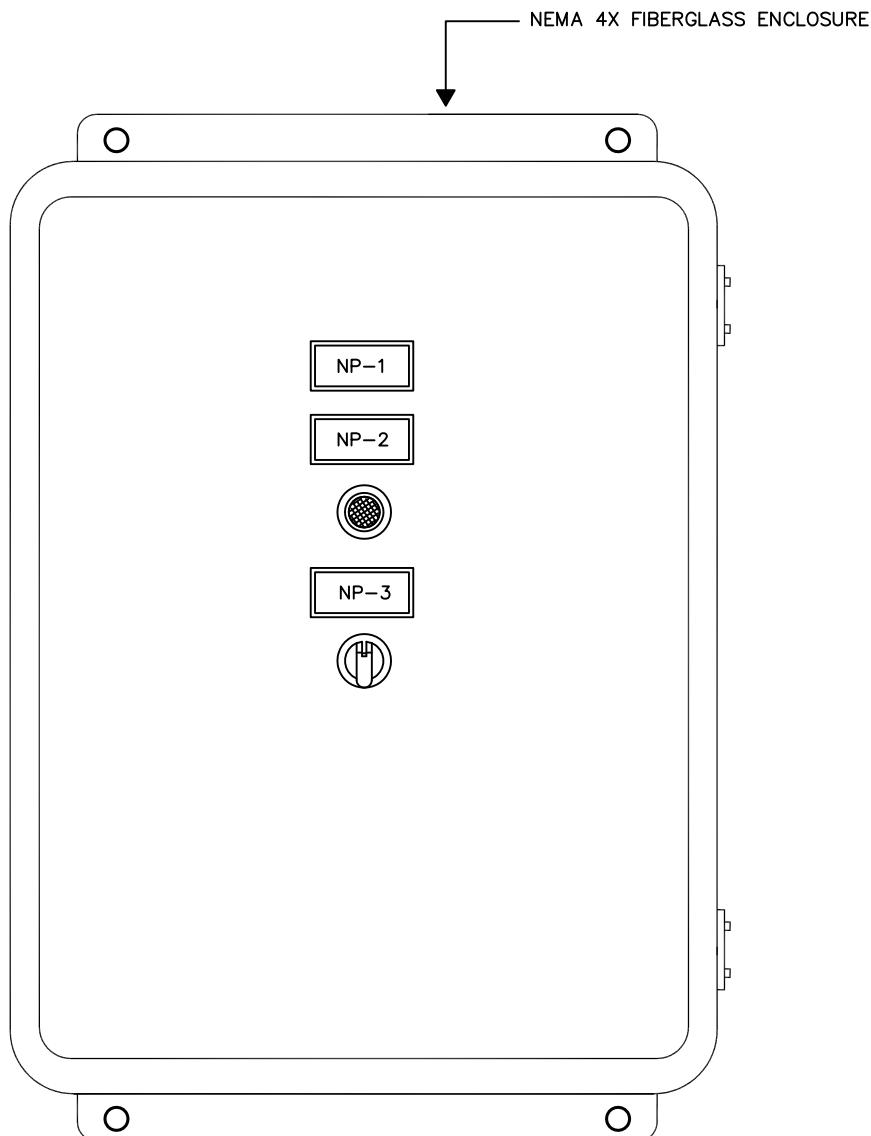


\* REMOVE JUMPER & INSTALL  
LOCKOUT DEVICES IF REQUIRED

LEGEND

	PANEL TERMINAL
—	WIRING BY VENDOR
- - -	WIRING BY CUSTOMER

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



VIEW OF FRONT OF ENCLOSURE

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

NAMEPLATE SCHEDULE

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

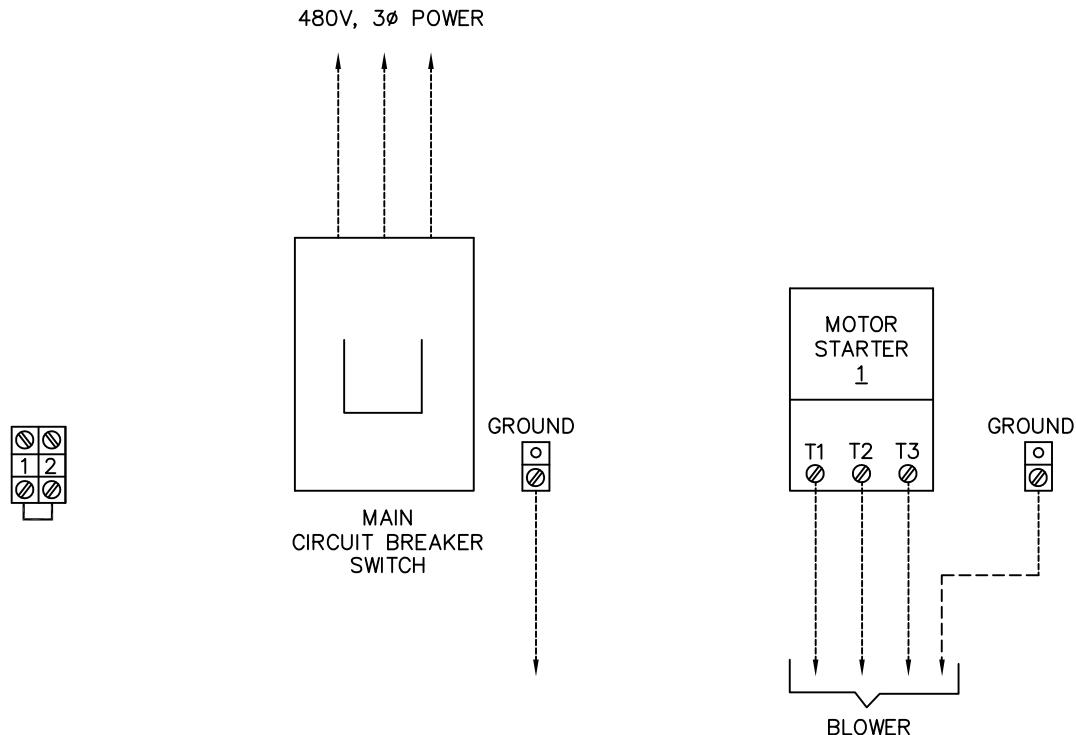
Revision Information	Drawing Title	REFERENCE DRAWING		NO.	Revision-Location		ECN	Date	By
Date		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	Approved By	Date
4/16/03	ENCLOSURE								
Time	Project Title / Tag								
	SIMPLEX BLOWER CONTROL PANEL								
File Name									
CONTROL1.DWG									

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Purchase Order Number CP-1552

Sheet Number 4



\* REMOVE JUMPER & INSTALL  
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Revision Information		Drawing Title  EXTERNAL CONNECTIONS									
Date 4/16/03			REFERENCE DRAWING		NO.		Revision-Location		ECN	Date	
			S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By CTR Date	Approved By	By	
Time			Project Title / Tag		<hr/> <hr/> <b>COX</b> Research and Technology, Inc. <hr/> <hr/>		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 5		
File Name CONTROL1.DWG											

# 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	Project Title / Tag  SIMPLEX BLOWER CONTROL PANEL	REFERENCE DRAWING		NO.	Revision-Location		ECN	Date	By		
		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By CTR	Approved By	Date Date		
Time		COX		Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number CP-1552			
File Name CONTROL1.DWG								Sheet Number 6			