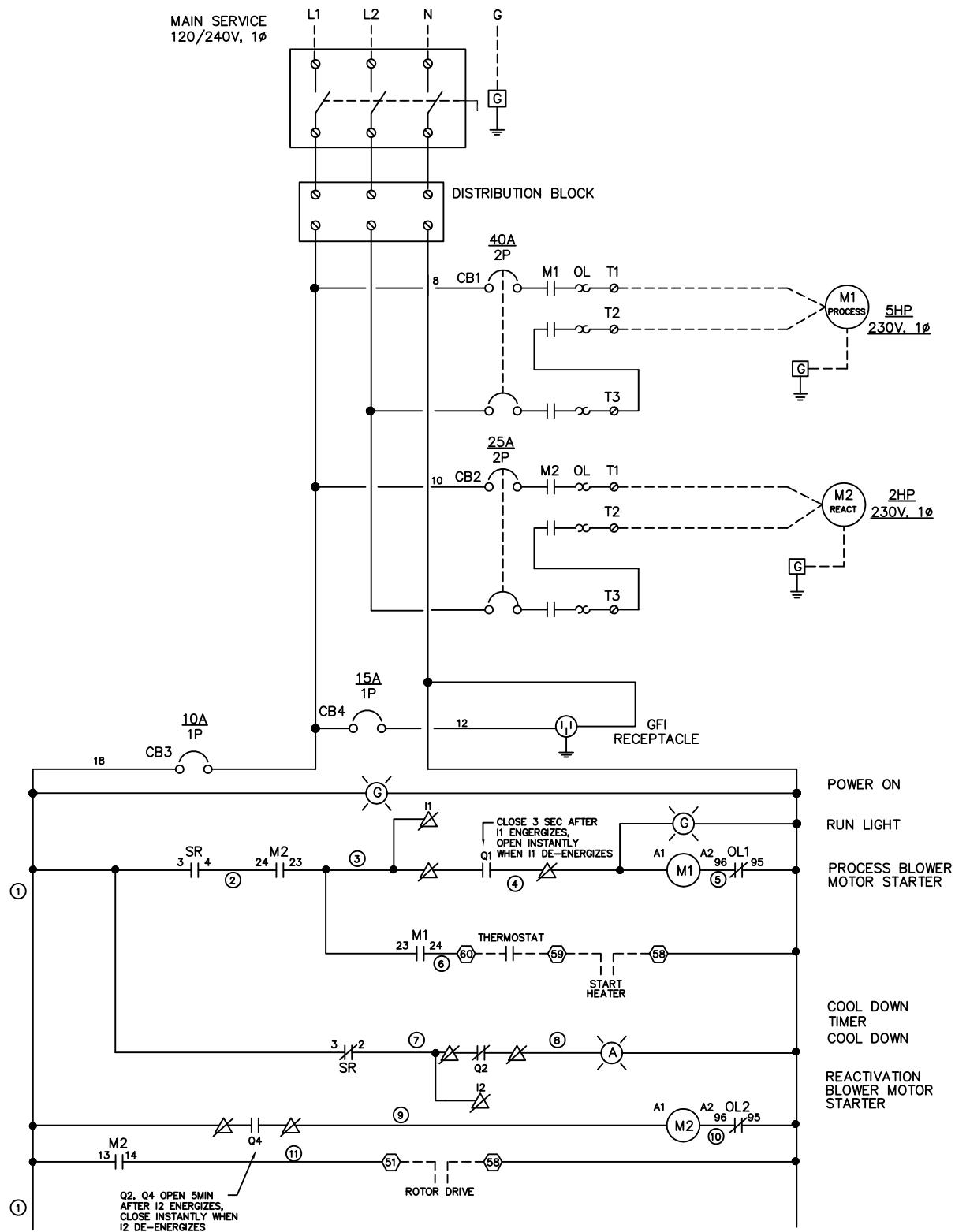

COX

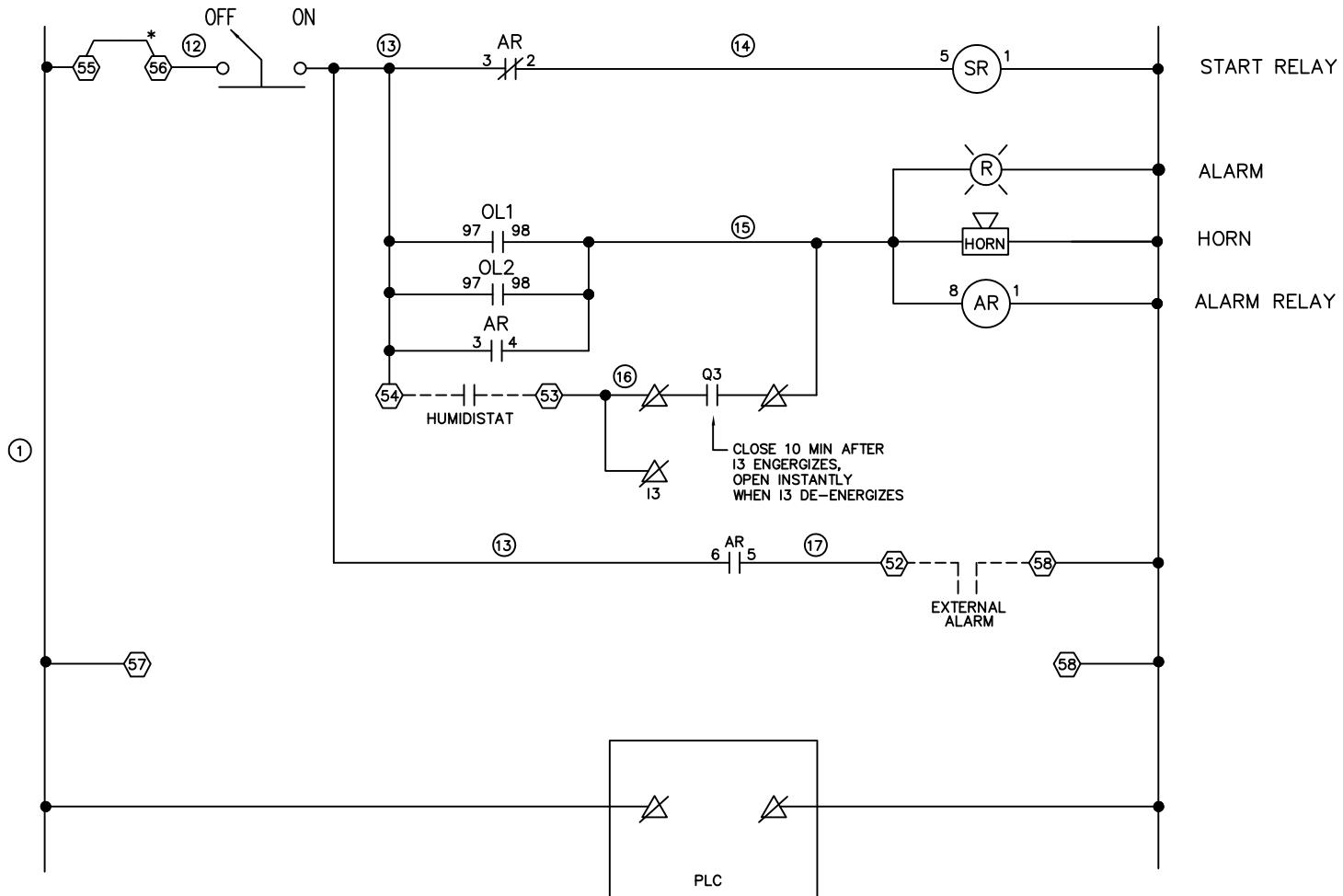
Research and Technology, Inc.

AQS 3200
DEHUMIDIFIER
WITH PROPANE FIRED HEATERS
120/208VAC

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



	Drawing Title							
	POWER DIAGRAM							
DATE 5/26/04	REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer C.C.	Application Engineer R.C.		DRAWN BY C. RACHAL		APPROVED BY	DATE
	Project Title		<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	AQS 3200 PROPANE HEATER				DRAWING NUMBER CP-1813		SHEET NUMBER 1	

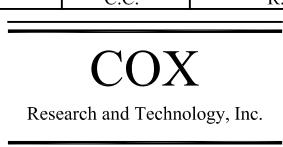


* REMOVE JUMPER & INSTALL REMOTE START CONTACT IF DESIRED.

	Drawing Title POWER DIAGRAM								
DATE 5/26/04		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN	APPROVED		BY	DATE
	Project Title		<hr/> <hr/> COX Research and Technology, Inc. <hr/> <hr/>		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER		
	AQS 3200 PROPANE HEATER						DRAWING NUMBER CP-1813		
					Ph. (225)756-3271 Fax (225)756-1030		SHEET NUMBER 2		

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	AN2416PL	ENCLOSURE
1a	1	VYNCKIER	ABP2416	BACKPLATE
2	1	ABB	OT100E3	MAIN D.S.
3	1	SQUARE D	QOU240	CB1
4	1	SQUARE D	QOU225	CB2
5	1	MARATHON	1323580	DIST. BLOCK
6	1	SQUARE D	QOU115	CB4
7	1	SQUARE D	QOU110	CB3
8	1	ABB	A40-30-10-84	MS1 PROCESS
9	1	ABB	A26-30-10-84	MS2 REACTIVATION
10	1	ABB	TA42DU25	OL1 (18-25A)
11	1	ABB	TA25DU14	OL2 (10-14A)
12	1	ABB	OHB65L5	HANDLE
13	1	ABB	OXP5X265	SHAFT
14	2	OMRON	G2R2SAC120	AR,SR
15	1	EDWARDS	870P-N5	HORN
16	2	ACI	JR22FG	GREEN PILOT LIGHT
17	1	ACI	JR22FR	RED PILOT LIGHT
18	1	ACI	JR22FY	AMBER PILOT LIGHT
19	1	ACI	JR22P2M11B	2 POSITION SWITCH
20	1	STOCK		GFI
21	1	STOCK		COVER
22	1	STOCK		BOX
23	1	SIEMENS	LOGO! 230RC	PLC
24				

	Drawing Title										
	BILL OF MATERIALS										
			REFERENCE DRAWING		NO.	REVISION-LOCATION	ECN	DATE	BY		
DATE 5/26/04			S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED				
				C.C.	R.C.	BY C. RACHAL	BY	DATE			
	Project Title		 COX Research and Technology, Inc. 			PURCHASE ORDER NUMBER					
	AQS 3200								DRAWING NUMBER		
	PROPANE HEATER								CP-1813		
						SHEET NUMBER					
						3					

PLC PARAMETERS

<u>BLOCK</u>	<u>DESCRIPTION</u>	<u>FACTORY SETTING</u>	<u>PLC NOMENCLATURE</u>
B01	Process Blower Start Delay	3 Seconds	03:00s
B02	Cool Down Time Delay	5 Minutes	05:00m
B03	Humidistat Alarm Delay	10 Minutes	10:00m

Note: Minute settings are in minutes and seconds. For example 02:00m is 2 minutes, 02:10m is 2 minutes and 10 seconds.
Hour settings are in hours and minutes. For example 02:00h is 2 hours and no minutes, 02:10h is 2 hours and 10 minutes, and 00:12h is 12 minutes.

In addition to the settings above, various other parameters can be viewed as follows:

- Process Blower run time hours