

United States

WD111206-PF-BD
Replaces WD022106-PF-BD

November 12, 2006

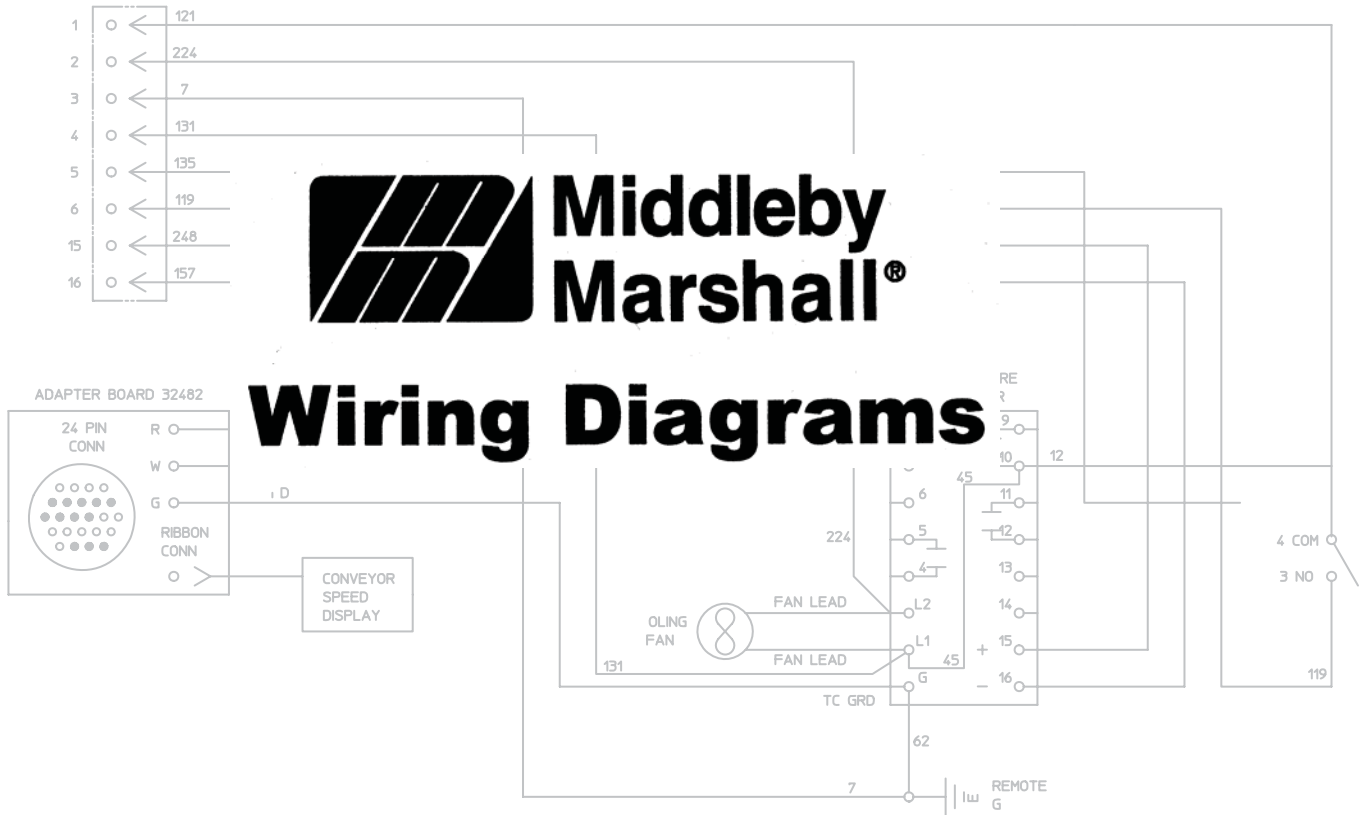
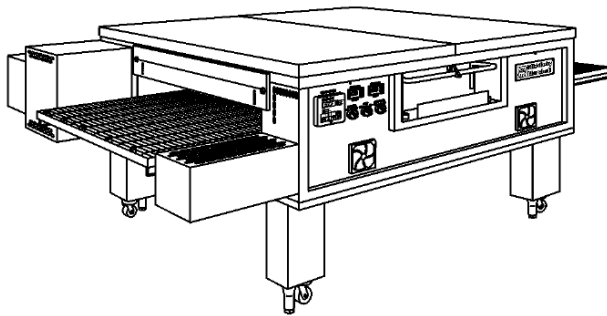


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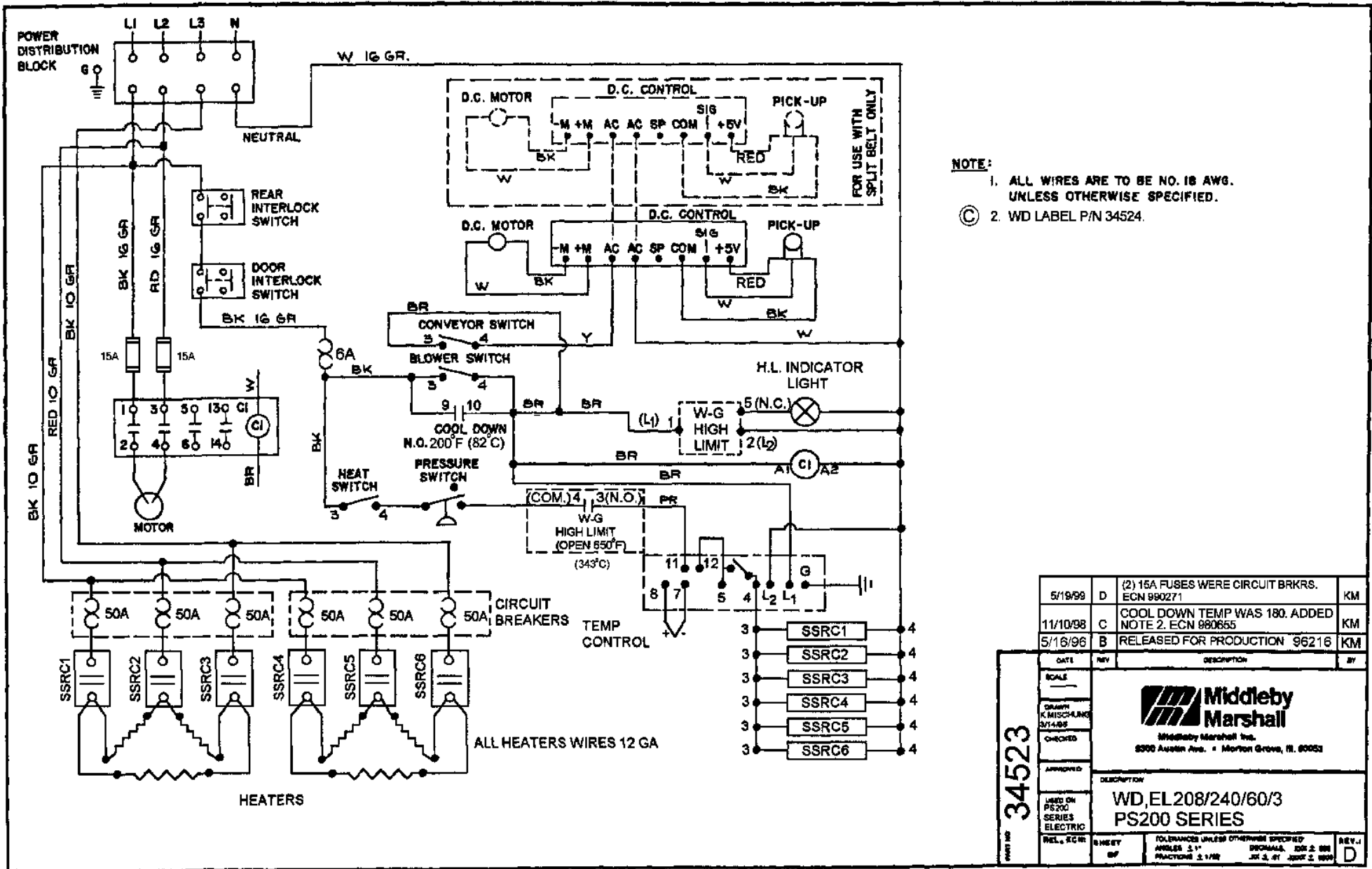
PS Series Wiring Diagrams

Middleby Marshall® • 1400 Toastmaster Drive • Elgin, IL 60120
Phone: (847)741-3300 • Fax: (847)741-4406 (Parts Dept.)

techsupport@middleby.com

PS Series Wiring Diagrams Enclosed Drawings

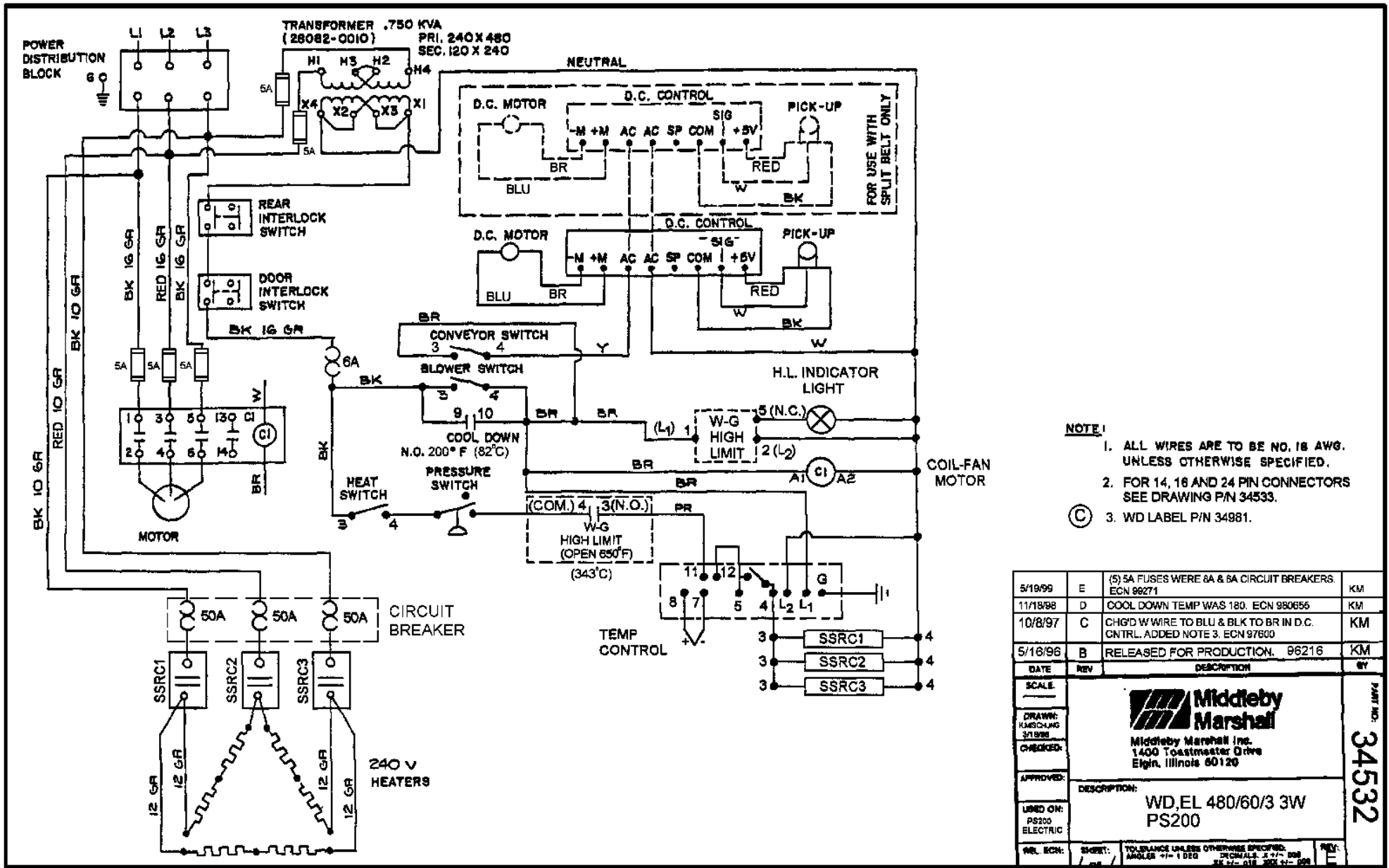
Model	Description	Utility	Drawing	Sheet	Rev	Voltage	Phase	Page
BE2136	See PS536ES							
BG2136	See PS536GS							
BE3240	See PS540E							
BG3240	See PS540G							
PS200 Series		ELECTRIC	34523		D	208/240	3	1
PS200 Series		ELECTRIC	34532		E	480	3	2
PS200 Series		GAS	83900-0001		H	208/240	1	3
PS200R68 Series		ELECTRIC	34531		E	208/240	3	4
PS200R68 Series		ELECTRIC	34529		G	480	3	5
PS200R68 Series	High Flame Solenoid Gas Valve	GAS	35792		E	208/240	1	6
PS200R68 Series	Modulating Gas Valve-Ladder	GAS	47182	1	C	208/240	1	7a
PS200R68 Series	Modulating Gas Valve	GAS	47182	2	C	208/240	1	7b
PS200R68 Series	Modulating Gas Valve	GAS	47182	3	C	208/240	1	7c
PS200VL		GAS	35365		F	208/240	1	8
PS200VL(D)		GAS	37972		C	208/240	1	9
PS360/PS360WB Series		ELECTRIC	83221-0049		G	208/240	3	10
PS360/PS360WB Series		ELECTRIC	83221-0045		J	480	3	11
PS360/PS360WB Series	High Flame Solenoid Gas Valve	GAS	83221-0040		F	208/240	1	12
PS360WB	Modulating Gas Valve	GAS	59189		F	208/240	1	13
PS360 Series	TANDEM	GAS	83221-0048		D	208/240	1	14
PS360EWB		GAS	33716		G	208/240	1	15
PS360WB70		GAS	31781		J	208/240	1	16
PS520/S1820	Removed Air Switch	ELECTRIC	48713		J	208/240	1	17
PS520/S1820	Removed Air Switch	ELECTRIC	52445		J	480	1	18
PS520G	Modulating Gas Valve	GAS	59113		C	208/240	1	19
PS536E		ELECTRIC	44776		D	208/240	3	20
PS536E		ELECTRIC	46825		C	480	3	21
PS536ES	BE2136	ELECTRIC	58214		E	208/240	3	22
PS536ES	BE2136	ELECTRIC	58267		D	480	3	23
PS536G	Honeywell Controller	GAS	45240		D	208/240	1	24
PS536G	Watlow Controller	GAS	45240		B	208/240	1	25
PS536GS	BG2136	GAS	55551		C	208/240	1	26
PS536GS	BG2136	GAS	55553		C	208/240	1	27
PS536GS	Remote Control	GAS	52386	1	C	208/240	1	28a
PS536GS	Remote Control	GAS	52386	2	C	208/240	1	28b
PS540E Series	Ladder Diagram	ELECTRIC	50466	1	C	208/240	3	29a
PS540E Series		ELECTRIC	50466	2	C	208/240	3	29b
PS540E Series	Ladder Diagram	ELECTRIC	50140	1	C	480	3	30a
PS540E Series		ELECTRIC	50140	2	C	480	3	30b
PS540G Series	Ladder Diagram	GAS	50141	1	G	208/240	1	31a
PS540G Series		GAS	50141	2	G	208/240	1	31b
PS555E	Ladder Diagram	ELECTRIC	44553	1	D	208/240	3	32a
PS555E			44553	2	D	208/240	3	32b
PS555E	Ladder Diagram	ELECTRIC	44961	1	E	480	3	33a
PS555E		ELECTRIC	44961	2	E	480	3	33b
PS555G/PS570G	Early Models-Prior to May, 2001	GAS	42505	1	E	208/240	1	34a
PS555G/PS570G	Early Models-Prior to May, 2001	GAS	42505	2	E	208/240	1	34b
PS555G/PS570G	Ladder Diagram-Modulating Gas	GAS	45520	1	E	208/240	1	35a
PS555G/PS570G	Modulating Gas Valve	GAS	45520	2	E	208/240	1	35b
PS570M	Early Models-Prior to Feb, 2000	GAS	30015		E	208/240	1	36
PS570M	Current-Modulating Gas Valve	GAS	45289		C	208/240	1	37
PS570S	High Flame Solenoid Gas Valve	GAS	30015		C	208/240	1	38
PS570S-M	Converted Modulating Gas Valve	GAS	51142		C	208/240	1	39
PS770G	WOW Oven	GAS	54745		I	208/240	1	40
PS770G	Ladder Diagram	GAS	59240		B	208/240	1	41
PS870G	WOW Oven	GAS	54745		I	208/240	1	42
PS870G	Ladder Diagram	GAS	59240		B	208/240	1	43
S1820E	See PS520E	ELECTRIC						1

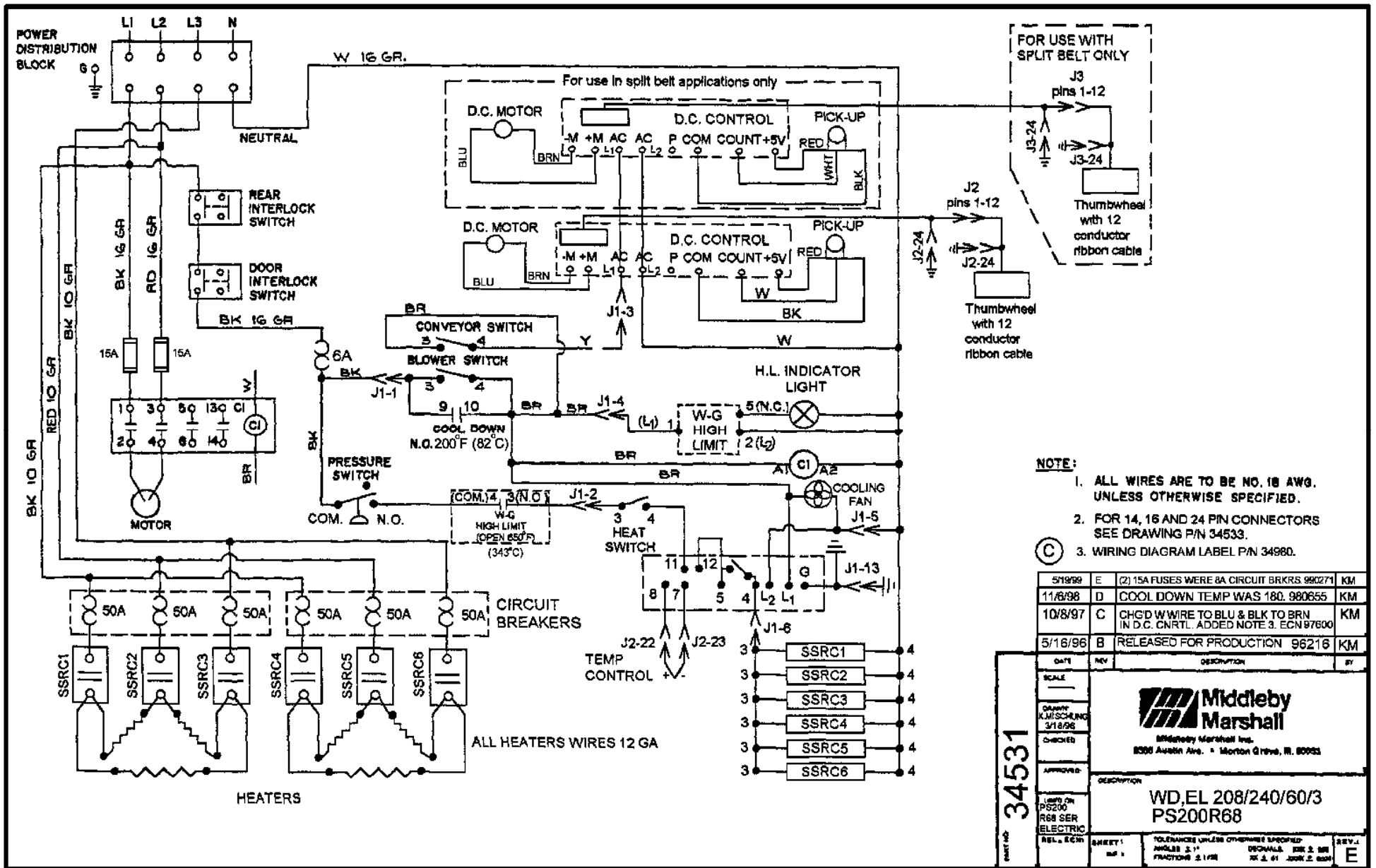


- NOTE:**
1. ALL WIRES ARE TO BE NO. 18 AWG. UNLESS OTHERWISE SPECIFIED.
 2. WD LABEL P/N 34524.

5/19/99	D	(2) 15A FUSES WERE CIRCUIT BKRS. ECN 990271	KM
11/10/98	C	COOL DOWN TEMP WAS 180. ADDED NOTE 2. ECN 990655	KM
5/18/96	B	RELEASED FOR PRODUCTION 96216	KM
DATE	REV	DESCRIPTION	BY
SCALE			
DESIGN K. MISCHELM 3/14/88			
CHECKED			
APPROVED			
USED ON PS200 SERIES ELECTRIC			
REL. ECN	SHEET	TOLERANCES UNLESS OTHERWISE SPECIFIED ANGLES 3:1 FRACTIONS 2:1/8"	DESCRIPTION WD, EL208/240/60/3 PS200 SERIES
	OF	DRAWING: EDR 2 888 JUL 3, 91	REV. 1 D

34523





- NOTE:**
1. ALL WIRES ARE TO BE NO. 18 AWG. UNLESS OTHERWISE SPECIFIED.
 2. FOR 14, 16 AND 24 PIN CONNECTORS SEE DRAWING P/N 34533.
 3. WIRING DIAGRAM LABEL P/N 34980.

5/19/99	E	(2) 15A FUSES WERE 6A CIRCUIT BRKRS 980271	KM
11/6/98	D	COOL DOWN TEMP WAS 180. 980655	KM
10/8/97	C	CHG'D W WIRE TO BLU & BLK TO BRN IN D.C. CNRTL. ADDED NOTE 3. ECN 97600	KM
5/16/96	B	RELEASED FOR PRODUCTION 96216	KM

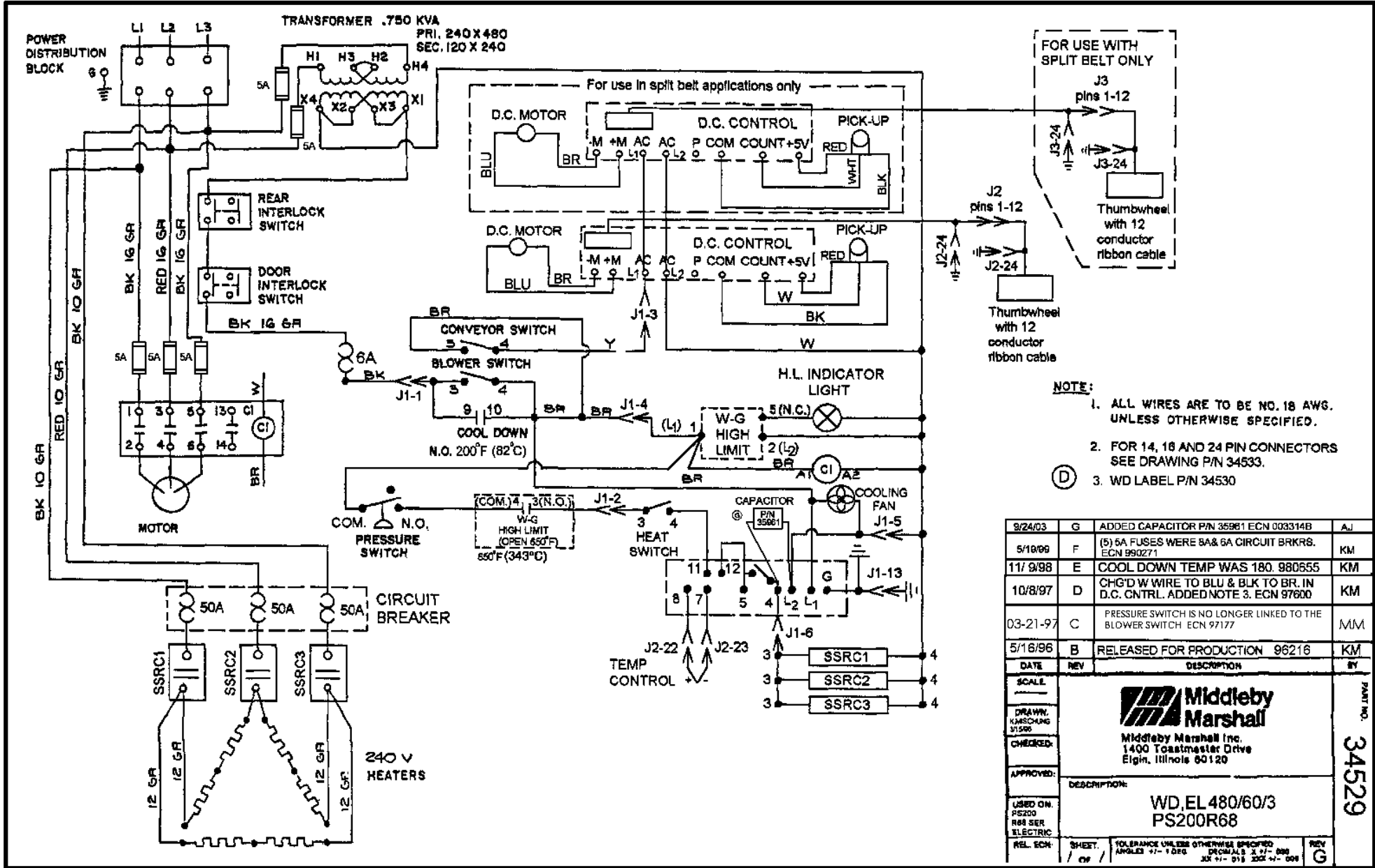
PART NO. 34531

DATE	REV	DESCRIPTION	BY
SCALE			
DRAWN	KMISCHUNG		
CHECKED	3/18/96		
APPROVED			
LISTED ON	PS200		
R68 SER			
ELECTRIC			
REL. ECN			

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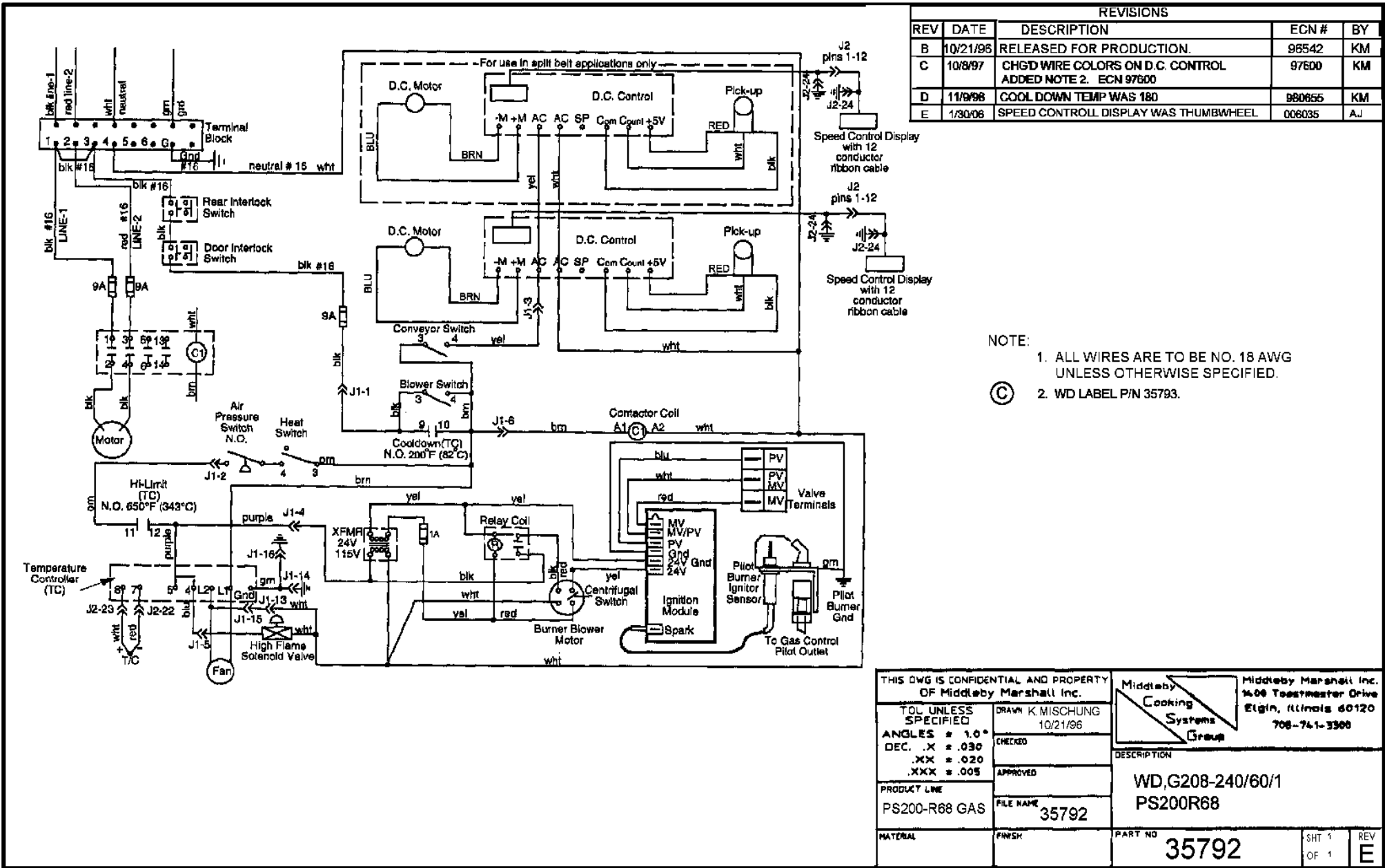
DESCRIPTION
**WD,EL 208/240/60/3
PS200R68**

SAFETY:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	REV.:
1/8"	FRACTIONS 1/16"	1
	DECIMALS .001"	2
	INCHES 1/8"	3
		4



- NOTE:**
1. ALL WIRES ARE TO BE NO. 18 AWG. UNLESS OTHERWISE SPECIFIED.
 2. FOR 14, 16 AND 24 PIN CONNECTORS SEE DRAWING P/N 34533.
 3. WD LABEL P/N 34530

9/24/03	G	ADDED CAPACITOR P/N 35961 ECN 003314B	AJ
5/16/99	F	(5) 5A FUSES WERE 8A & 6A CIRCUIT BRKRS. ECN 990271	KM
11/ 9/98	E	COOL DOWN TEMP WAS 180. 980555	KM
10/8/97	D	CHG'D W WIRE TO BLU & BLK TO BR. IN D.C. CNTRL. ADDED NOTE 3. ECN 97600	KM
03-21-97	C	PRESSURE SWITCH IS NO LONGER LINKED TO THE BLOWER SWITCH ECN 97177	MM
5/16/96	B	RELEASED FOR PRODUCTION 96216	KM
DATE	REV	DESCRIPTION	BY
<p>Middleby Marshall Inc. 1400 Toastmaster Drive Elgin, Illinois 60120</p>			
<p>DESCRIPTION: WD,EL480/60/3 PS200R68</p>			
REL. ECH:	SHEET:	TOLERANCE UNLESS OTHERWISE SPECIFIED	REV
	OF	ANGLES 1/16 1.000	G

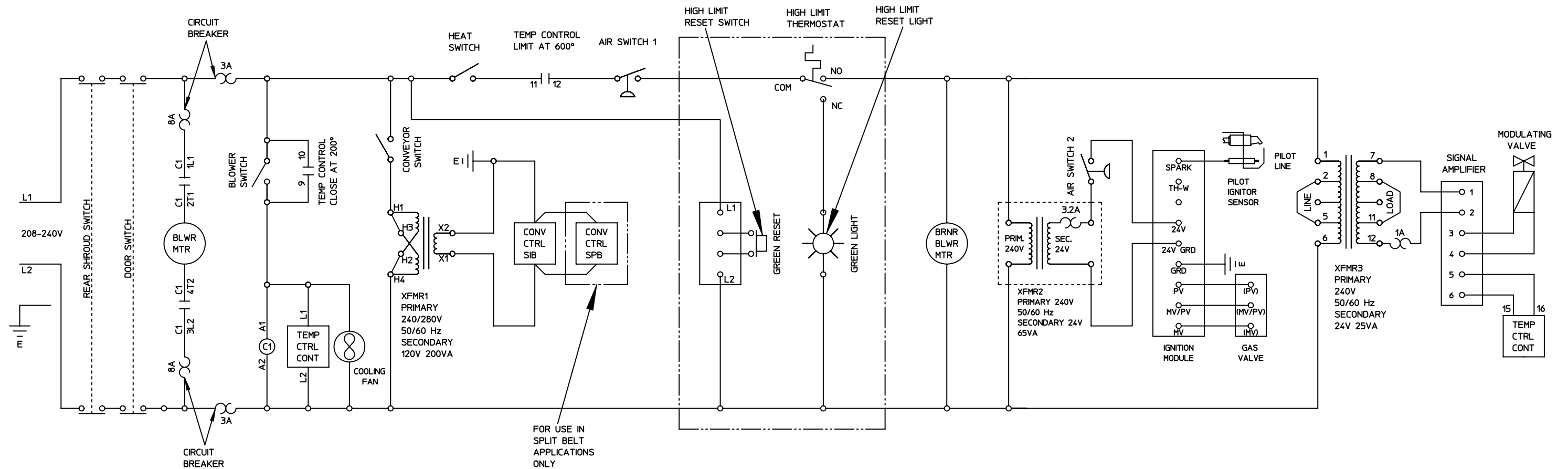


REVISIONS				
REV	DATE	DESCRIPTION	ECN #	BY
B	10/21/96	RELEASED FOR PRODUCTION.	98542	KM
C	10/8/97	CHGD WIRE COLORS ON D.C. CONTROL ADDED NOTE 2. ECN 97600	97600	KM
D	11/9/98	COOL DOWN TEMP WAS 180	980655	KM
E	1/30/06	SPEED CONTROL DISPLAY WAS THUMBWHEEL	008035	AJ

NOTE:
 1. ALL WIRES ARE TO BE NO. 18 AWG UNLESS OTHERWISE SPECIFIED.
 2. WD LABEL P/N 35793.

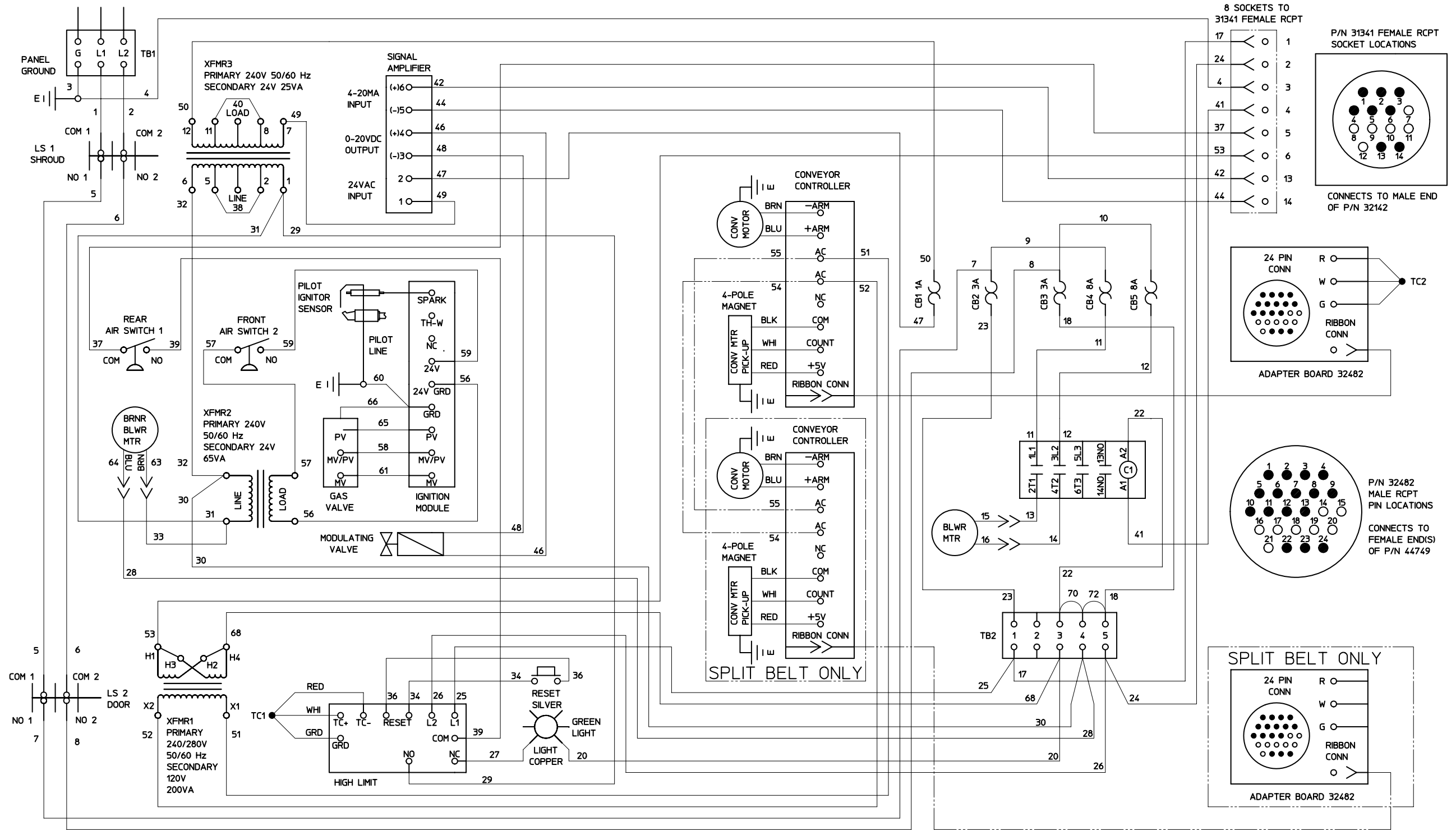
THIS DWG IS CONFIDENTIAL AND PROPERTY OF Middleby Marshall Inc.			Middleby Marshall Inc. 1400 Teasdale Drive Elgin, Illinois 60120 708-741-3300	
TOL UNLESS SPECIFIED	DRAWN K MISCHUNG 10/21/96		DESCRIPTION	
ANGLES * 1.0° DEC. .X * .030 .XX * .020 .XXX * .005	CHECKED	WD,G208-240/60/1 PS200R68		
PRODUCT LINE PS200-R68 GAS	APPROVED	FILE NAME 35792	PART NO 35792	SHT 1 OF 1
MATERIAL	FINISH	REV E		

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
B	01/31/2002	001443	RELEASED FOR PRODUCTION	FC	WSS	01/31/2002
C	10/02/2006	006307	REVERSED INPUT & OUTPUT	AJ	WSS	10/06/2006



SEE P/N 47183 & 47423 FOR LABELS

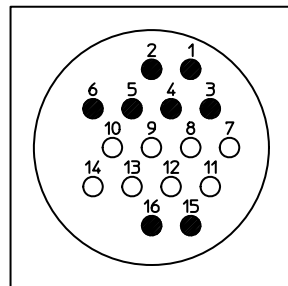
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FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005	
DRAWN AJ	CHECKED WSS	APPROVED WSS	
10/02/2006		10/06/2006	10/06/2006
WD, G208-240/50/60/1 PS200R68			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 47182	SHT 1 OF 3 REV C



TOLERANCE UNLESS SPECIFIED	DRAWN AJ 10/02/2006	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
ANGLES * 1.0°	CHECKED WSS 10/06/2006	
DEC .X * .030	APPROVED WSS 10/06/2006	
.XX * .015 .XXX * .005		

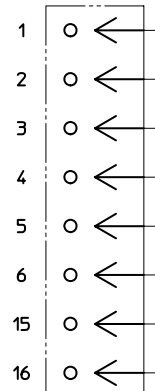
WD, G208-240/50/60/1 PS200R68		
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING	PART NO 47182	SHT 2 OF 3
		REV C

P/N 31279
MALE RCPT
PIN LOCATIONS

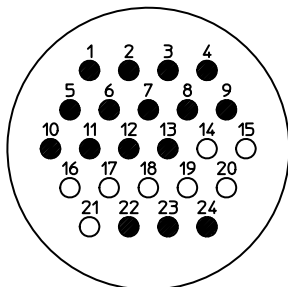


CONNECTS TO
FEMALE END
OF P/N 32142

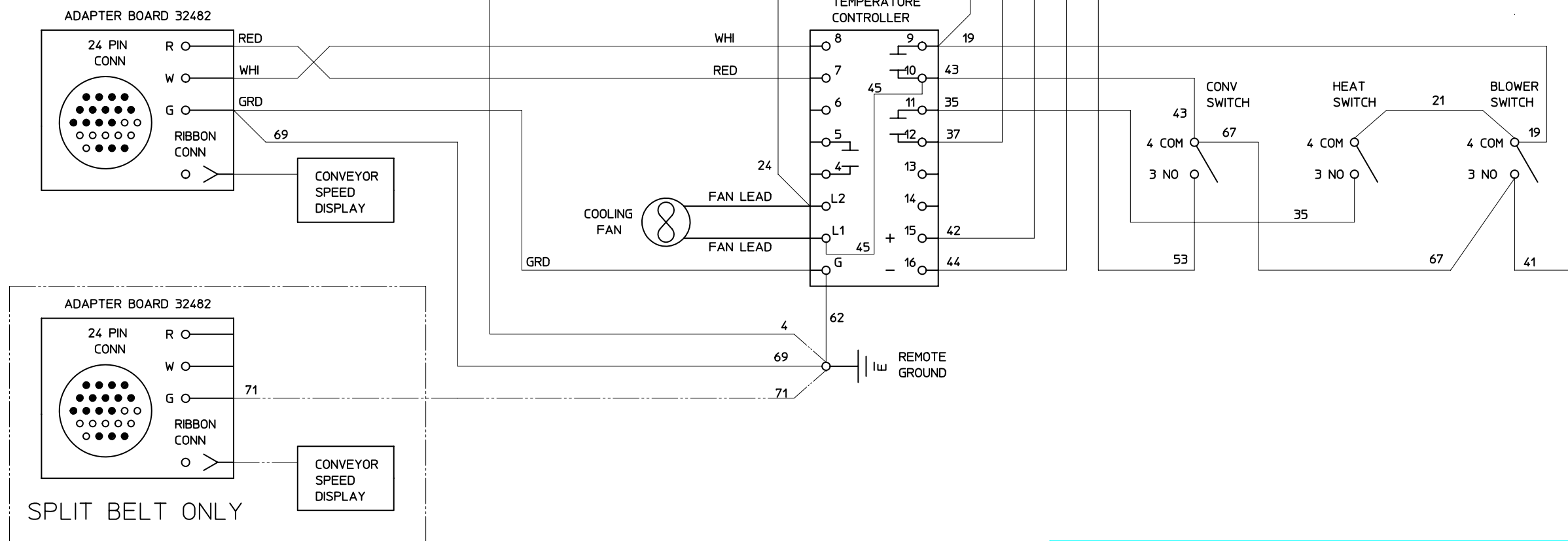
8 PINS TO
P/N 31279
MALE RCPT



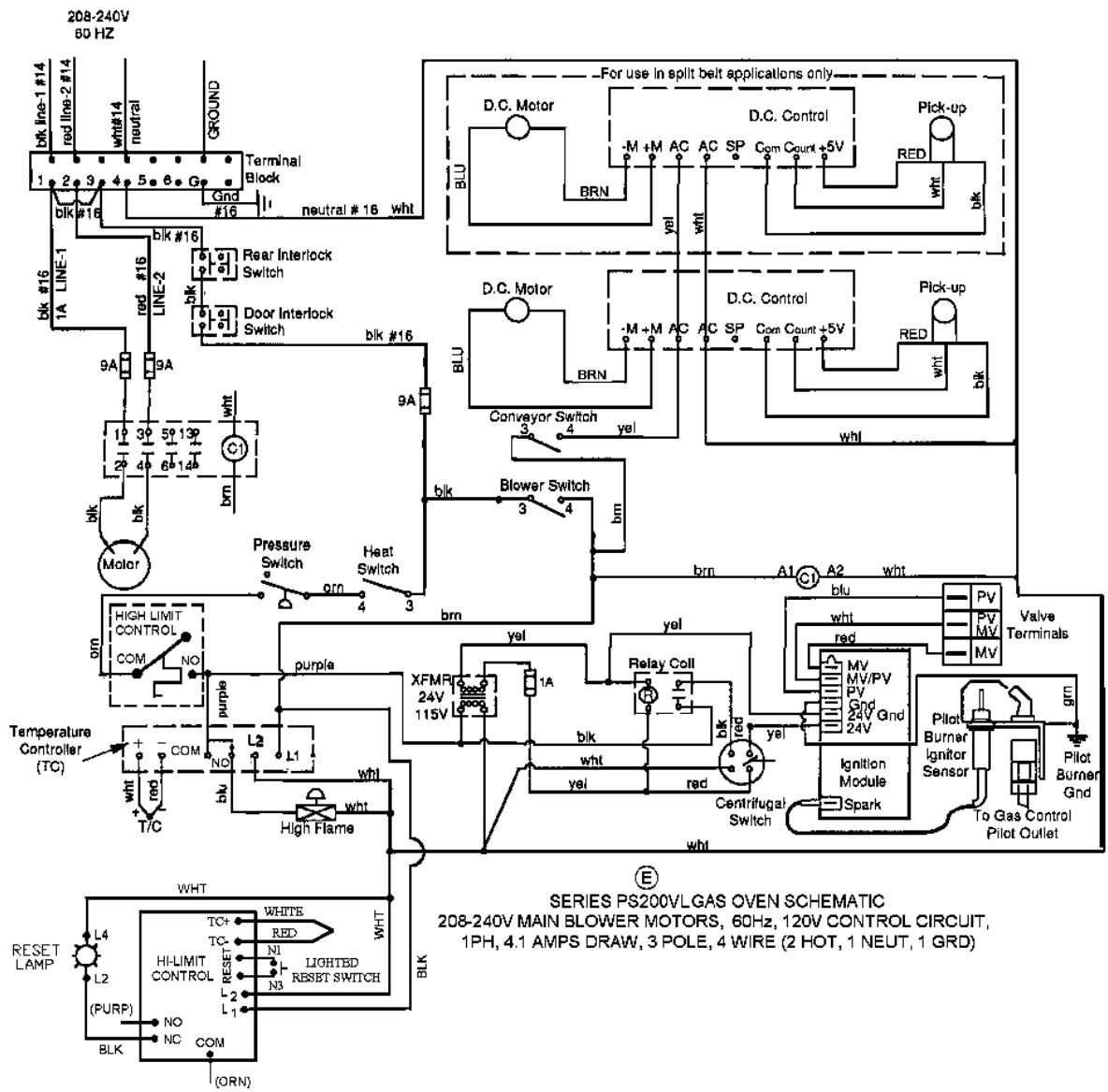
P/N 32482
MALE RCPT
PIN LOCATIONS



CONNECTS TO
FEMALE END(S)
OF P/N 44749



TOLERANCE UNLESS SPECIFIED ANGLES * 1.0° DEC .X * .030 .XX * .015 .XXX * .005	DRAWN AJ 10/02/2006	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300	
	CHECKED WSS 10/06/2006		
	APPROVED		
	WSS 10/06/2006		
WD, G208-240/50/60/1 PS200R68			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING	PART NO 47182	SHT 3 OF 3	REV C

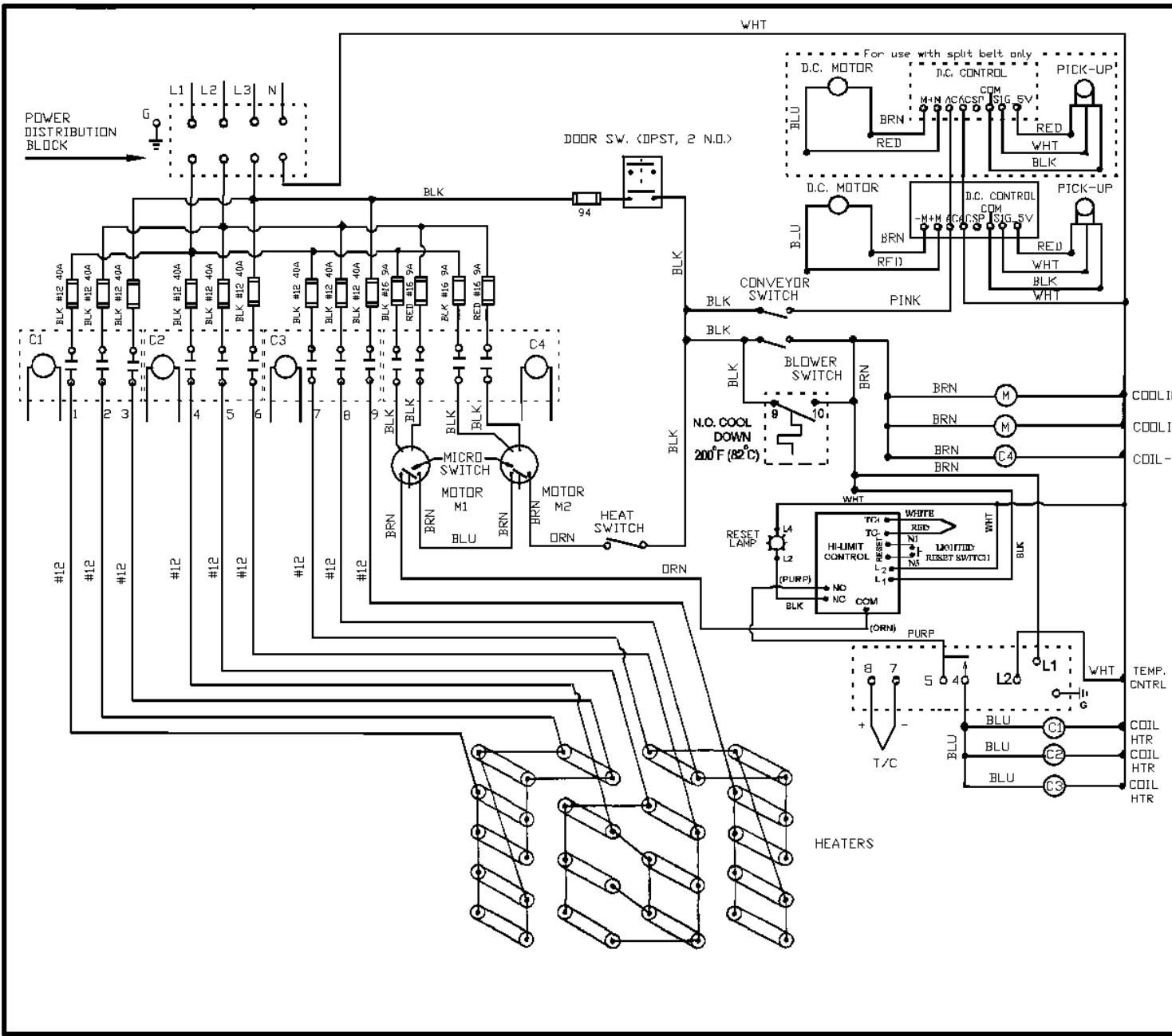


(E)
 SERIES PS200VL GAS OVEN SCHEMATIC
 208-240V MAIN BLOWER MOTORS, 60Hz, 120V CONTROL CIRCUIT,
 1PH, 4.1 AMPS DRAW, 3 POLE, 4 WIRE (2 HOT, 1 NEUT, 1 GRD)

REVISIONS				
REV	DATE	DESCRIPTION	ECN #	BY
B	7/26/96	RELEASED FOR PRODUCTION.	96345	KM
C	12/04/96	UPDATED HI-LIMIT CONTROL WIRING	96648	KM
D	10/8/97	CHG'D WIRE COLORS ON D.C. CNTRL. ADDED NOTE 2.	97600	KM
E	3/30/98	CORRECTED PS200V TO PS200VL	980210	KM
F	11/12/98	UPDATED DESCRIPTION. ADDED INPUT GROUND.	980655	KM

NOTED: 1. ALL WIRES ARE TO BE #18 AWG UNLESS OTHERWISE SPECIFIED.
 (D) 2. WD LABEL 35946.

THIS DWG IS CONFIDENTIAL AND PROPERTY OF Middleby Marshall Inc.			Middleby Marshall Inc. 1406 Teestmaster Drive Elgin, Illinois 60120 708-741-3300	
TOL UNLESS SPECIFIED	DRAWN K.MISCHUNG 7/26/96		DESCRIPTION	
ANGLES * 1.0° DEC. .X * .030 .XX * .020 .XXX * .005	CHECKED	WD, GAS 208-240/60/1 PS200VL		
PRODUCT LINE PS200VL SERIES	APPROVED			
MATERIAL	FINISH	FILE NAME	PART NO 35365	SHT 1 OF 1
				REV F



- NOTES: -- USE 75°C WIRE ONLY.
 -- ALL WIRES ARE TO BE #18 AWG UNLESS OTHERWISE SPECIFIED.
 -- USE COPPER WIRE ONLY.
 -- MAXIMUM SUPPLY CIRCUIT PROTECTIVE DEVICE - 100 AMPS.
 -- MINIMUM SUPPLY CONDUCTOR AMPACITY - 95 AMPS.
 -- WD LABEL 22500-0125.

(D)

DATE	REV.	DESCRIPTION	BY
5/3/99	G	(3) 40A FUSES WERE 32A. ECN 990234	KM
4/19/99	F	ADDED WATLOW HI-LIMIT. REMOVED N.C. 650 DEG. F #S 11 & 12. ECN 990216	KM
11/11/98	E	CORRECTED CONNECTIONS AT CNTRL HI-LIMIT CNTRL TEMP WAS 600. 980655	KM
10/29/97	D	ADDED DESC OF FUSES. CHG'D WHT WIRE TO BLU, BLK TO BRN & GR TO RED. CHG'D #S IN TEMP CONTRL. ECN 97600A	KM
10-1-97	C	CORRECTED MIGRATION PROBLEM ECN 97570	AP
4-12-90	B	DELETED LIGHTS FROM CONV., BLWR & HEAT SWITCHES ECN 90027	T.D.
4-11-89	A	1 WAS RED 2 WAS BRN 3 WAS VEL. 4 WAS PURPLE	DMJ

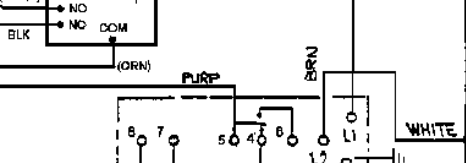
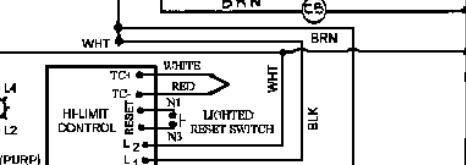
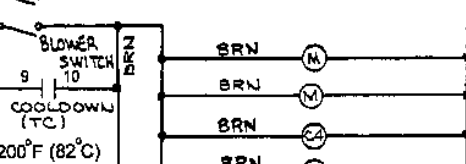
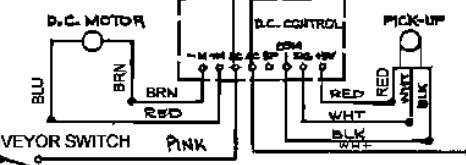
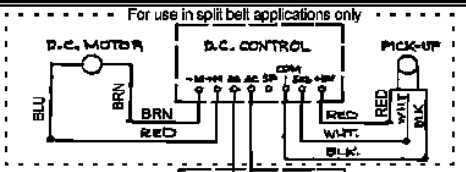
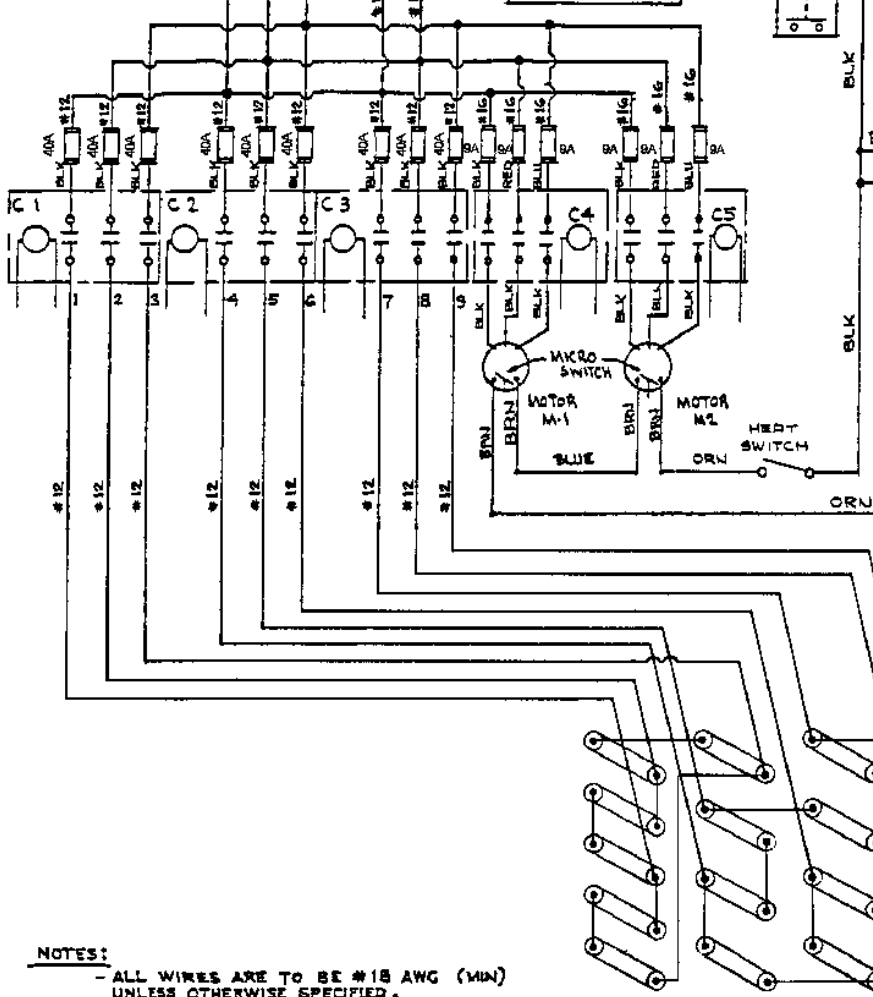
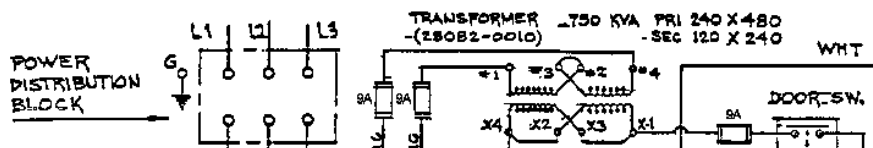
PART NO: 83221-0049

SCALE: NONE
 DRAWN: DMJ
 4-11-99
 CHECKED:
 APPROVED: [Signature]
 4-11-99
 USED ON: 310/360
 ELBC

Middleby Marshall
 Middleby Marshall Inc.
 6500 Austin Ave. • Morton Grove, Ill. 60053

DESCRIPTION: WD, EL 208/240/60/3 4W PS300SER

REV.:	89059	SHEET:	OF	TOLERANCES UNLESS OTHERWISE SPECIFIED: ANGLES: ± 1° FRACTIONS: ± 1/32	DECIMALS: .0002, .005 INCHES: ± .01 .0002, .0005	REV.:	G
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- NOTES:**
- ALL WIRES ARE TO BE #18 AWG (MIN) UNLESS OTHERWISE SPECIFIED.
 - USE COPPER WIRE ONLY;
 - MAXIMUM SUPPLY CIRCUIT PROTECTIVE DEVICE - 100 AMPS
 - MINIMUM SUPPLY CONDUCTOR AMPACITY - 95 AMPS
 - WD LABEL 22500-0129

5/3/99	J	(8) 40A FUSES WERE 30A. ECN 990234	KM
4/19/99	H	ADDED WATLOW HI-LIMIT. REMOVED N.O. 650 DEG. F #S 11 & 12. ECN 990216	
11/10/98	G	UPDATED HI-LIMIT TEMP CNTRL. 980655	KM
10/8/97	F	ADDED DESC. TO FUSES. CHG'D WHT WIRE TO BLU & #S 9 & 10 WAS 15 & 14, 11 & 12 WAS 15 & 16, #S 8, 7, 4, 5 & 6 WAS 1, 2, 3 & 7. ADDED REF NOTE TO WL LABEL. ECN 97600	KM
SEE ECN 90027 FOR PREVIOUS REVISIONS			

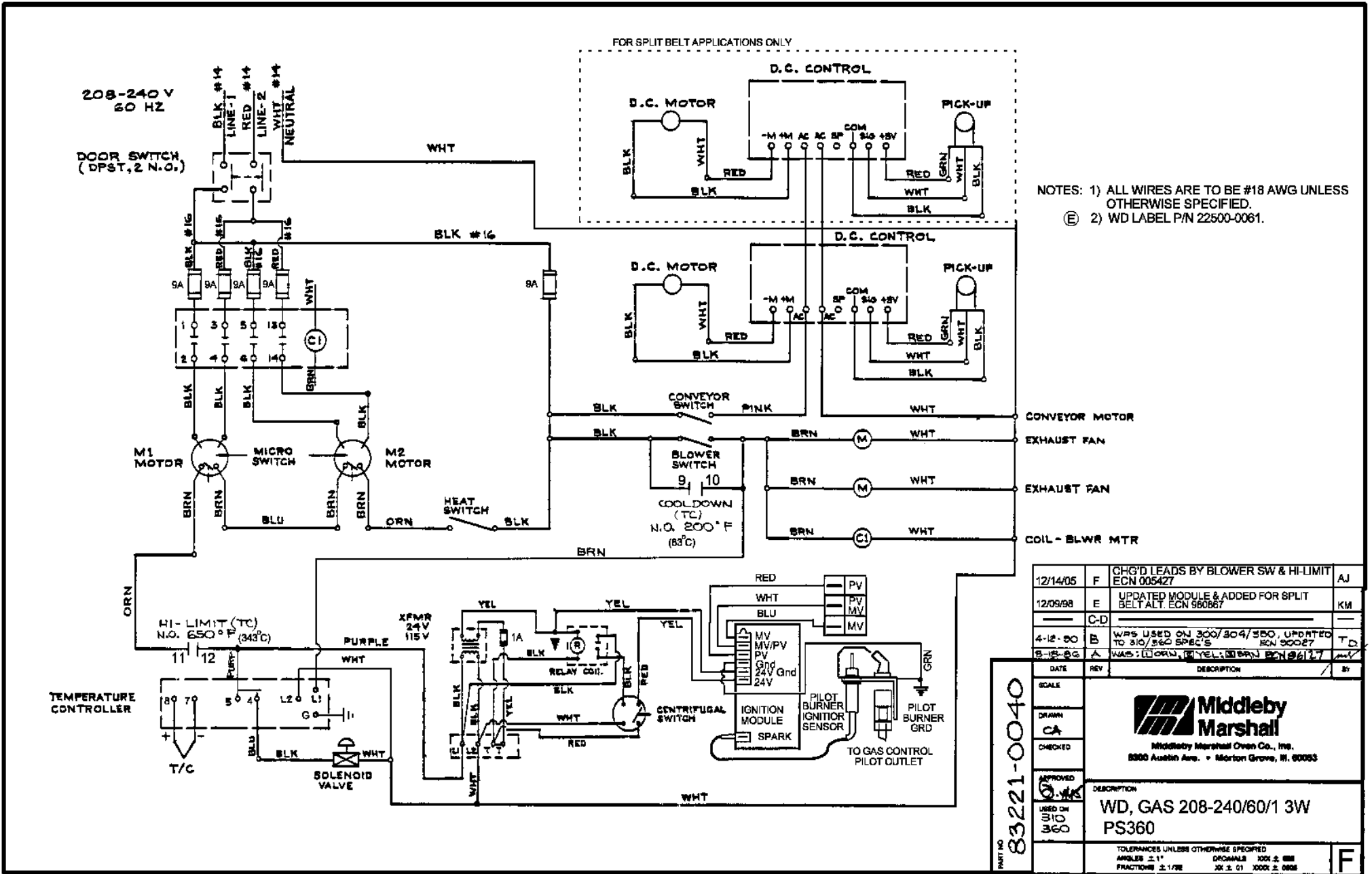
PART NO: 83221-0045

DATE	REV	DESCRIPTION	BY
SCALE			
DRAWN T.D.	6/24/85		
CHECKED			
APPROVED			
USED ON:	BIO/360		
ELEC			

Middleby Marshall
Middleby Marshall Oven Co., Inc.
8300 Austin Ave., Morton Grove, IL 60053

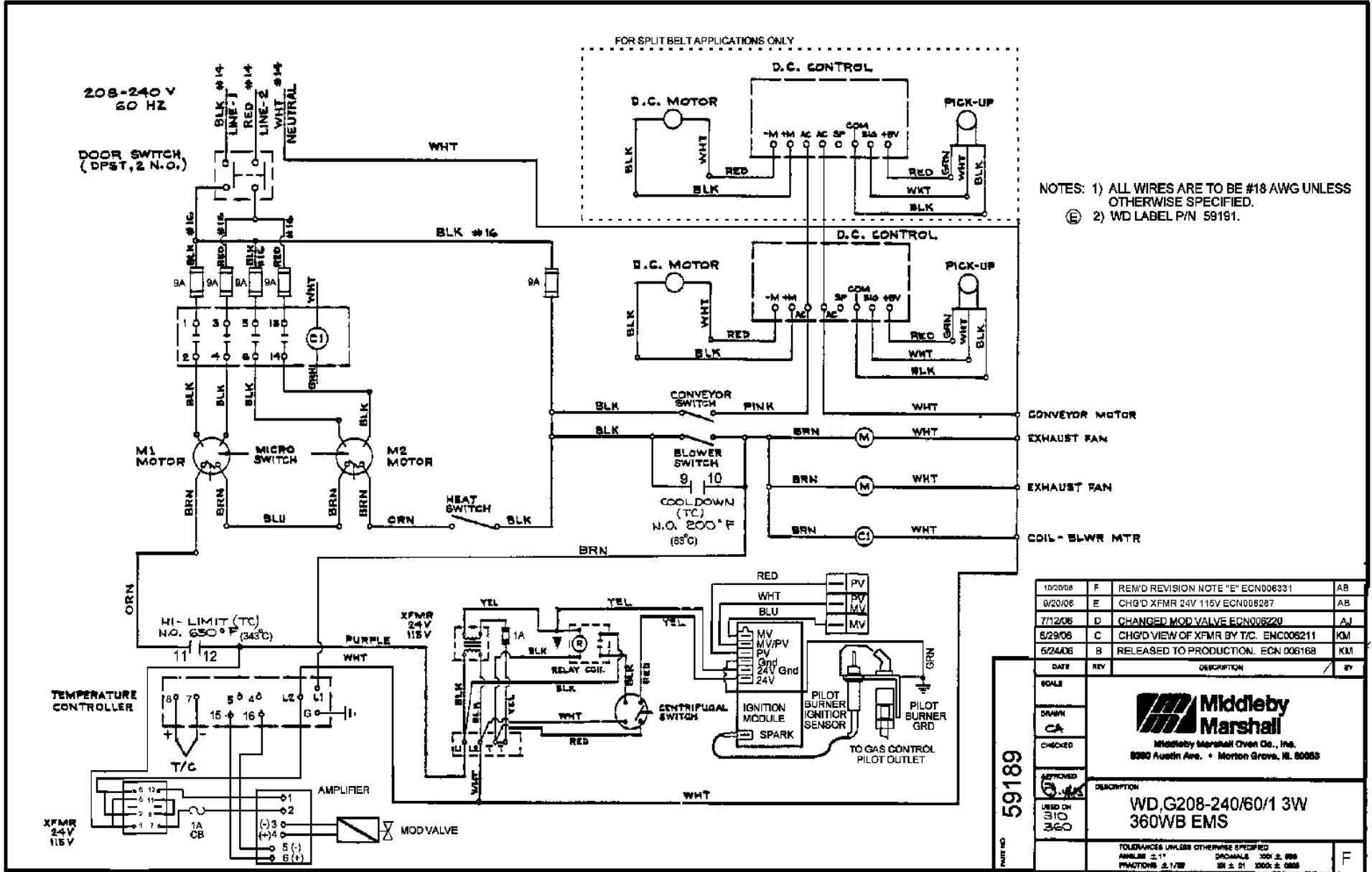
DESCRIPTION: WD, EL 480/60/3 3W PS300SER

TOLERANCES UNLESS OTHERWISE SPECIFIED:
ANGLES ± 1° DECIMALS .005 ± .001
FRACTIONS ± 1/32 XX ± .01 .000X ± .0005



12/14/05	F	CHG'D LEADS BY BLOWER SW & HI-LIMIT ECN 005427	AJ
12/09/98	E	UPDATED MODULE & ADDED FOR SPLIT BELT ALT. ECN 980867	KM
	C-D		
4-12-00	B	WPS USED ON 300/304/350, UPDATED TO 310/360 SPEC'S ECN 90027	T D
8-12-00	A	WAS: BLU, GRN, YEL, BRN ECN 96127	
DATE	REV	DESCRIPTION	BY
SCALE			
DRAWN	CA		
CHECKED			
APPROVED			
USED ON	S10 360		
DESCRIPTION		WD, GAS 208-240/60/1 3W PS360	
TOLERANCES UNLESS OTHERWISE SPECIFIED		F	
ANGLES ± 1°		DECIMALS 100 ± 0.001	
FRACTIONS ± 1/32		IN ± 0.1 1000 ± 0.005	

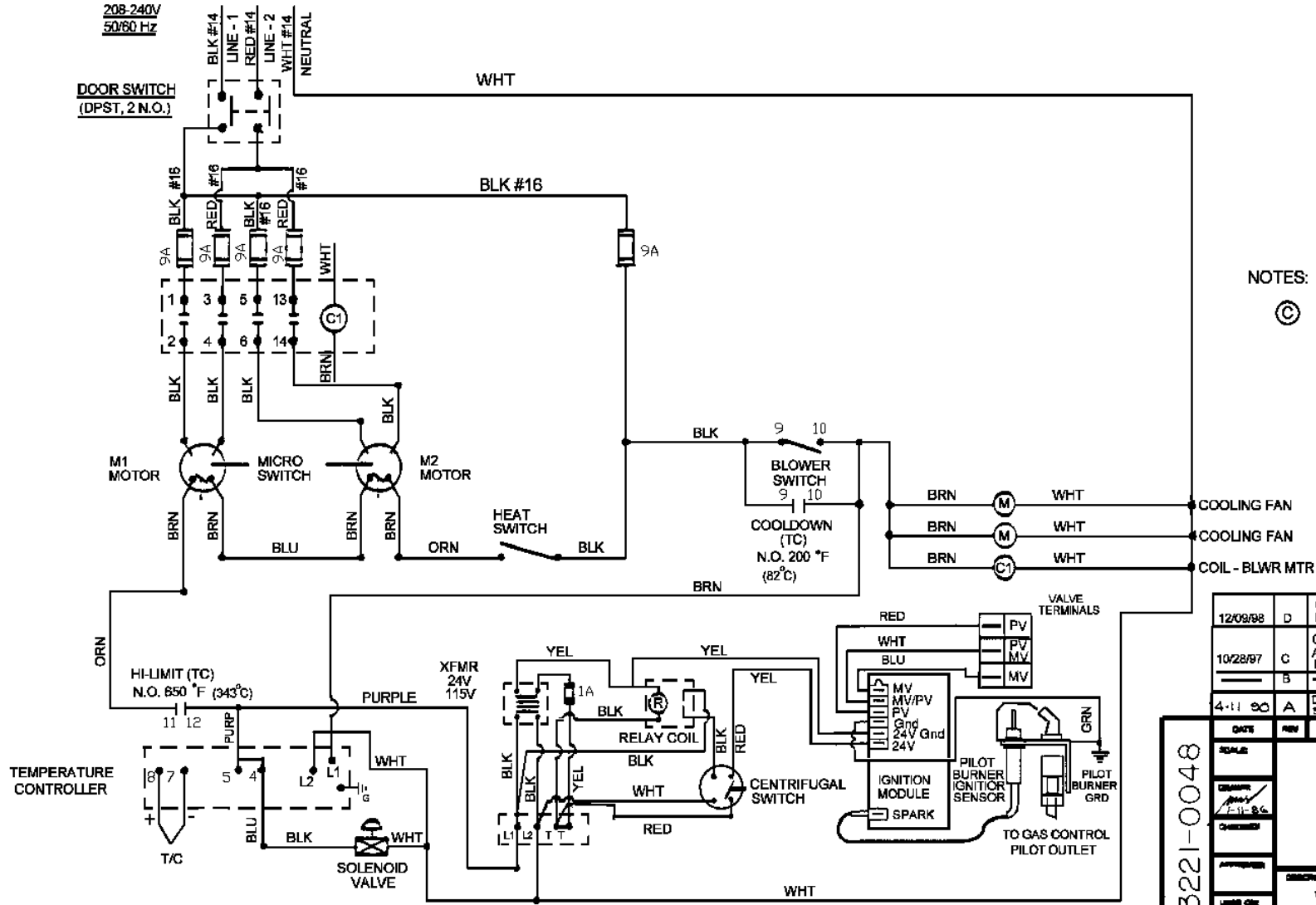
PART NO 83221-0040



10/20/08	F	REWD REVISION NOTE "E" ECN006331	AB
9/20/06	E	CHG'D XFMR 24V 115V ECN006287	AB
7/12/06	D	CHANGED MOD VALVE ECN006220	AJ
6/29/06	C	CHG'D VIEW OF XFMR BY T/C. ECN006211	KM
5/24/06	B	RELEASED TO PRODUCTION. ECN 006168	KM
DATE	REV	DESCRIPTION	BY
<p>SCALE</p> <p>DRAWN CA</p> <p>CHECKED</p> <p>APPROVED</p> <p>USED ON 310 360</p>			
<p>Middleby Marshall Middleby Marshall Oven Co., Inc. 8980 Austin Ave. • Morton Grove, IL 60055</p>			
<p>DESCRIPTION</p> <p>WD G208-240/60/1 3W 360WB EMS</p>			
<p>TOLERANCES UNLESS OTHERWISE SPECIFIED</p> <p>ANGLES ±1° DECIMALS .001 ± .005 FRACTIONS 1/32</p>			

208-240V
50/60 Hz

DOOR SWITCH
(DPST, 2 N.O.)




NOTES: 1. ALL WIRES ARE TO BE #18 AWG UNLESS OTHERWISE SPECIFIED.
2. WD LABEL 22500-0081.

12/09/88	D	CORRECTED MODULE & ADDED "C" DEGREES. EGN 980867	KM
10/28/97	C	CHG'D #S 15 & 16 TO 11 & 12, 13 & 14 TO 9 & 10. ADDED DESCP TO FUSES & NOTE 2. CHG'D #S IN TEMP CONTROLLER. EGN 97600A	KM
	B		
4-11-90	A	DELETED LIGHTS FROM BLOWER & HEAT SWITCH ECU 90027	T _D

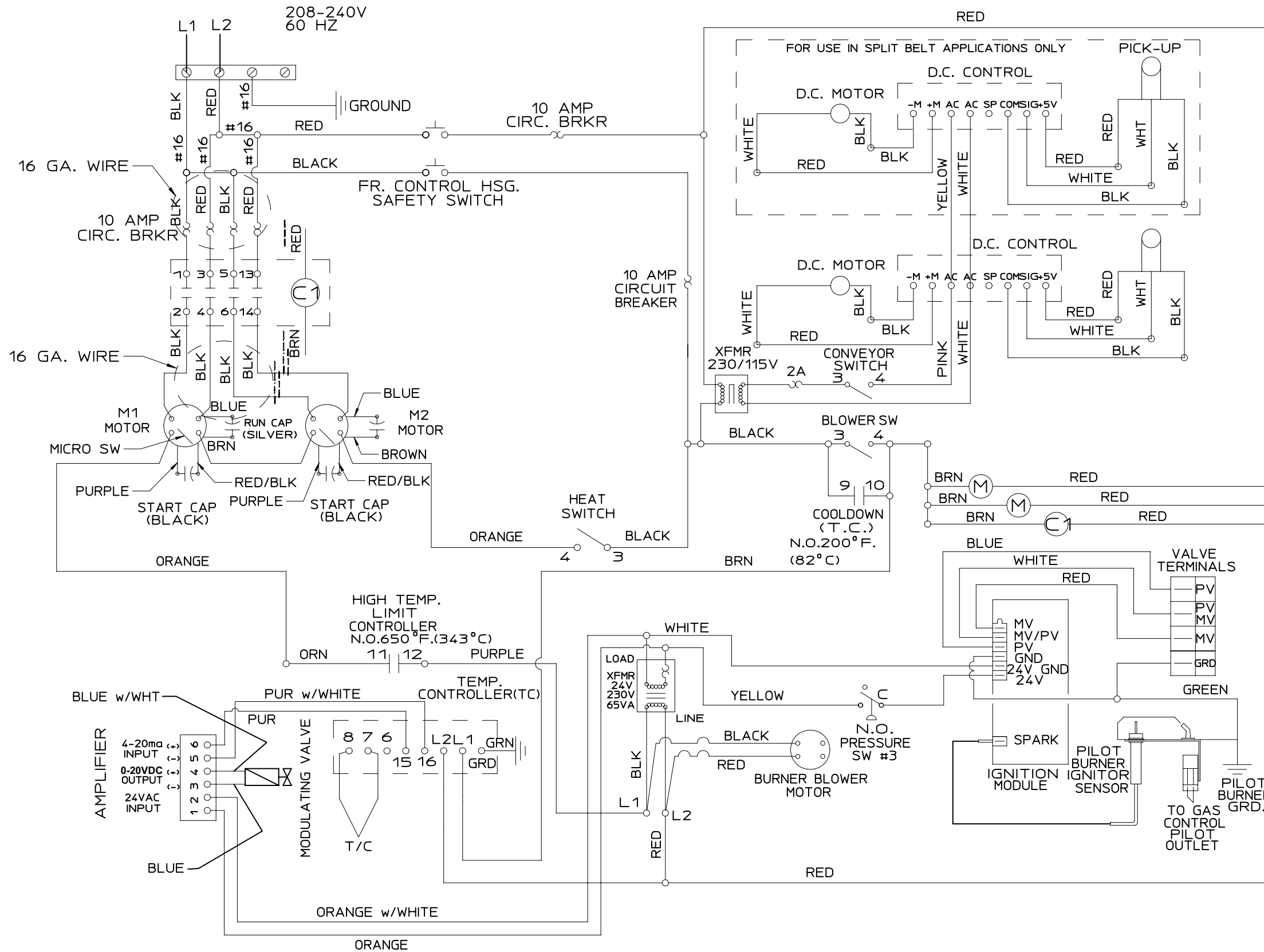
PART NO. 83221-0048

DATE	REV	DESCRIPTION	BY
SCALE			
DESIGNED			
CHECKED			
APPROVED			
USED ON			
ECU			
86111			



Middleby Marshall
 Middleby Marshall Oven Co., Inc.
 3240 Augusta Ave. • Morton Grove, IL 60053

DESCRIPTION	WD.G208-240/60/1 360T RH SLAVE
REVISIONS AND/OR OTHER SPECIFIC	
DATE	REV
12/09/88	D
10/28/97	C
4-11-90	A



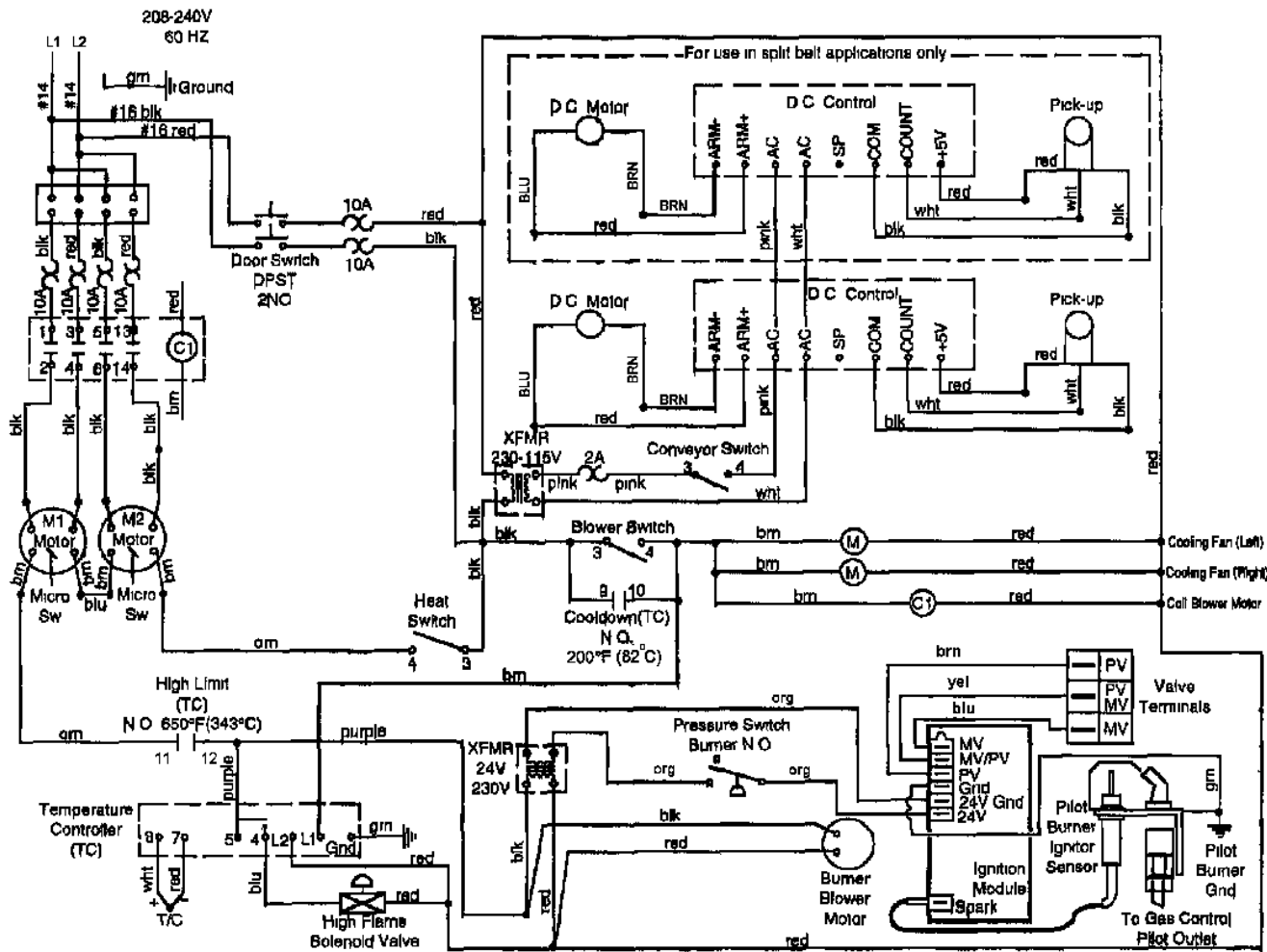
NOTE: ALL WIRES ARE TO BE #18 AWG UNLESS OTHERWISE SPECIFIED.

FOR ARTWORK SEE LABEL DWG P/N 36597

COOLING FAN (LEFT)
 COOLING FAN (RIGHT)
 CONTACTOR COIL (BLOWER MOTORS)

DATE	REV	DESCRIPTION	BY
07-12-06	G	CHANGED MOD VALVE ECN006220	AJ
10-20-99	F	REMOVED STEP-UP TRANSFORMER. ECN 990563	KM
11-06-98	E	COOL DOWN TEMP WAS 180. ECN 980655	KM
08-06-98	D	NUMBERS 15 WAS 5 & 16 WAS 4 ON T/C. ECN 980523	KM
06-03-98	C	REMOVED SENSOR. ECN 980146	TD
06-19-97	B	RELEASED TO PRODUCTION. ECN 97370	KM

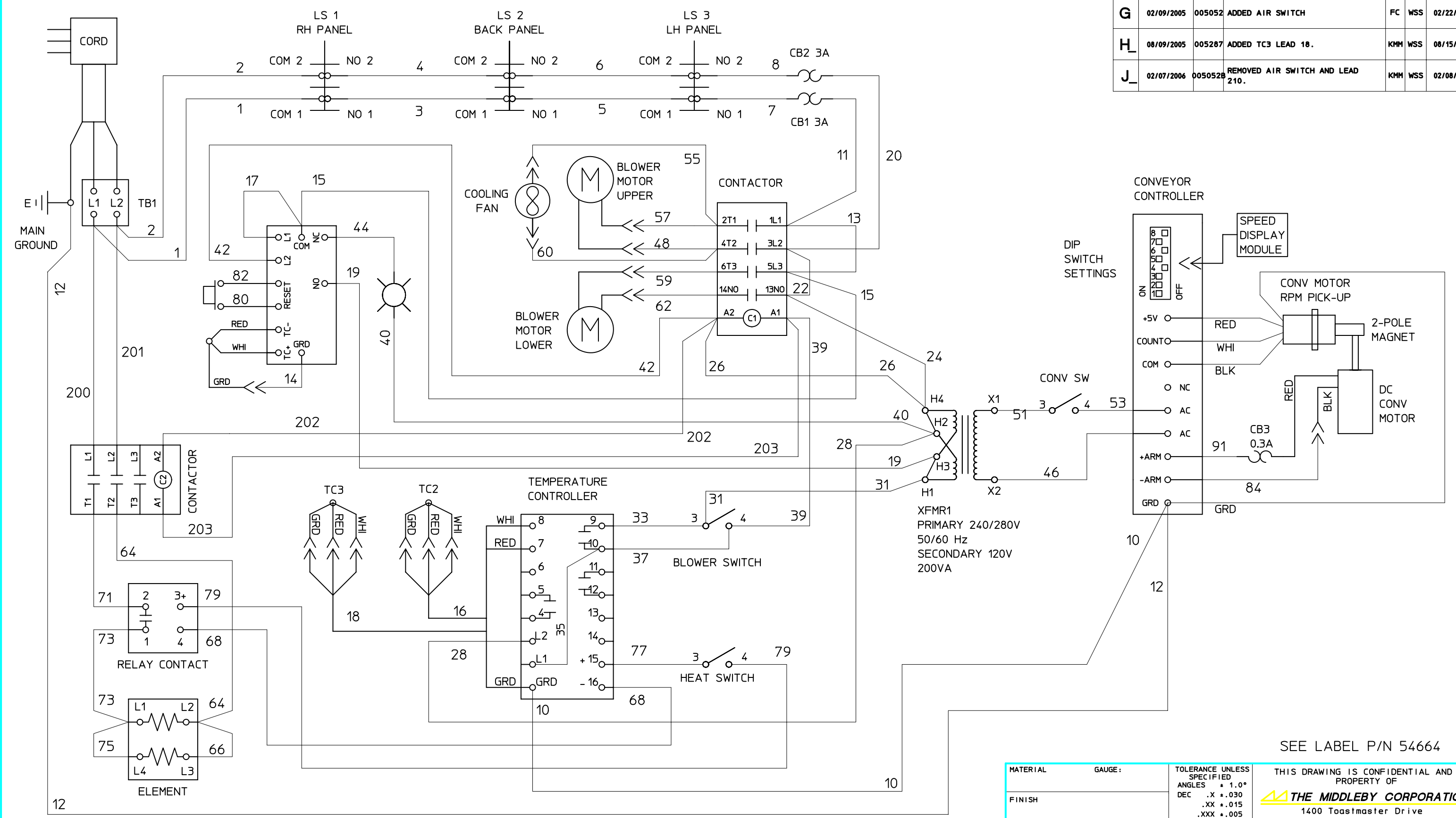
SCALE: NONE	<p>Middleby Marshall Inc. 1400 Toastmaster Dr. Elgin, IL 60120</p>	PART NO: 33716
DRAWN: NLP		
CHECKED: 11-04-94		
APPROVED:		
USED ON: PS360 EWB	DESCRIPTION: WD,G208-240/60/1 3W MOD 360EWB	
REL. ECN: 97370	SHEET: 10F1	TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGLES: +/- .5 DEG. DECIMALS: X +/- .030 .XX +/- .015 .XXX +/- .005



- NOTES: 1. ALL WIRES ARE TO BE #18 AWG UNLESS OTHERWISE SPECIFIED.
 (F) 2. WD LABEL P/N 32442.
 (G) 3. WD LAMINATED CARD P/N 31782.

6/1/99	J	REMOVED SENSING ROD. ECN990286A	RA
11/9/98	H	COOL DOWN TEMP WAS 180. 980655	KM
2/9/98	G	ADDED NOTE #3. ECN 980085	KM
10/8/97	F	CHG'D WHIT WIRE TO BLU & BLK TO BRN. ADDED NOTE 2. ECN 97600	KM
5-5-95	E	brn was blu yel was wht blu was red org was yel	PEF
2/2/95	D	pilot lead was blk	PEF
01/24/95	C	contacts 11 and 12 were 5 and 6 ECN 94452A	PEF
1 6 95	B	RELEASED TO PRODUCTION ECN 94452	ARV
DATE	REV	DESCRIPTION	BY
SCALE		 Middleby Marshall Inc 1400 Toastmaster Drive Elgin Illinois 60120	PART NO 31781
DRAWN			
CHECKED			
APPROVED			
USED ON P360 WB70		DESCRIPTION WD,G208-240/60/1 PS360WB70	
REL ECN 94452	SHEET OF	TOLERANCE UNLESS OTHERWISE SPECIFIED ANGLES 1/2-1 DEG DECIMALS 2-1/2-030 XX-1/-018 2XX 1/2-008	REV J

REV	DATE	ECN	REVISION DESCRIPTION	BY	CHK	DATE
G	02/09/2005	005052	ADDED AIR SWITCH	FC	WSS	02/22/2005
H	08/09/2005	005287	ADDED TC3 LEAD 18.	KMM	WSS	08/15/2005
J	02/07/2006	0050528	REMOVED AIR SWITCH AND LEAD 210.	KMM	WSS	02/08/2006



VOLTAGE	KW	PHASE	AMPS
208	8.3	1	39.9
230-240	7.6 - 8.3	1	33.0 - 34.6

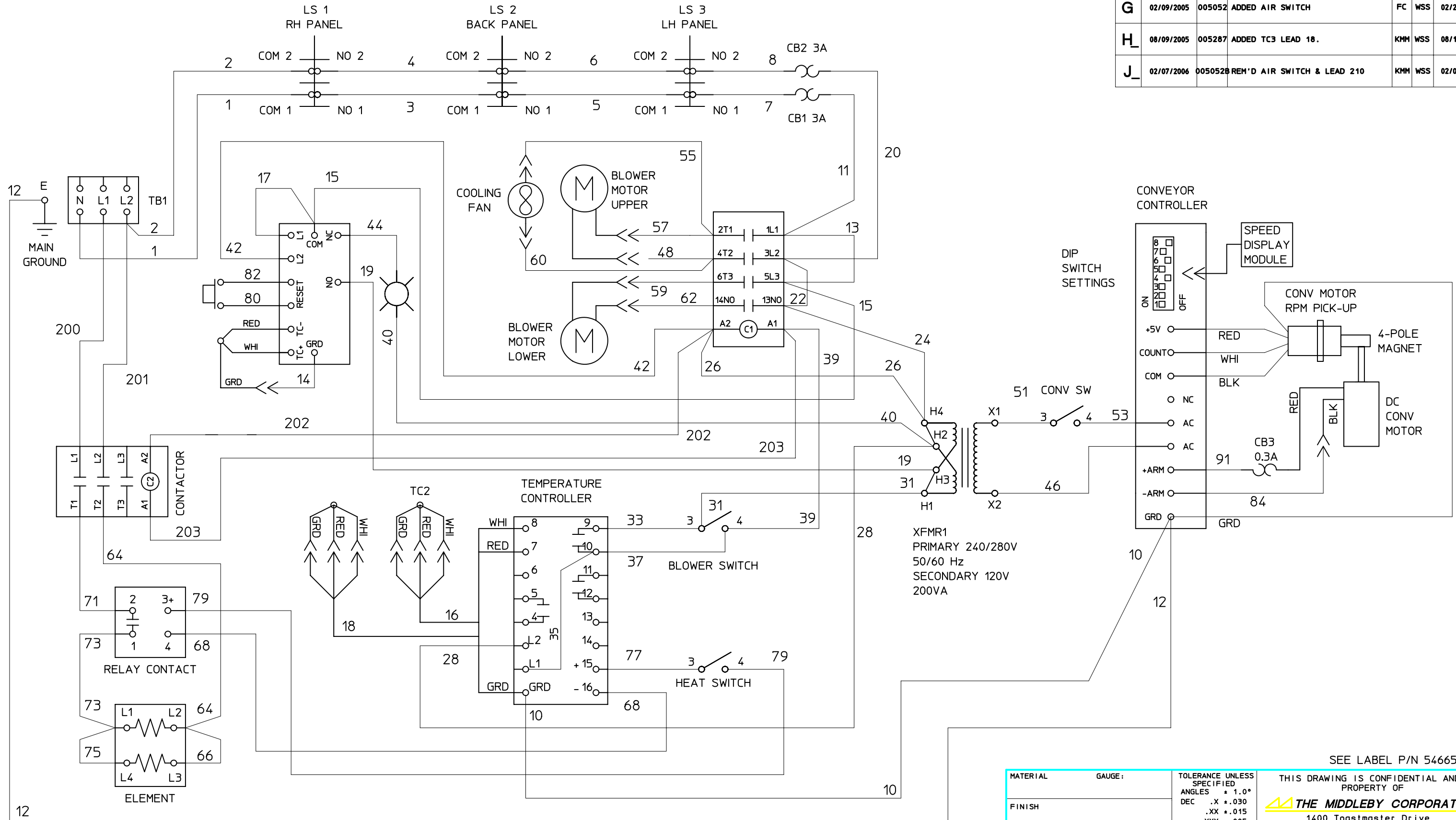
SEE LABEL P/N 54664

MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES * 1.0° DEC .X * .030 .XX * .015 .XXX * .005	
DRAWN KMM	CHECKED WSS	APPROVED WSS	
02/07/2006			02/08/2006

WD, E 208-240V 1PH PS520/1820S

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING	PART NO 48713	SHT 1 OF 1	REV J
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REV	DATE	ECN	REVISION DESCRIPTION	BY	CHK	DATE
G	02/09/2005	005052	ADDED AIR SWITCH	FC	WSS	02/22/2005
H	08/09/2005	005287	ADDED TC3 LEAD 18.	KMM	WSS	08/15/2005
J	02/07/2006	005052B	REN'D AIR SWITCH & LEAD 210	KMM	WSS	02/08/2006



VOLTAGE	KW	PHASE	AMPS
380	8.3	1	21.8
480	8.3	1	17.3

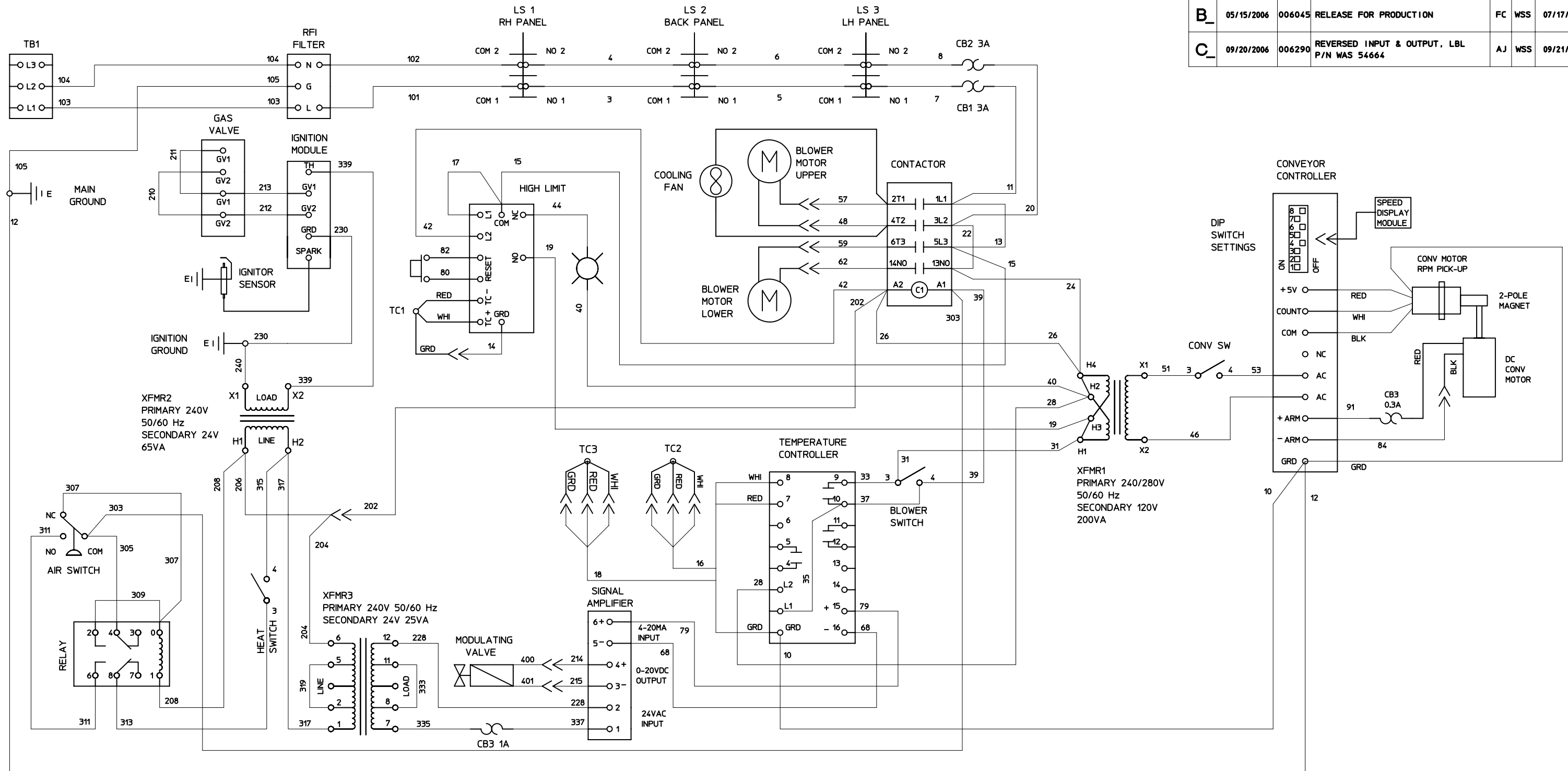
SEE LABEL P/N 54665

MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005	
DRAWN KMM	CHECKED WSS	APPROVED WSS	
02/07/2006			02/08/2006
02/07/2006			02/08/2006

WD, E380-480V 1PH PS520/1820S

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING	PART NO 52445	SHT 1 OF 1	REV J_
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REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
A ₁	04/13/2006	006045	REMOVED WIRES 55 & 60	FC		
B ₋	05/15/2006	006045	RELEASE FOR PRODUCTION	FC	WSS	07/17/2006
C ₋	09/20/2006	006290	REVERSED INPUT & OUTPUT. LBL P/N WAS 54664	AJ	WSS	09/21/2006



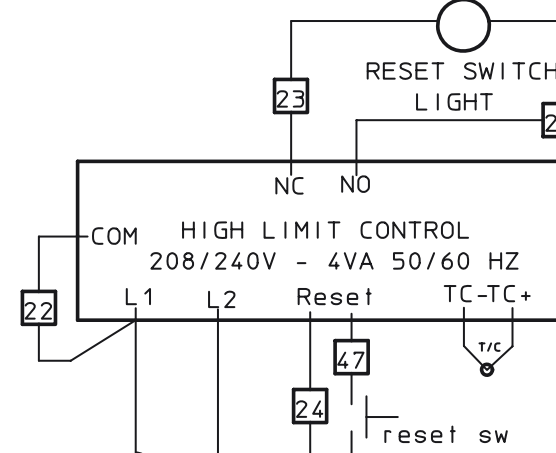
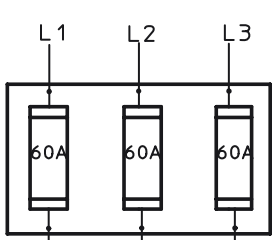
SEE LABEL P/N 59218

MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300	
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005		
DRAWN AJ	CHECKED WSS	APPROVED WSS		
09/20/2006		09/21/2006	09/21/2006	
WD, G208-240 50/60 GO PS520G				
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 59113	SHT 1 OF 1	REV C ₋

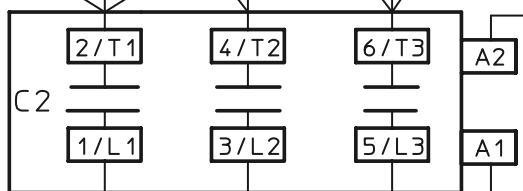
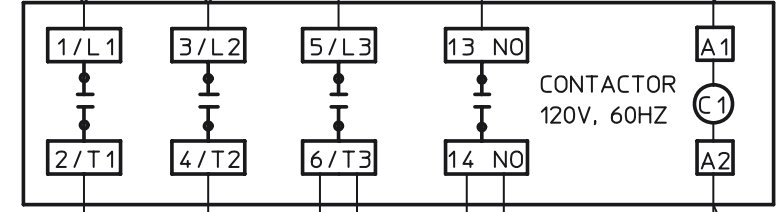
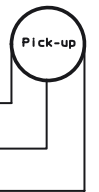
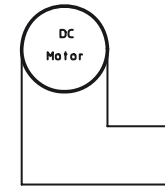
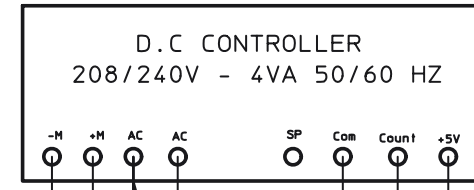
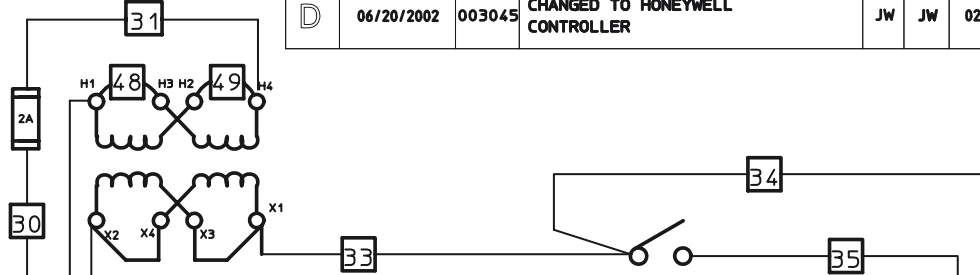
MODEL NO.	VOLTS	TOTAL KW	3 PHASE LOADING KW PER PHASE			NOM. AMP. PER LINE WIRE 3 PHASE		
			X - Y	Y - Z	X - Z	X	Y	Z
PS536	208	6.5	6.5	5.46	5.3	49.1	49.5	44.1
PS536	230	5.9	4.9	4.8	4.8	44.4	44.8	40.0

NOTES:
1. WD LABEL P/N 44778

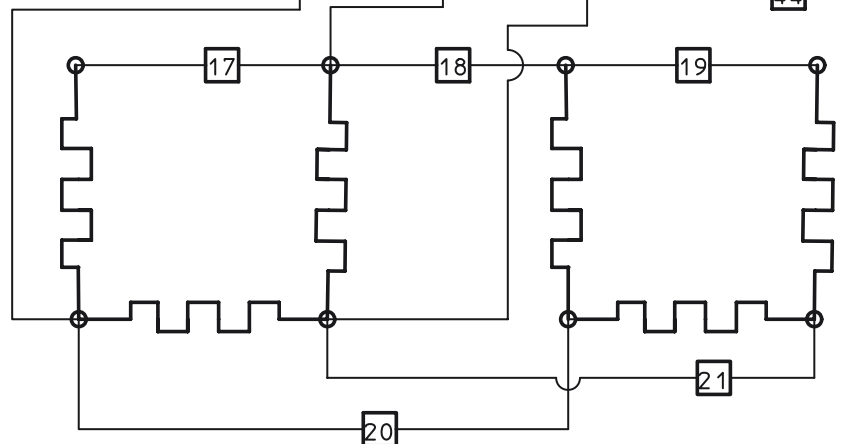
FUSE BLOCK



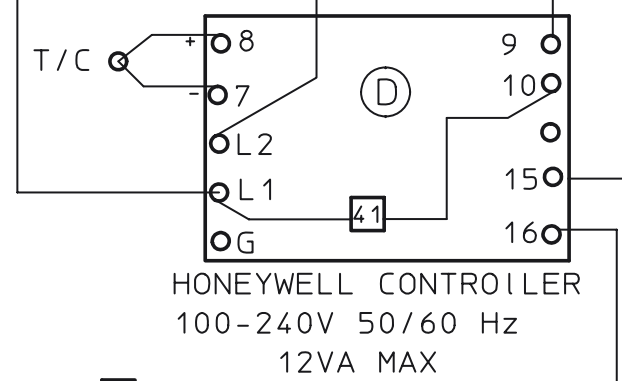
208VAC PRIMARY
120VAC SECONDARY



3 PHASE RELAY
480V 50/60 HZ
AC1: 55A
AC3: 10A



8KW 3 Phase Element 8KW 3 Phase Element



MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005	
DRAWN FRW 01/18/2000	CHECKED JW 02/05/2003	APPROVED JW 02/05/2003	

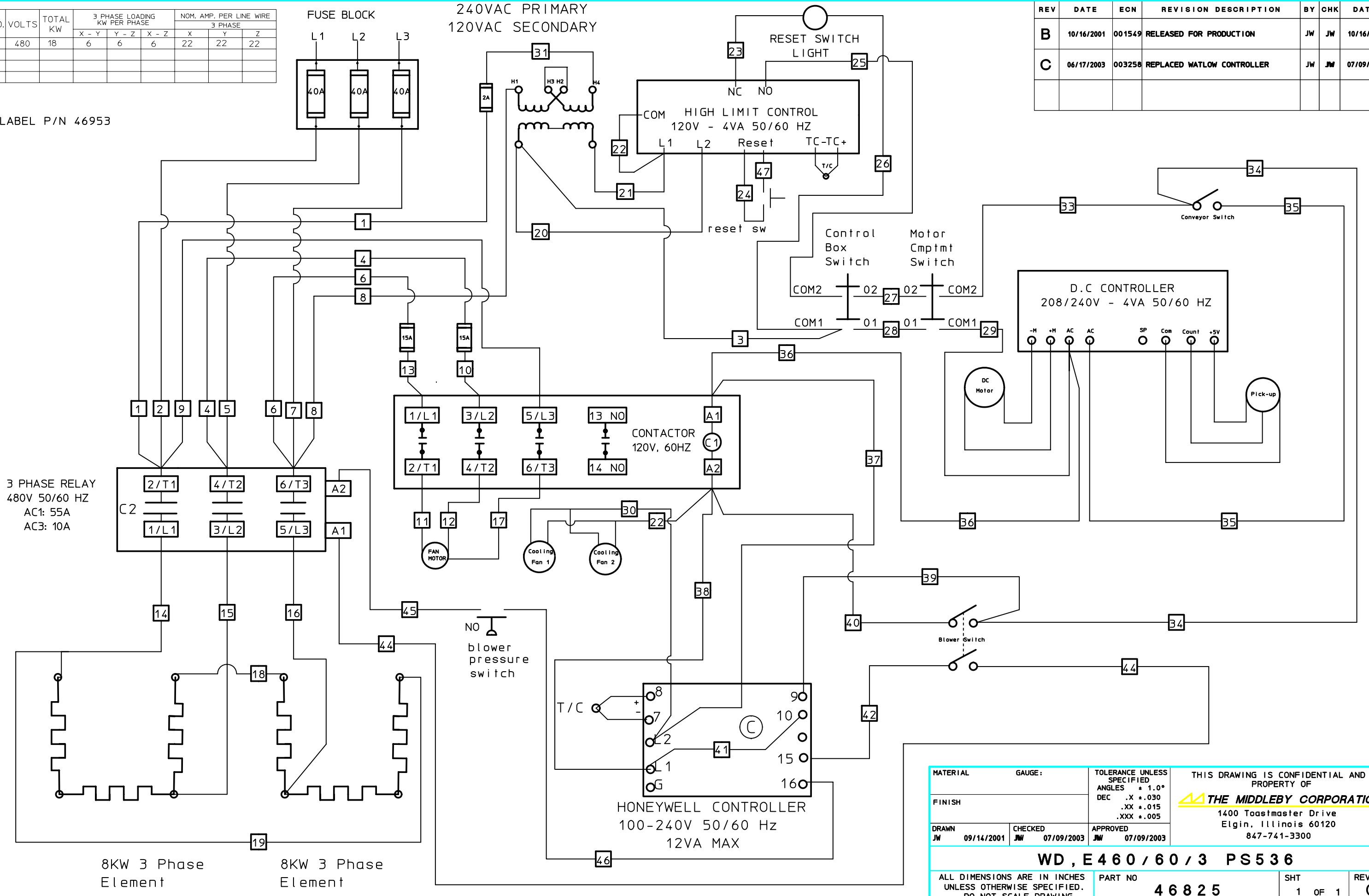
WD, E 208-230/60/3 PS536
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING
PART NO 44776 SHT 1 OF 1 REV D

MODEL NO.	VOLTS	TOTAL KW	3 PHASE LOADING KW PER PHASE			NOM. AMP. PER LINE WIRE		
			X - Y	Y - Z	X - Z	X	Y	Z
PS536	480	18	6	6	6	22	22	22

NOTES:
1. WD LABEL P/N 46953

FUSE BLOCK

240VAC PRIMARY
120VAC SECONDARY



REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
B	10/16/2001	001549	RELEASED FOR PRODUCTION	JW	JW	10/16/2001
C	06/17/2003	003258	REPLACED WATLOW CONTROLLER	JW	JW	07/09/2003

3 PHASE RELAY
480V 50/60 HZ
AC1: 55A
AC3: 10A

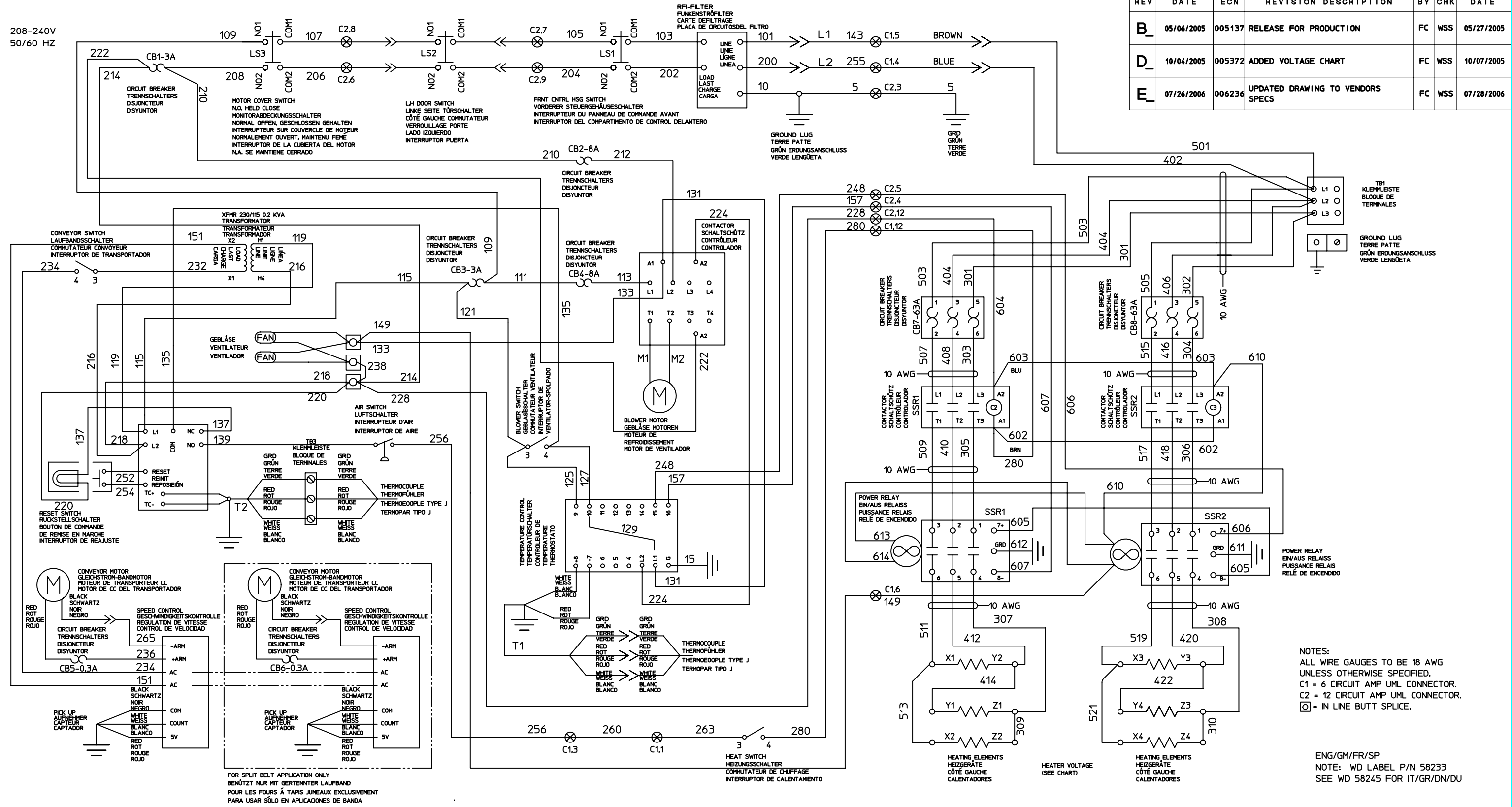
8KW 3 Phase
Element

8KW 3 Phase
Element

HONEYWELL CONTROLLER
100-240V 50/60 Hz
12VA MAX

MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005	
DRAWN JW 09/14/2001	CHECKED JW 07/09/2003	APPROVED JW 07/09/2003	
WD, E460/60/3 PS536			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 46825	SHT 1 OF 1 REV C

REV	DATE	ECN	REVISION DESCRIPTION	BY	CHK	DATE
B	05/06/2005	005137	RELEASE FOR PRODUCTION	FC	WSS	05/27/2005
D	10/04/2005	005372	ADDED VOLTAGE CHART	FC	WSS	10/07/2005
E	07/26/2006	006236	UPDATED DRAWING TO VENDORS SPECS	FC	WSS	07/28/2006



NOTES:
 ALL WIRE GAUGES TO BE 18 AWG UNLESS OTHERWISE SPECIFIED.
 C1 = 6 CIRCUIT AMP UML CONNECTOR.
 C2 = 12 CIRCUIT AMP UML CONNECTOR.
 □ = IN LINE BUTT SPLICE.

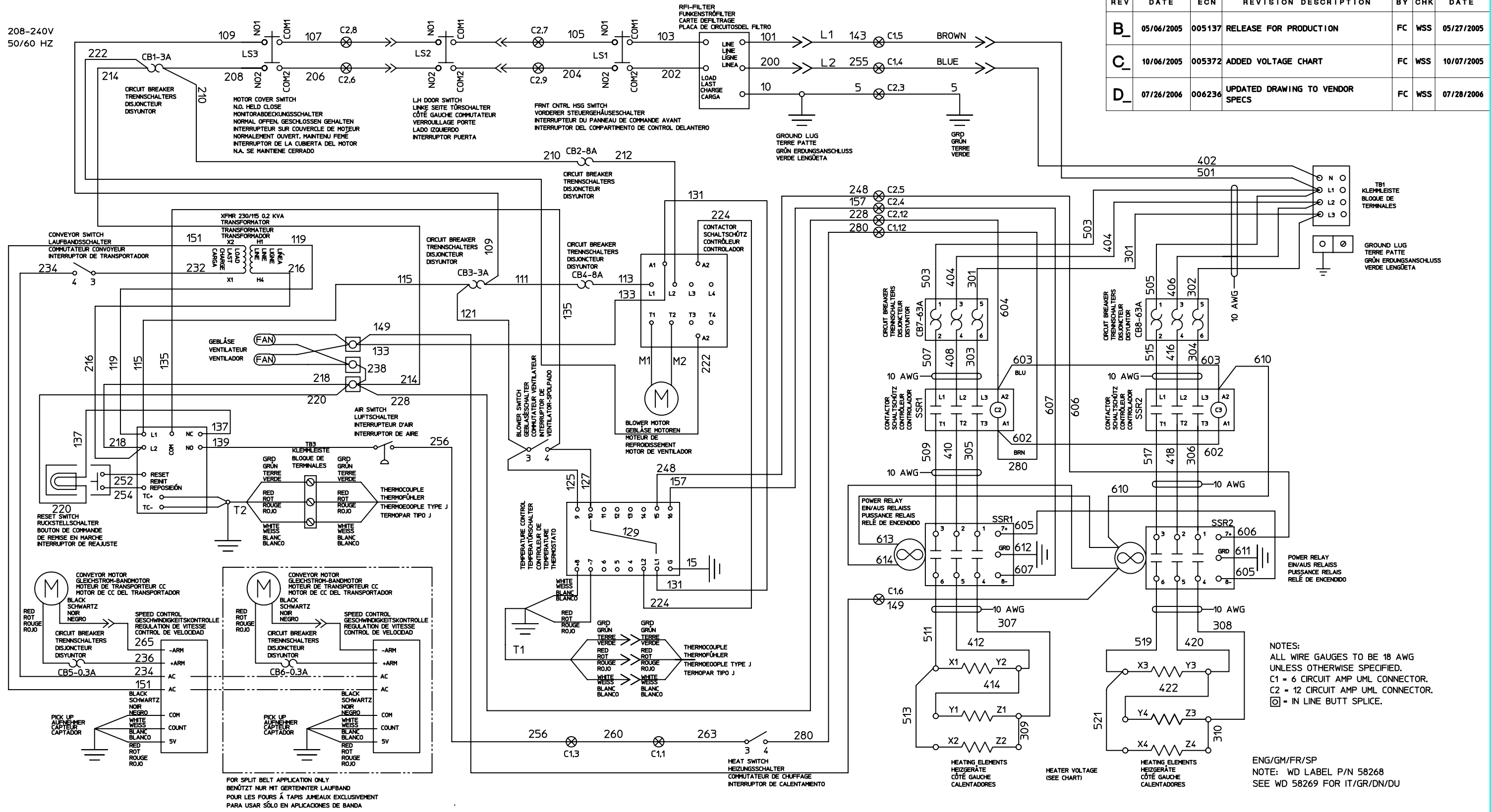
ENG/GM/FR/SP
 NOTE: WD LABEL P/N 58233
 SEE WD 58245 FOR IT/GR/DN/DU

VOLTAGE	TOTAL KILOWATTS	PHASE	L1	L2	L3
208	17.0	3	53.19	53.19	47.19
	23.5	3	71.2	71.2	65.2
240	17.0	3	46.9	46.9	40.9
	23.5	3	62.5	62.5	56.5

MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005	
DRAWN FC	CHECKED WSS	APPROVED WSS	
WD, E208-240V 3PH 536ES ENG			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 58214	SHT 1 OF 1
		REV E	

208-240V
50/60 HZ

REV	DATE	ECN	REVISION DESCRIPTION	BY	CHK	DATE
B	05/06/2005	005137	RELEASE FOR PRODUCTION	FC	WSS	05/27/2005
C	10/06/2005	005372	ADDED VOLTAGE CHART	FC	WSS	10/07/2005
D	07/26/2006	006236	UPDATED DRAWING TO VENDOR SPECS	FC	WSS	07/28/2006



NOTES:
ALL WIRE GAUGES TO BE 18 AWG UNLESS OTHERWISE SPECIFIED.
C1 = 6 CIRCUIT AMP UML CONNECTOR.
C2 = 12 CIRCUIT AMP UML CONNECTOR.
☐ = IN LINE BUTT SPLICE.

ENG/GM/FR/SP
NOTE: WD LABEL P/N 58268
SEE WD 58269 FOR IT/GR/DN/DU

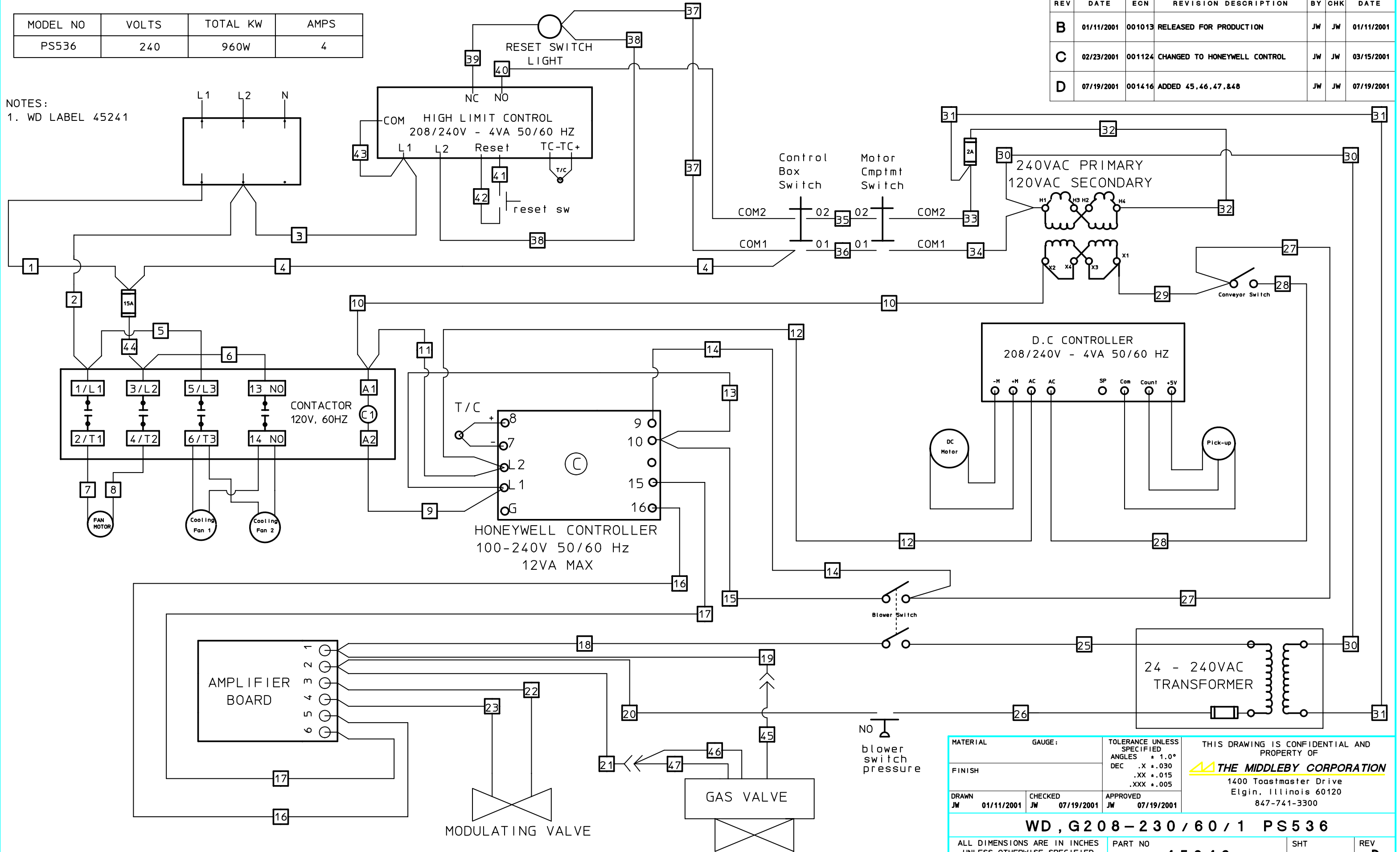
VOLTAGE	TOTAL KILOWATTS	PHASE	L1	L2	L3	N
380	17.0	3	31.8	25.8	25.8	6.0
	23.5	3	41.7	35.7	35.7	6.0
480	17.0	3	26.5	20.5	20.5	6.0
	23.5	3	34.3	28.3	28.3	6.0

MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005	
DRAWN FC	CHECKED WSS	APPROVED WSS	
WD, E380-480V 3PH 536ES ENG			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 58267	SHT 1 OF 1
		REV D	

MODEL NO	VOLTS	TOTAL KW	AMPS
PS536	240	960W	4

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
B	01/11/2001	001013	RELEASED FOR PRODUCTION	JW	JW	01/11/2001
C	02/23/2001	001124	CHANGED TO HONEYWELL CONTROL	JW	JW	03/15/2001
D	07/19/2001	001416	ADDED 45,46,47,848	JW	JW	07/19/2001

NOTES:
1. WD LABEL 45241

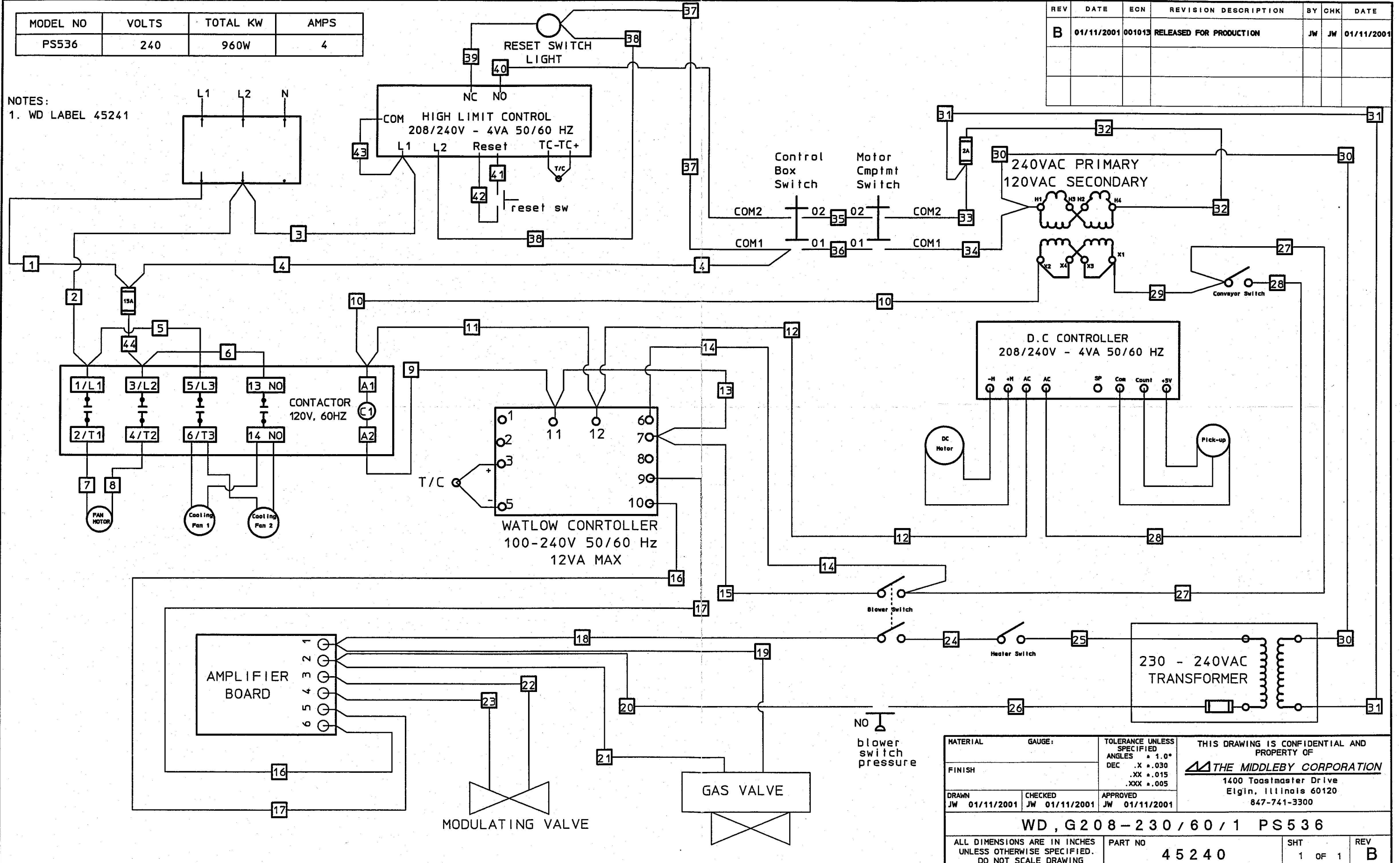


MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300		
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005			
DRAWN JW	01/11/2001	CHECKED JW		07/19/2001	APPROVED JW
WD, G208-230/60/1 PS536					
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 45240	SHT 1 OF 1	REV D	

MODEL NO	VOLTS	TOTAL KW	AMPS
PS536	240	960W	4

REV	DATE	ECN	REVISION DESCRIPTION	BY	CHK	DATE
B	01/11/2001	001013	RELEASED FOR PRODUCTION	JW	JW	01/11/2001

NOTES:
1. WD LABEL 45241



MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300	
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005		
DRAWN JW 01/11/2001	CHECKED JW 01/11/2001	APPROVED JW 01/11/2001		
WD, G208-230/60/1 PS536				
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 45240	SHT 1 OF 1	REV B

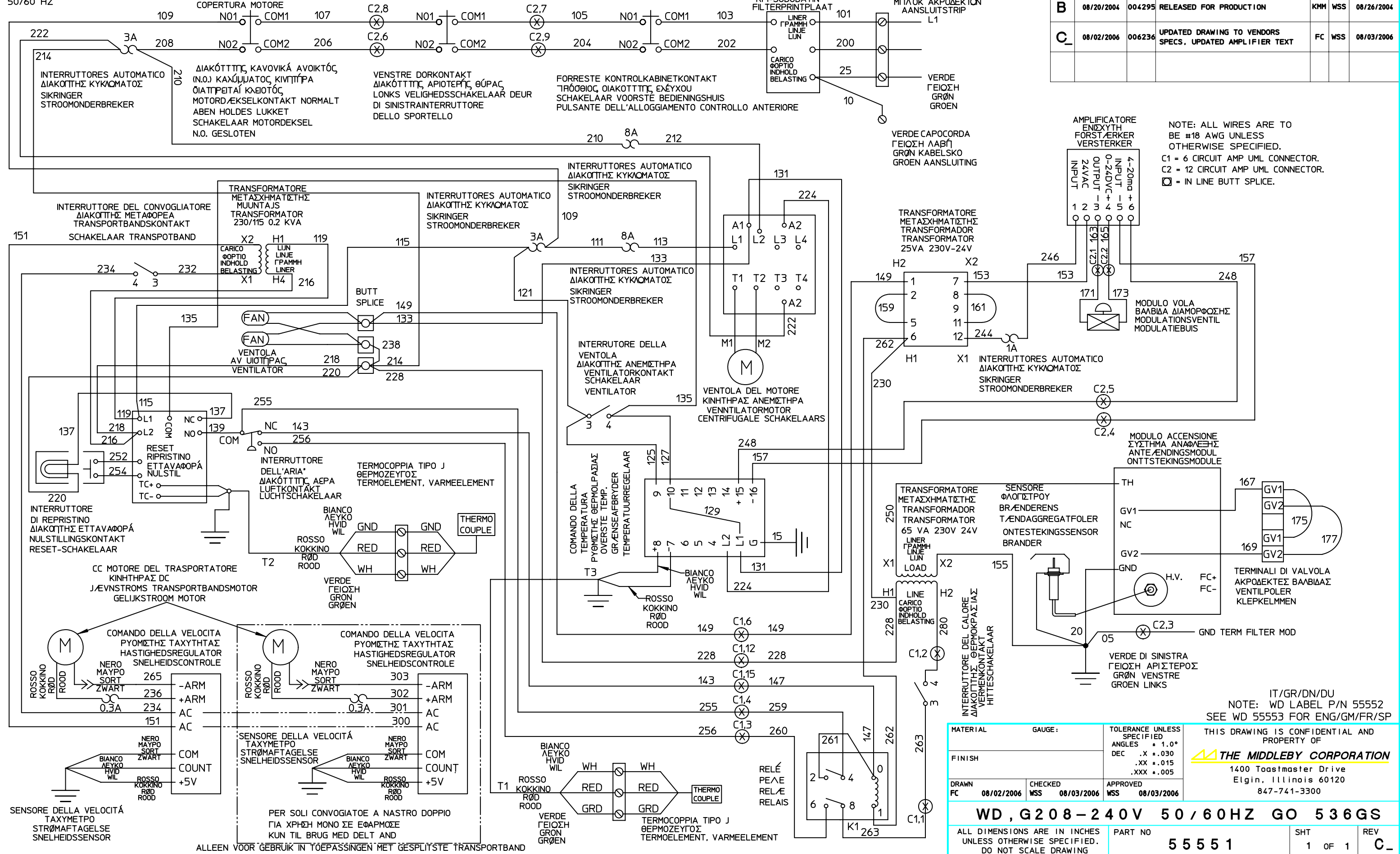
208-240V
50/60 HZ

CHIUSURA INTERRUOTTORE
(NORMALMENTE APERTO)
COPERTURA MOTORE

SCHEDA FILTRO ANTIDISTORBO
ΦΙΛΤΡΟ ΡFI
RFI-SUDDODATIN
FILTERPRINTPLAAT

TB1
MORSETTIERA
TAVLE
ΜΠΛΟΚ ΑΚΡΟΔΕΚΤΟΝ
AANSLUITSTRIP
L1

REV	DATE	ECN	REVISION DESCRIPTION	BY	CHK	DATE
B	08/20/2004	004295	RELEASED FOR PRODUCTION	KMM	WSS	08/26/2004
C ₁	08/02/2006	006236	UPDATED DRAWING TO VENDORS SPECS, UPDATED AMPLIFIER TEXT	FC	WSS	08/03/2006

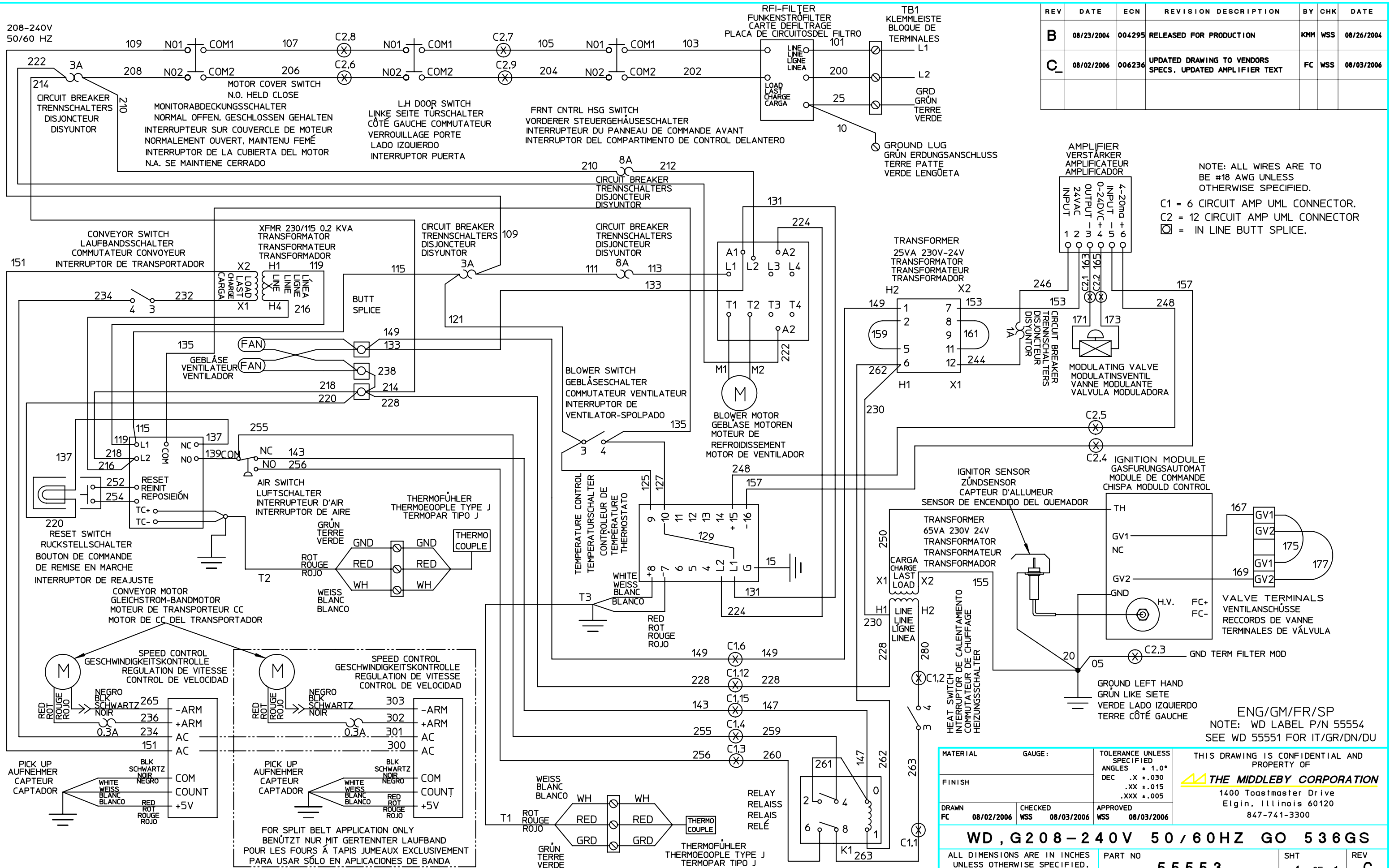


NOTE: ALL WIRES ARE TO
BE #18 AWG UNLESS
OTHERWISE SPECIFIED.
C1 = 6 CIRCUIT AMP UML CONNECTOR.
C2 = 12 CIRCUIT AMP UML CONNECTOR.
☒ = IN LINE BUTT SPLICE.

IT/GR/DN/DU
NOTE: WD LABEL P/N 55552
SEE WD 55553 FOR ENG/GM/FR/SP

MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005	
DRAWN FC	08/02/2006	CHECKED WSS	APPROVED WSS
WD, G208-240V 50/60HZ GO 536GS			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 55551	SHT 1 OF 1
		REV C₁	

208-240V
50/60 HZ



REV	DATE	ECN	REVISION DESCRIPTION	BY	CHK	DATE
B	08/23/2004	004295	RELEASED FOR PRODUCTION	KMM	WSS	08/26/2004
C	08/02/2006	006236	UPDATED DRAWING TO VENDORS SPECS, UPDATED AMPLIFIER TEXT	FC	WSS	08/03/2006

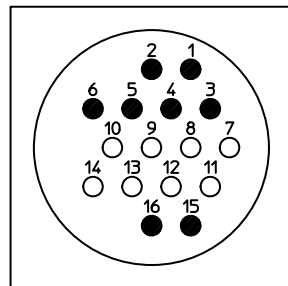
NOTE: ALL WIRES ARE TO BE #18 AWG UNLESS OTHERWISE SPECIFIED.
C1 = 6 CIRCUIT AMP UML CONNECTOR.
C2 = 12 CIRCUIT AMP UML CONNECTOR
⊗ = IN LINE BUTT SPLICE.

ENG/GM/FR/SP
NOTE: WD LABEL P/N 55554
SEE WD 55551 FOR IT/GR/DN/DU

MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES * 1.0° DEC .X * .030 .XX * .015 .XXX * .005	
DRAWN FC	08/02/2006	CHECKED WSS	
APPROVED WSS		08/03/2006	
WD, G208-240V 50/60HZ GO 536GS			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 55553	SHT 1 OF 1
		REV C	

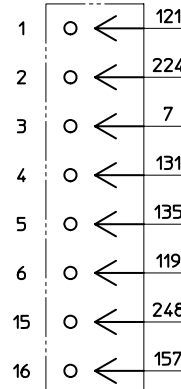
REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
B	02/23/2004	003247	RELEASED FOR PRODUCTION	ATH	WSS	01/28/2004
C	08/08/2006	006219	REVERSED INPUT & OUTPUT	AB	WSS	08/10/2006

P/N 31279
MALE RCPT
PIN LOCATIONS

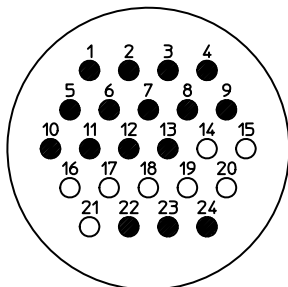


CONNECTS TO
FEMALE END
OF P/N 32142

8 PINS TO
P/N 31279
MALE RCPT

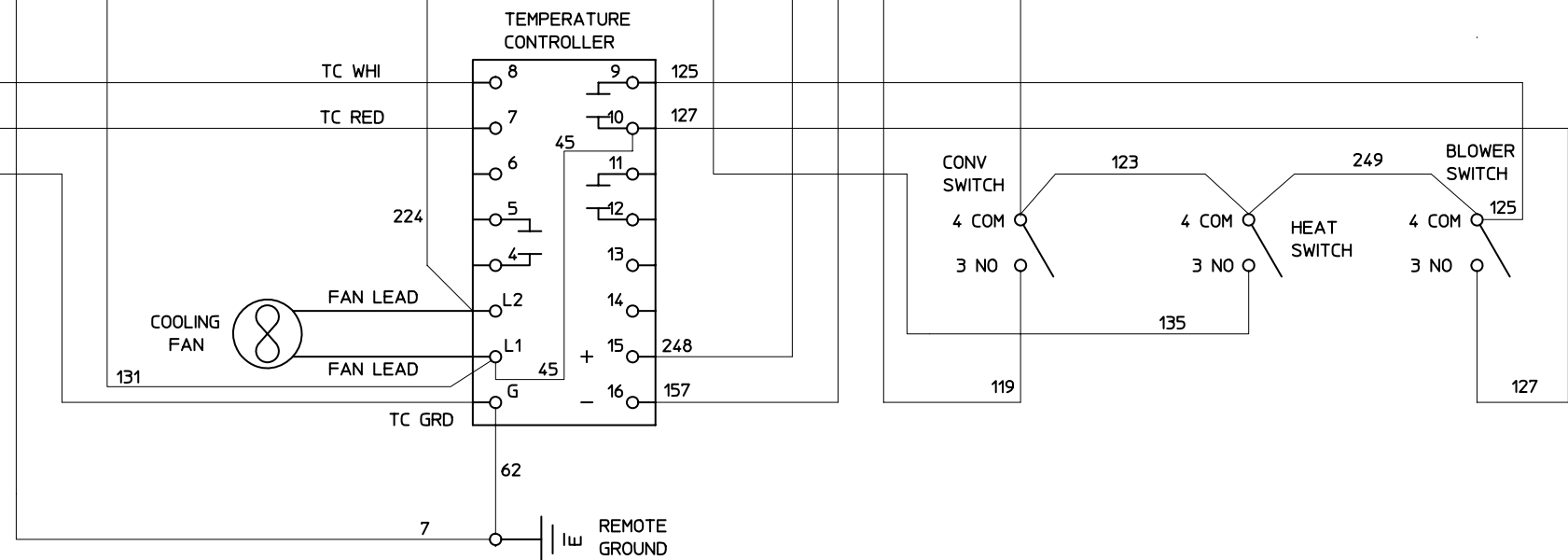
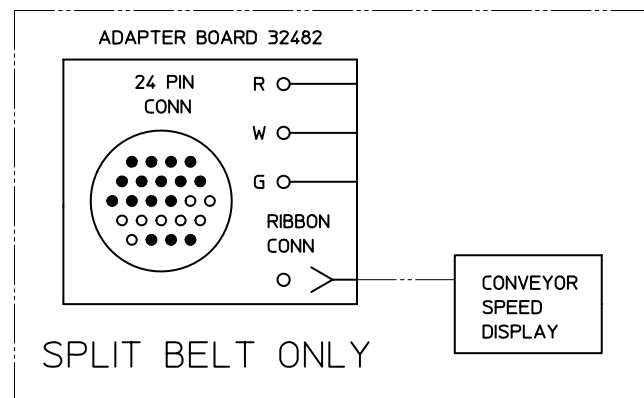
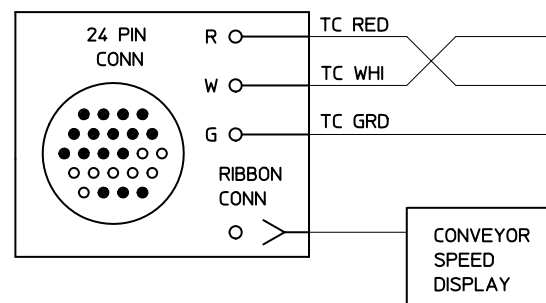


P/N 32482
MALE RCPT
PIN LOCATIONS



CONNECTS TO
FEMALE END(S)
OF P/N 44749

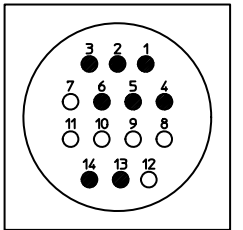
ADAPTER BOARD 32482



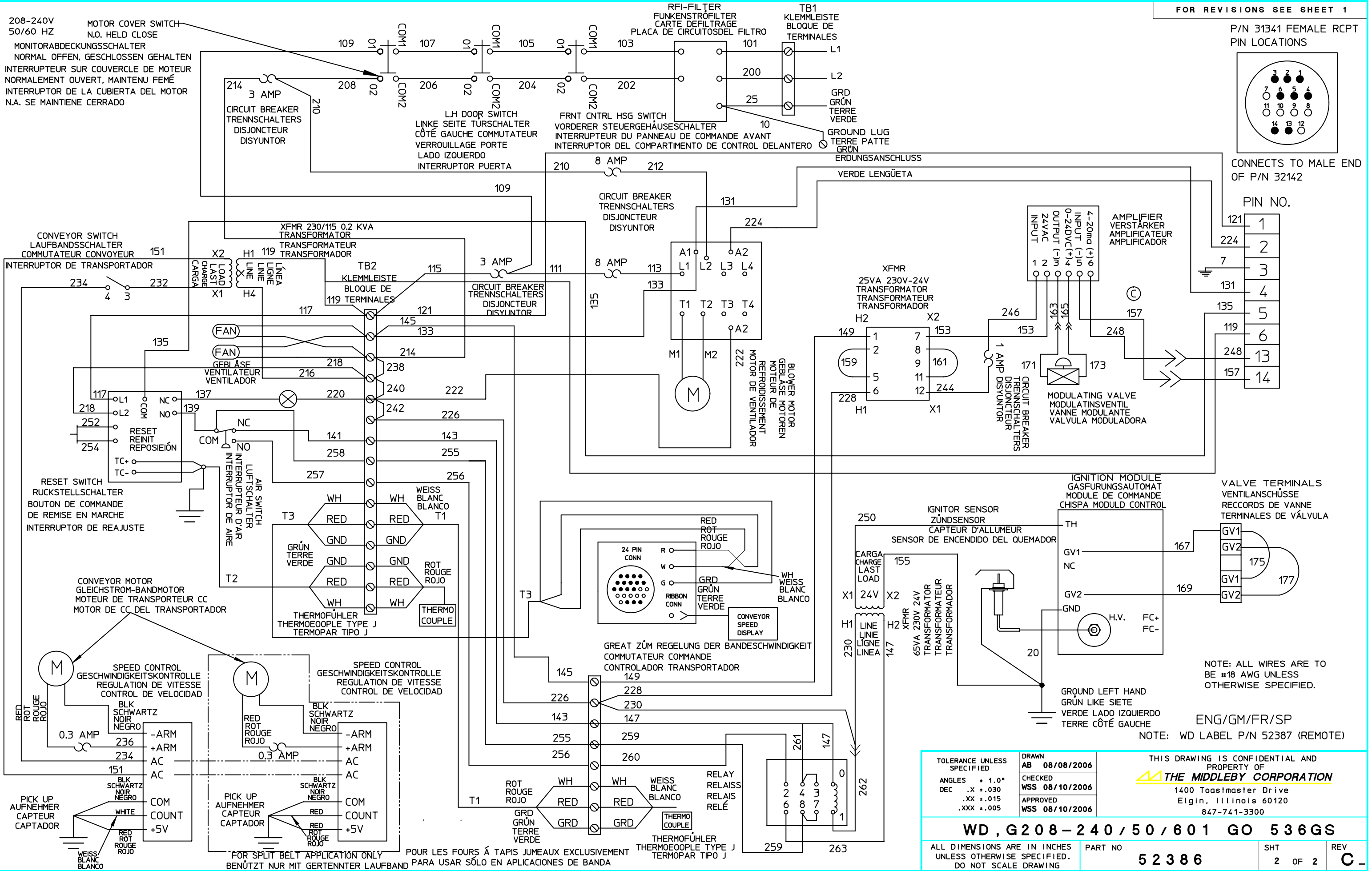
MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300	
FINISH		ANGLES * 1.0° DEC .X ±.030 .XX ±.015 .XXX ±.005		
DRAWN AB 08/08/2006	CHECKED WSS 08/10/2006	APPROVED WSS 08/10/2006		
WD, G208-240/50/60/1 GO 536GS				
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 52386	SHT 1 OF 2	REV C

208-240V
50/60 HZ
MOTOR COVER SWITCH
N.O. HELD CLOSE
MONITORABDECKUNGSSCHALTER
NORMAL OFFEN, GESCHLOSSEN GEHALTEN
INTERRUPTEUR SUR COUVERCLE DE MOTEUR
NORMALEMENT OUVERT, MAINTENU FEMÉ
INTERRUPTOR DE LA CUBIERTA DEL MOTOR
N.A. SE MANTIENE CERRADO

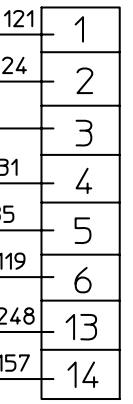
P/N 31341 FEMALE RCPT
PIN LOCATIONS



CONNECTS TO MALE END
OF P/N 32142



PIN NO.



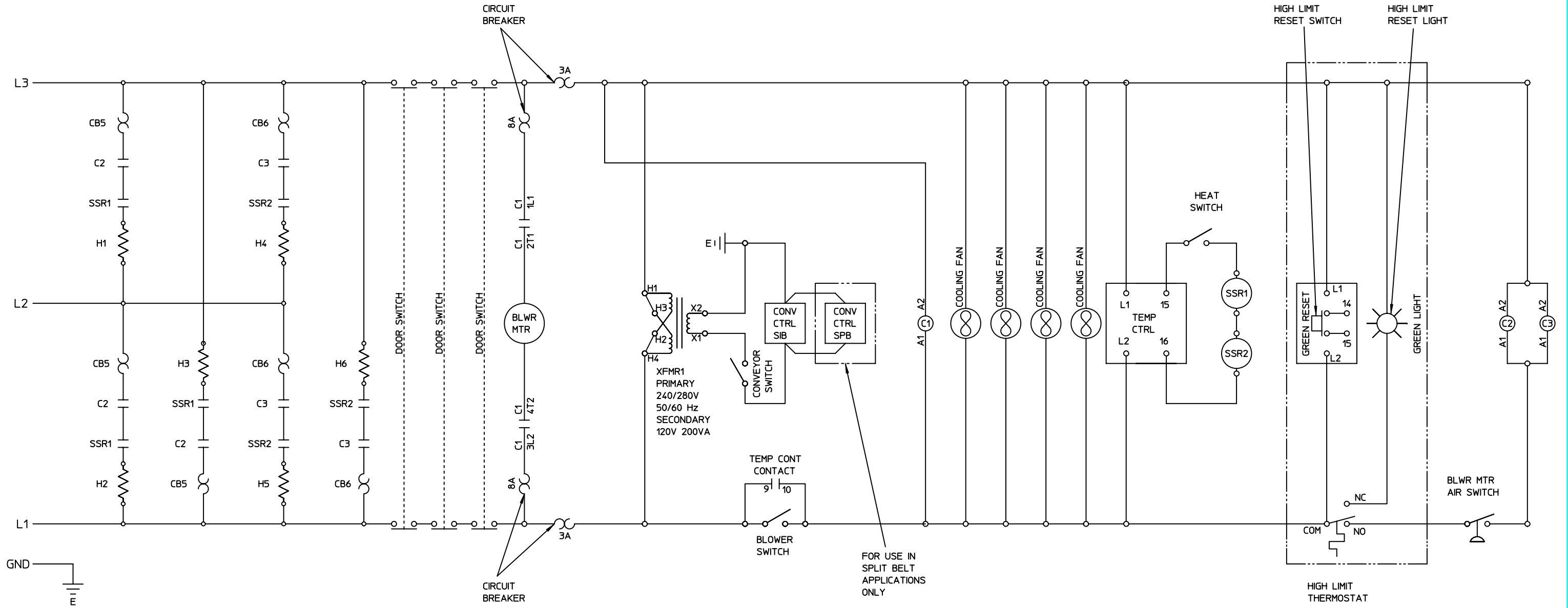
VALVE TERMINALS
VENTILANSCHÜSSE
RECORDS DE VANNE
TERMINALES DE VÁLVULA

NOTE: ALL WIRES ARE TO
BE #18 AWG UNLESS
OTHERWISE SPECIFIED.

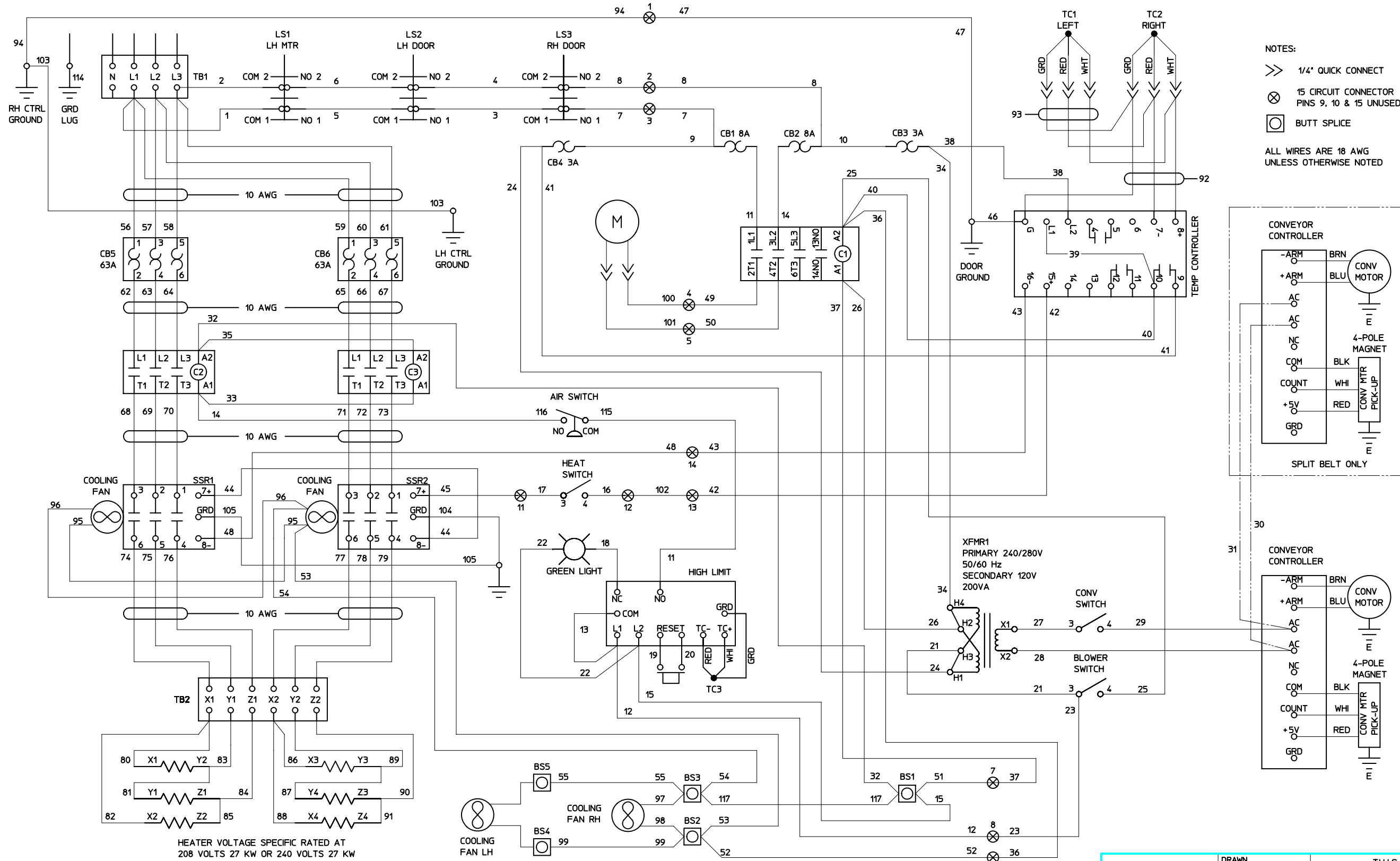
ENG/GM/FR/SP
NOTE: WD LABEL P/N 52387 (REMOTE)

TOLERANCE UNLESS SPECIFIED	DRAWN AB 08/08/2006	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF	
ANGLES * 1.0°	CHECKED WSS 08/10/2006	THE MIDDLEBY CORPORATION	
DEC .X * .030	APPROVED WSS 08/10/2006	1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300	
.XX * .015		WD, G208-240/50/601 GO 536GS	
.XXX * .005		ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING	PART NO 52386
			SHT 2 OF 2
			REV C

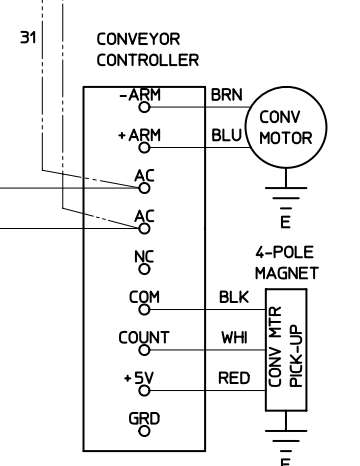
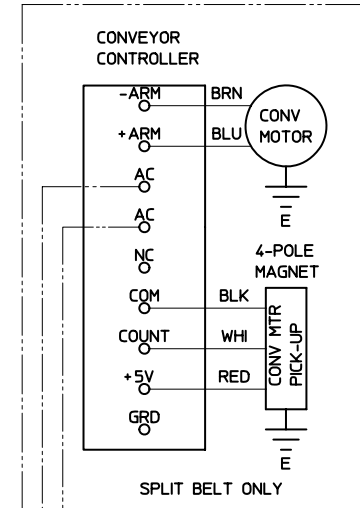
REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
A ₃	01/21/2003	002297	PROTOTYPE	FC		
B	10/31/2003	002297	RELEASED FOR PRODUCTION WAS A3	KMM	WSS	11/04/2003
C ₋	07/28/2006	006237	UPDATED DRAWING TO VENDORS SPECS	FC	WSS	08/03/2006



MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300	
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005		
DRAWN FC	CHECKED WSS	APPROVED WSS		
07/28/2006	08/03/2006	08/03/2006		
WD, E208-240 50/60 3PH 4W PS540				
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 50466	SHT 1 OF 2	REV C ₋



NOTES:
 >> 1/4" QUICK CONNECT
 ⊗ 15 CIRCUIT CONNECTOR PINS 9, 10 & 15 UNUSED
 ⊕ BUTT SPLICE
 ALL WIRES ARE 18 AWG UNLESS OTHERWISE NOTED



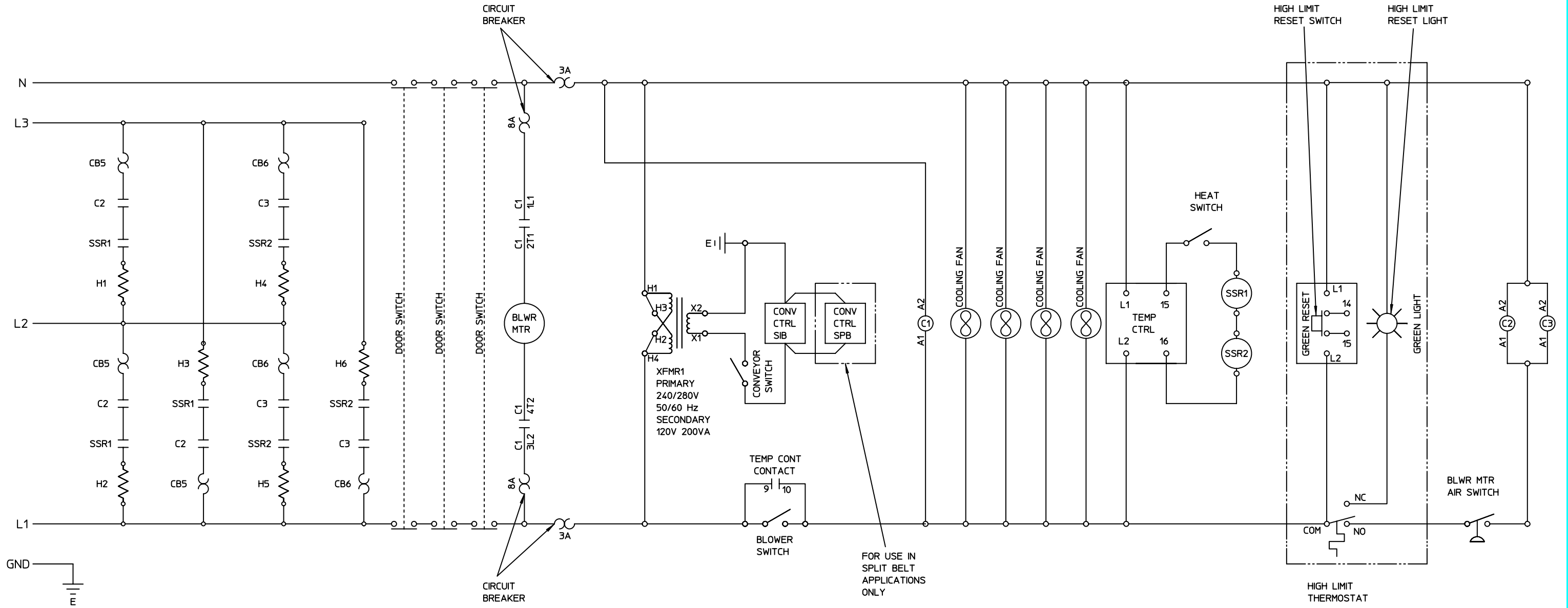
HEATER VOLTAGE SPECIFIC RATED AT 208 VOLTS 27 KW OR 240 VOLTS 27 KW

WD LABEL P/N 50811

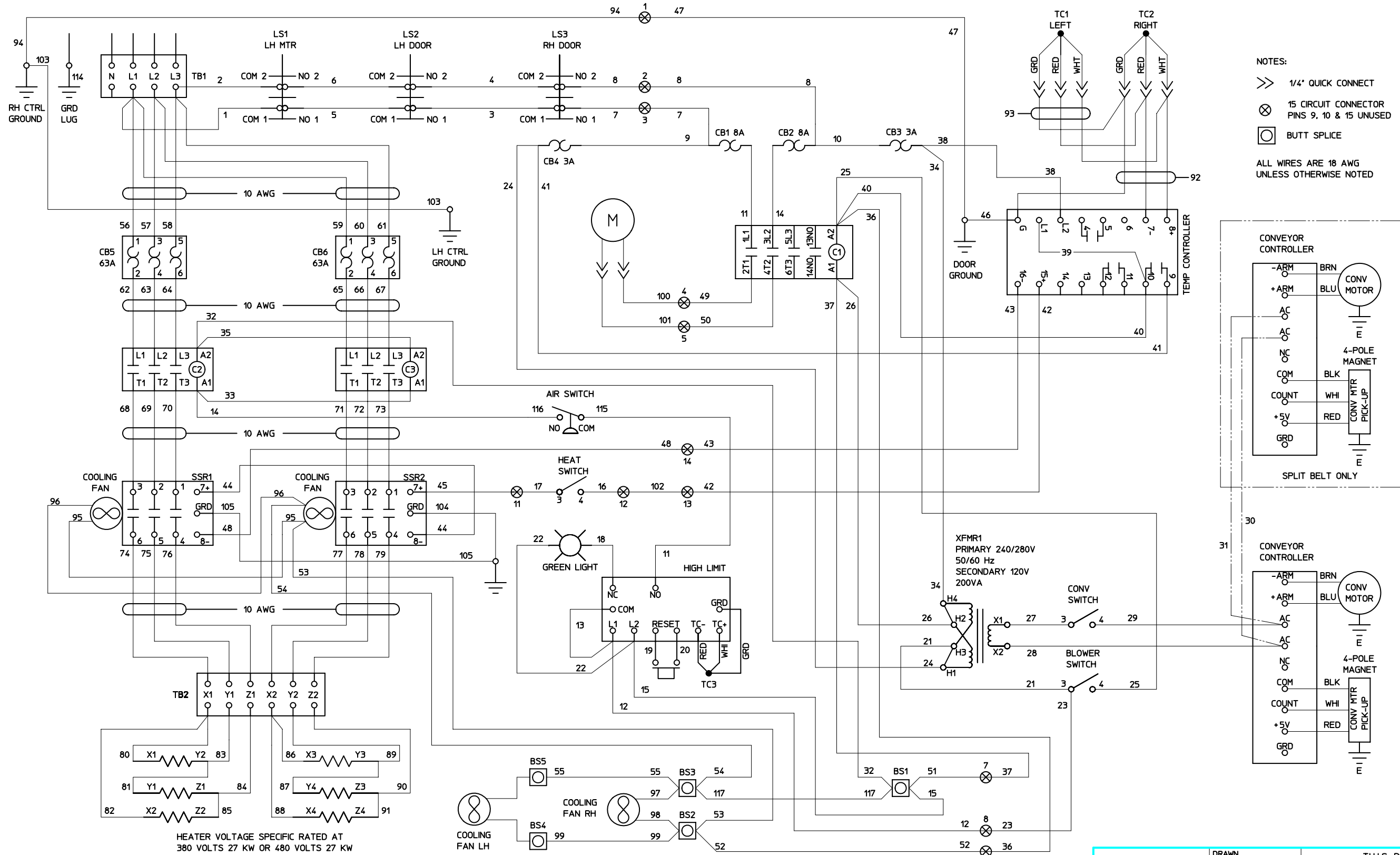
VOLTAGE	TOTAL WATTAGE (KW)	PHASE	AMPERES			
			X	Y	Z	N
208	27.0	3	78.9	74.9	78.9	-
240	27.0	3	68.4	64.9	68.4	-

TOLERANCE UNLESS SPECIFIED	DRAWN FC 07/27/2006	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF	
ANGLES * 1.0°	CHECKED WSS 08/03/2006	THE MIDDLEBY CORPORATION	
DEC .X * .030	APPROVED WSS 08/03/2006	1400 Toastmaster Drive	
.XX * .015		Elgin, Illinois 60120	
.XXX * .005		847-741-3300	
WD, E208-240 50/60 3PH 4W PS540			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 50466	SHT 2 OF 2 REV C

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
A ₃	01/21/2003	002297	PROTOTYPE	FC		
B	10/31/2003	002297	RELEASED FOR PRODUCTION WAS A3	KMM	WSS	11/04/2003
C ₋	07/28/2006	006237	UPDATED DRAWING TO VENDORS SPECS	FC	WSS	08/03/2006



MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005	
DRAWN FC	CHECKED WSS	APPROVED WSS	
07/28/2006	08/03/2006	08/03/2006	
WD, E380-480 50/60 3PH 5W PS540			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 50140	SHT 1 OF 2
		REV C₋	



NOTES:
 >> 1/4" QUICK CONNECT
 ⊗ 15 CIRCUIT CONNECTOR PINS 9, 10 & 15 UNUSED
 ⊕ BUTT SPLICE
 ALL WIRES ARE 18 AWG UNLESS OTHERWISE NOTED

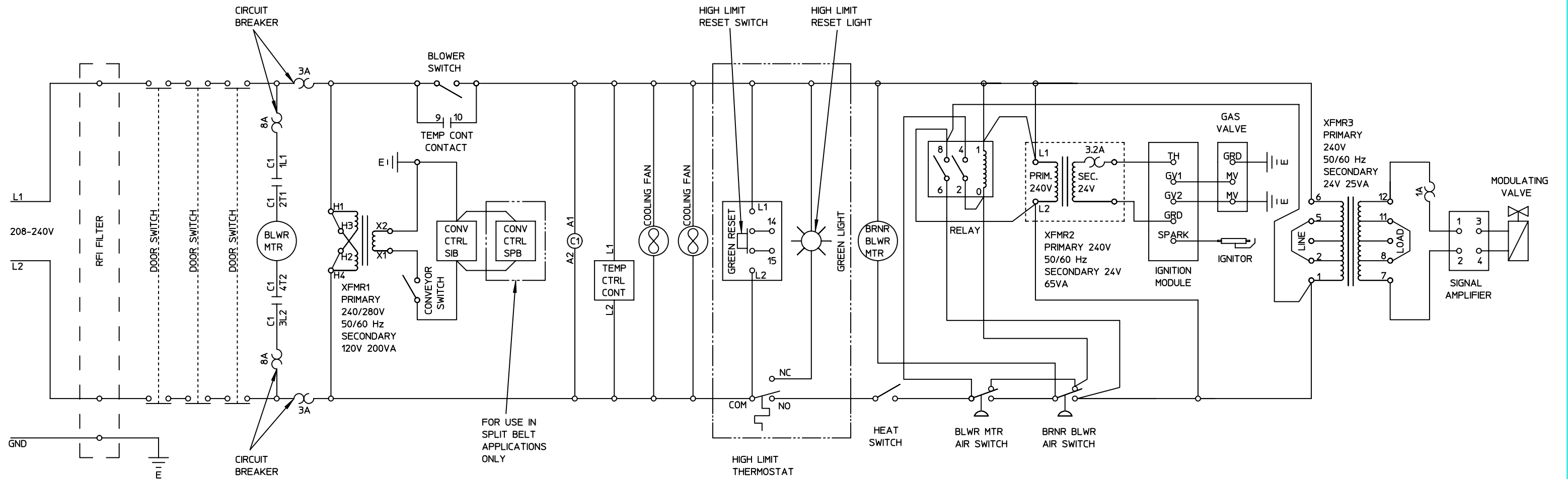
HEATER VOLTAGE SPECIFIC RATED AT 380 VOLTS 27 KW OR 480 VOLTS 27 KW

WD LABEL P/N 50813

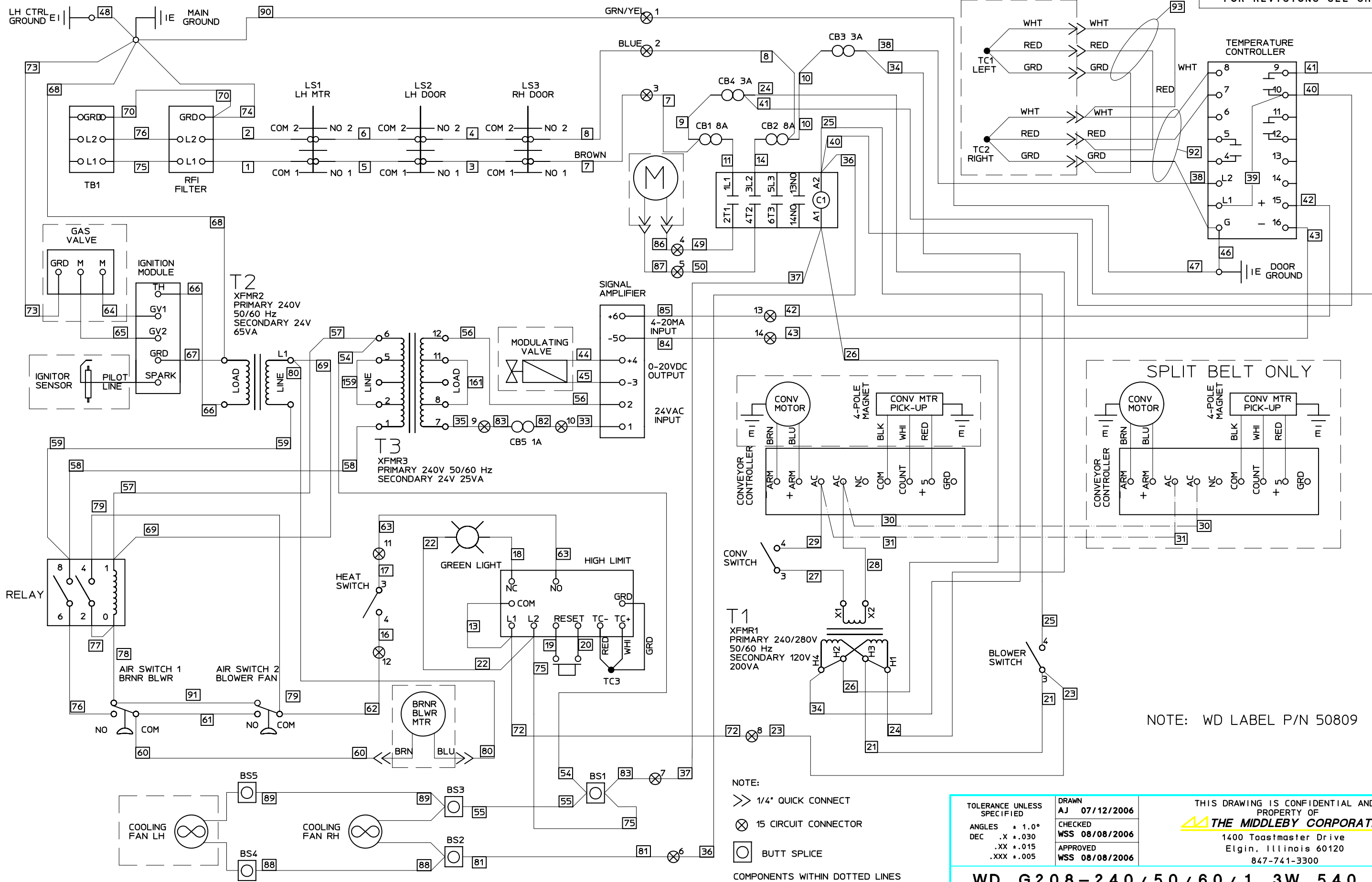
VOLTAGE	TOTAL WATTAGE (KW)	PHASE	AMPERES			
			X	Y	Z	N
380	27.0	3	44.5	41.0	41.0	3.5
480	27.0	3	36.0	32.5	32.5	3.5

TOLERANCE UNLESS SPECIFIED	DRAWN FC 07/28/2006	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
ANGLES * 1.0°	CHECKED WSS 08/03/2006	
DEC .X * .030	APPROVED WSS 08/03/2006	
.XX * .015		
.XXX * .005		
WD, E380-480 50/60 3PH 5W PS540		
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING	PART NO 50140	SHT 2 OF 2
		REV C

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
E	06/14/2005	005005A	UPDATES PER DRAWING 50809	AJ	WSS	06/14/2005
F	06/22/2005	005223	WIRES 81 & 82 WERE 76 & 75	FC	WSS	07/22/2005
G	07/12/2006	006221	UPDATED DRAWING PER AMETEK SPECS, UPDATED AMPLIFIER TEXT	AJ	WSS	08/08/2006



MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300	
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005		
DRAWN AJ	CHECKED WSS	APPROVED WSS		
	07/12/2006	08/08/2006	08/08/2006	
WD, G208-240/50/60/1 3W 540 ENG				
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 50141	SHT 1 OF 2	REV G_



NOTE: WD LABEL P/N 50809

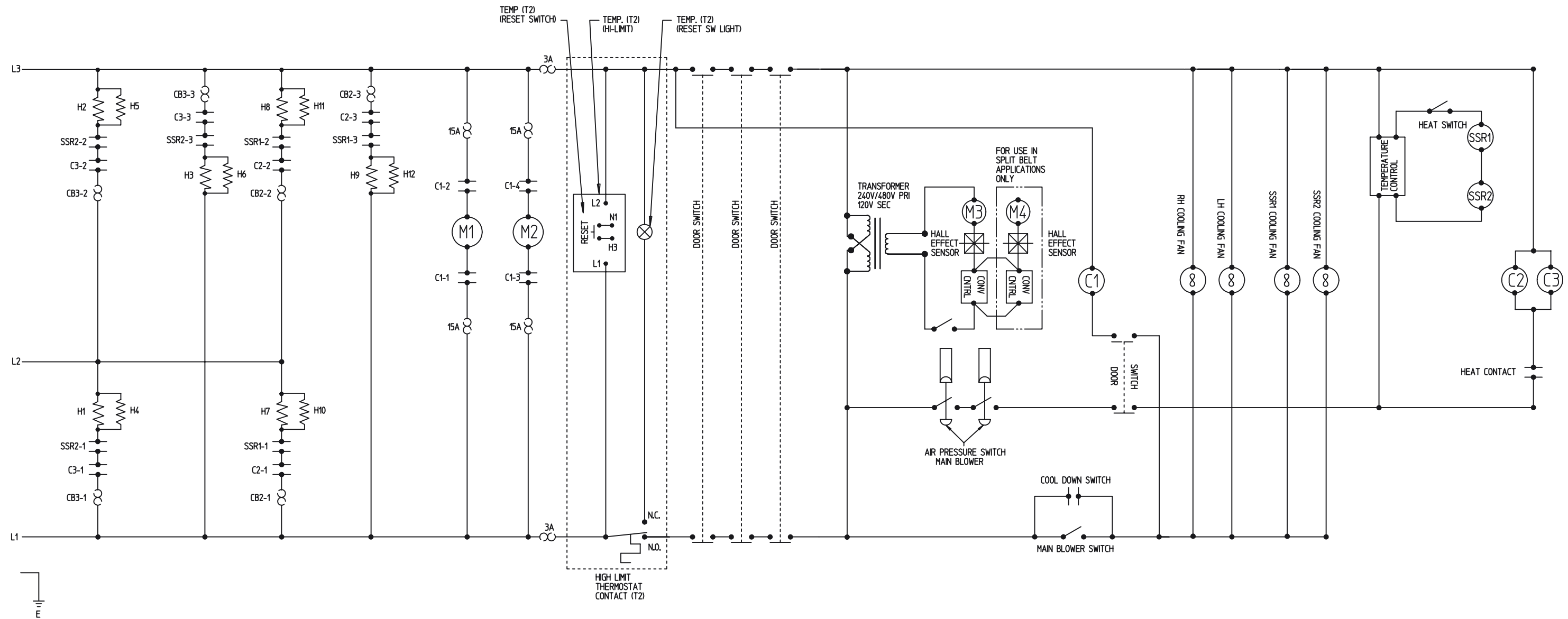
- NOTE:
- >> 1/4" QUICK CONNECT
 - ⊗ 15 CIRCUIT CONNECTOR
 - BUTT SPLICE

COMPONENTS WITHIN DOTTED LINES ARE NOT SUPPLIED BY NCC

TOLERANCE UNLESS SPECIFIED	DRAWN AJ 07/12/2006	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
ANGLES * 1.0°	CHECKED WSS 08/08/2006	
DEC .X * .030	APPROVED WSS 08/08/2006	
.XX * .015		
.XXX * .005		

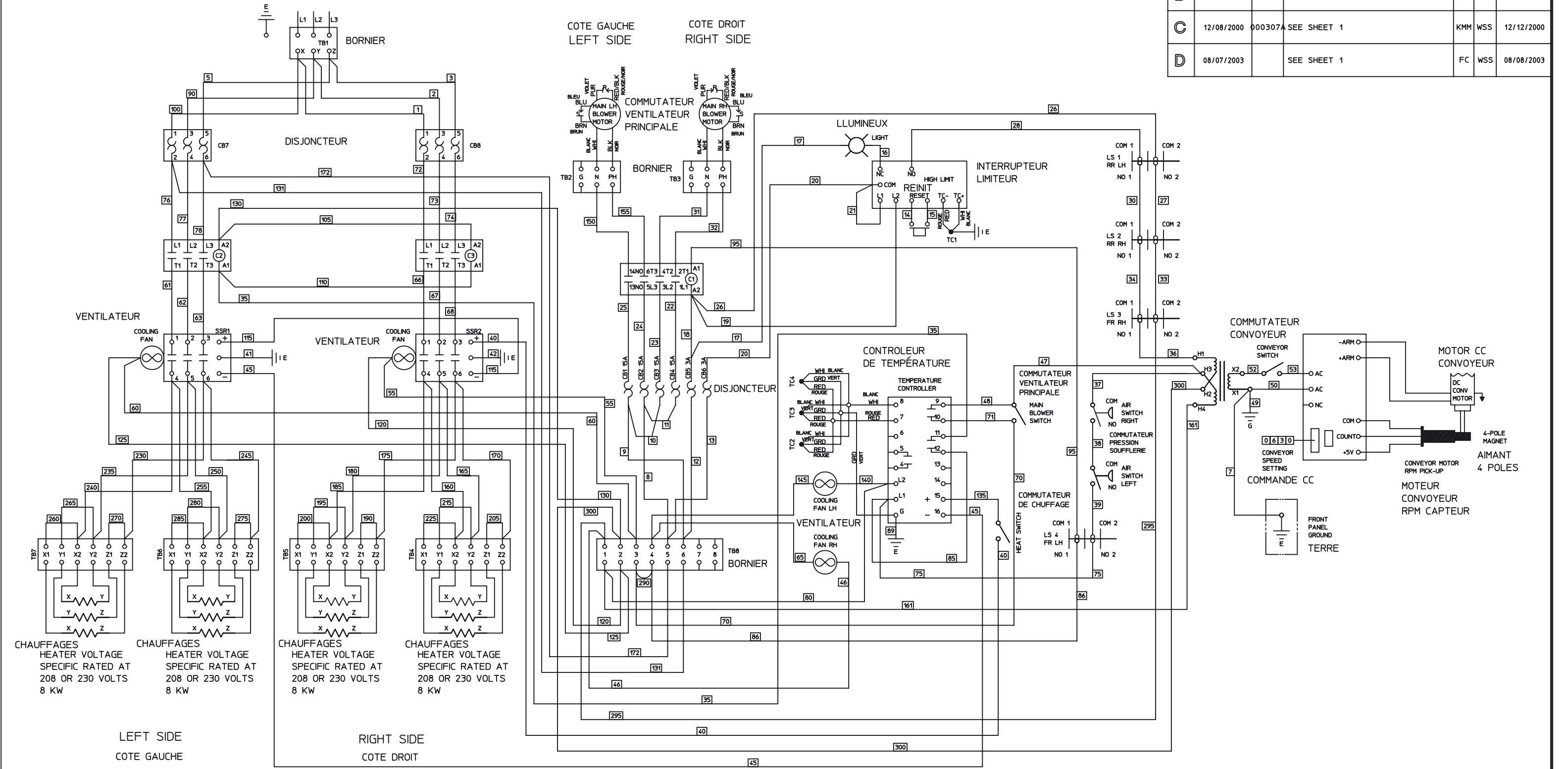
WD, G208-240/50/60/1 3W 540 ENG		
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING	PART NO 50141	SHT 2 OF 2
		REV G

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
B	11/07/2000	000307	RELEASED FOR PRODUCTION	FC	WSS	11/27/2000
C	12/08/2000	000307	ADDED FRENCH LANGUAGE TO SHEET 2	KMM	WSS	12/12/2000
D	08/07/2003	003312	REPOSITIONED SSR'S, HEAT SWITCH & AIR SWITCHES	FC	WSS	08/08/2003



MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300	
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005		
DRAWN KMM	CHECKED WSSS	APPROVED WSSS		
09/11/2000	08/08/2003	08/08/2003		
WD, E208-240/60/3 3WIRE PS555				
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 44553	SHT 1 OF 2	REV D

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
B	11/07/2000	000307	SEE SHEET 1	FC	WSS	11/27/2000
C	12/08/2000	000307A	SEE SHEET 1	KMM	WSS	12/12/2000
D	08/07/2003		SEE SHEET 1	FC	WSS	08/08/2003



CHAUFFAGES HEATER VOLTAGE SPECIFIC RATED AT 208 OR 230 VOLTS 8 KW

CHAUFFAGES HEATER VOLTAGE SPECIFIC RATED AT 208 OR 230 VOLTS 8 KW

CHAUFFAGES HEATER VOLTAGE SPECIFIC RATED AT 208 OR 230 VOLTS 8 KW

CHAUFFAGES HEATER VOLTAGE SPECIFIC RATED AT 208 OR 230 VOLTS 8 KW

LEFT SIDE COTE GAUCHE

RIGHT SIDE COTE DROIT

VOLTAGE	TOTAL WATTAGE (KW)	PHASE	AMPÈRES		
			X	Y	Z
208	34.04	3	97.4	88.8	97.4
240	37.04	3	93.0	83.8	93.0

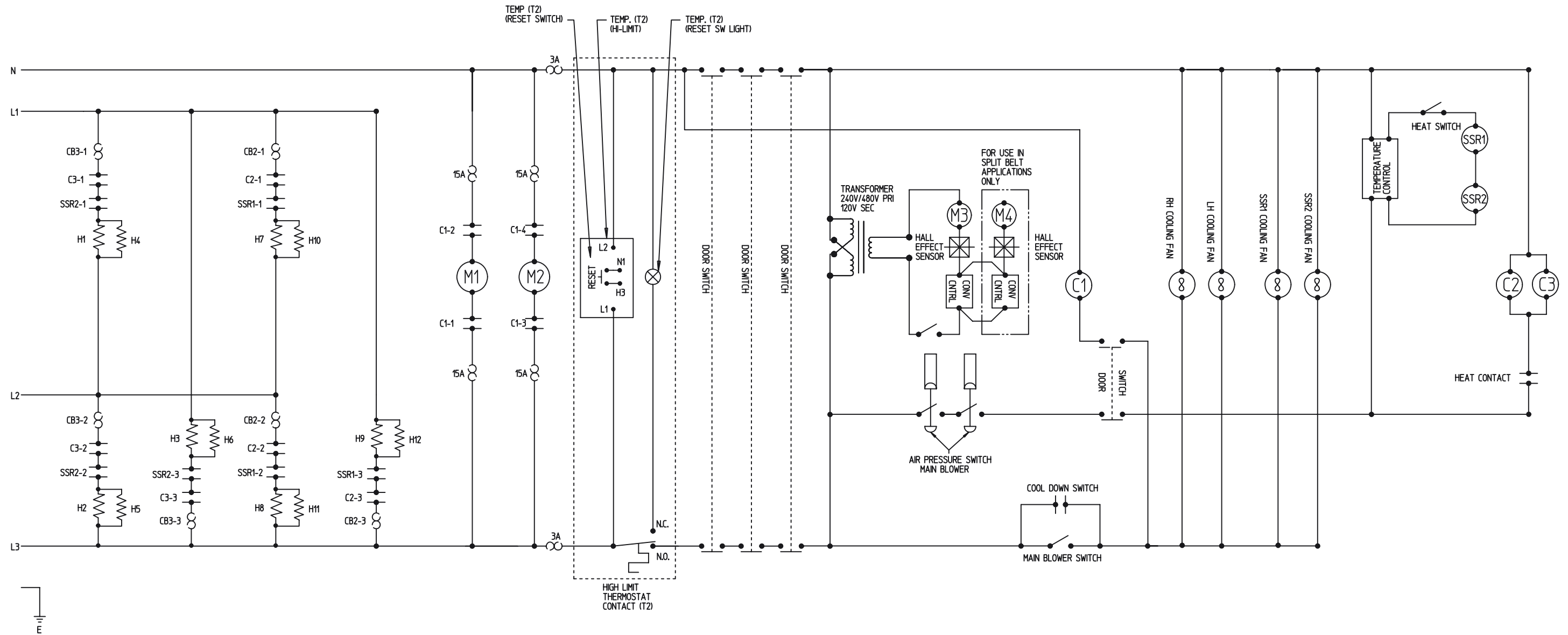
MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES * 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005	
DRAWN KMM	09/11/2000	CHECKED WSS	08/08/2003
		APPROVED WSS	08/08/2003

WD, E 208-240/60/3 3WIRE PS555

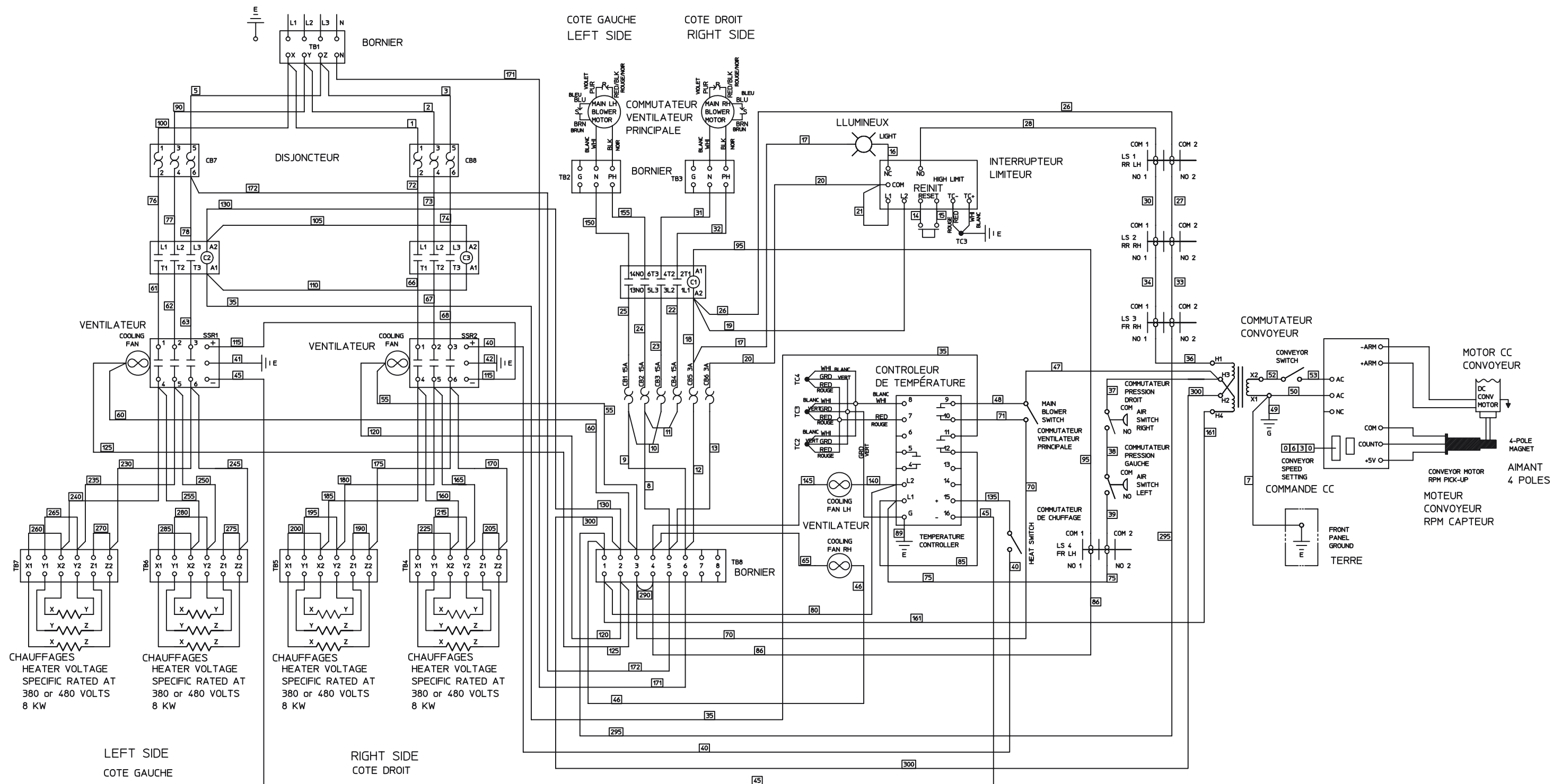
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING

PART NO **44553** SHT **2** OF **2** REV **D**

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
C	12/08/2000	00307	ADDED FRENCH LANGUAGE TO SHEET 2	KMM	WSS	12/12/2000
D	08/07/2003	003312	REPOSITIONED SSR'S, HEAT SWITCH & AIR SWITCHES	FC	WSS	08/08/2003
E	09/22/2004	004323	NO CHG REV'D TO MATCH LABEL	ATH	WSS	09/23/2004



MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300	
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005		
DRAWN FC	CHECKED WSSS	APPROVED WSSS		
10/30/2000	09/23/2004	09/23/2004		
WD, E380-480/60/3 4WIRE PS555				
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 44961	SHT 1 OF 2	REV E



CHAUFFAGES
HEATER VOLTAGE
SPECIFIC RATED AT
380 or 480 VOLTS
8 KW

CHAUFFAGES
HEATER VOLTAGE
SPECIFIC RATED AT
380 or 480 VOLTS
8 KW

CHAUFFAGES
HEATER VOLTAGE
SPECIFIC RATED AT
380 or 480 VOLTS
8 KW

CHAUFFAGES
HEATER VOLTAGE
SPECIFIC RATED AT
380 or 480 VOLTS
8 KW

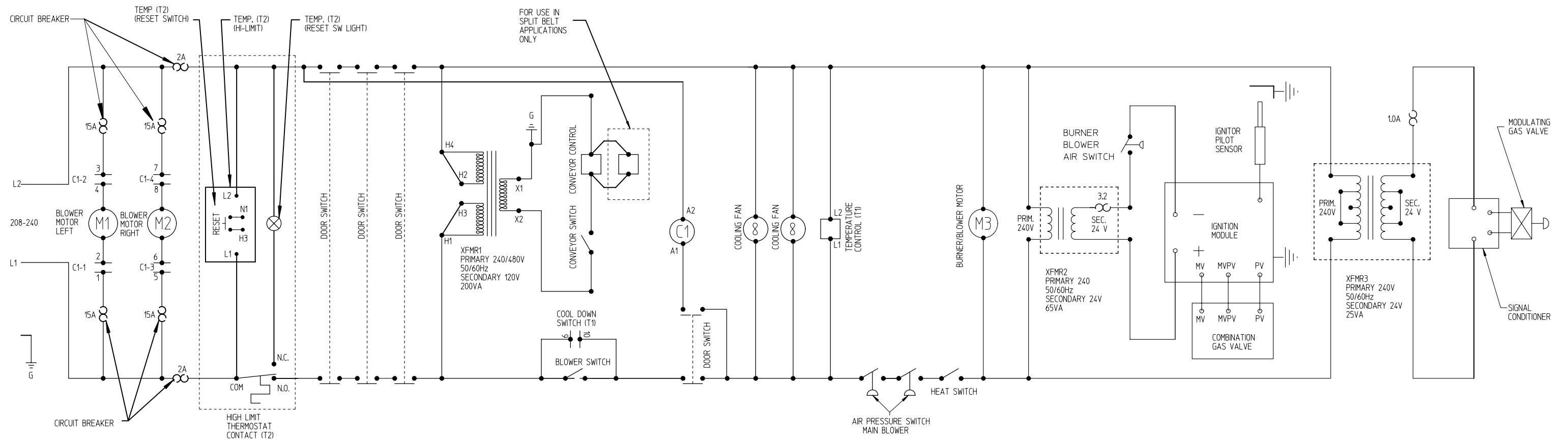
LEFT SIDE
COTE GAUCHE

RIGHT SIDE
COTE DROIT

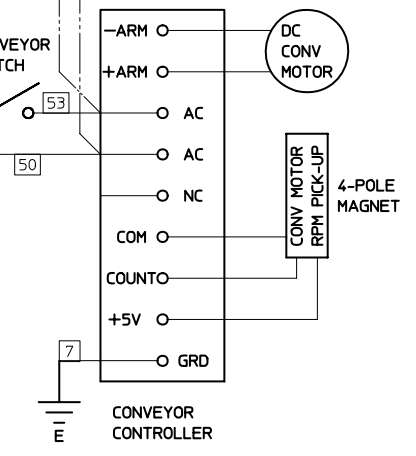
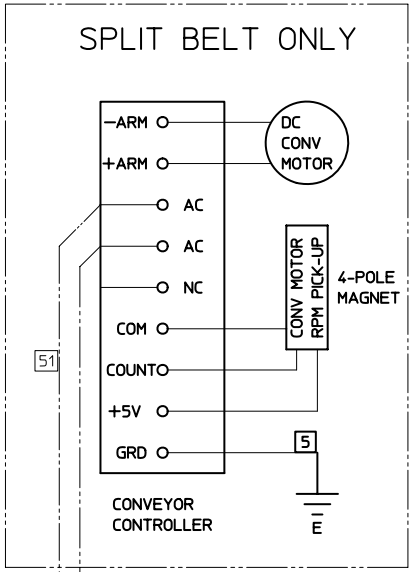
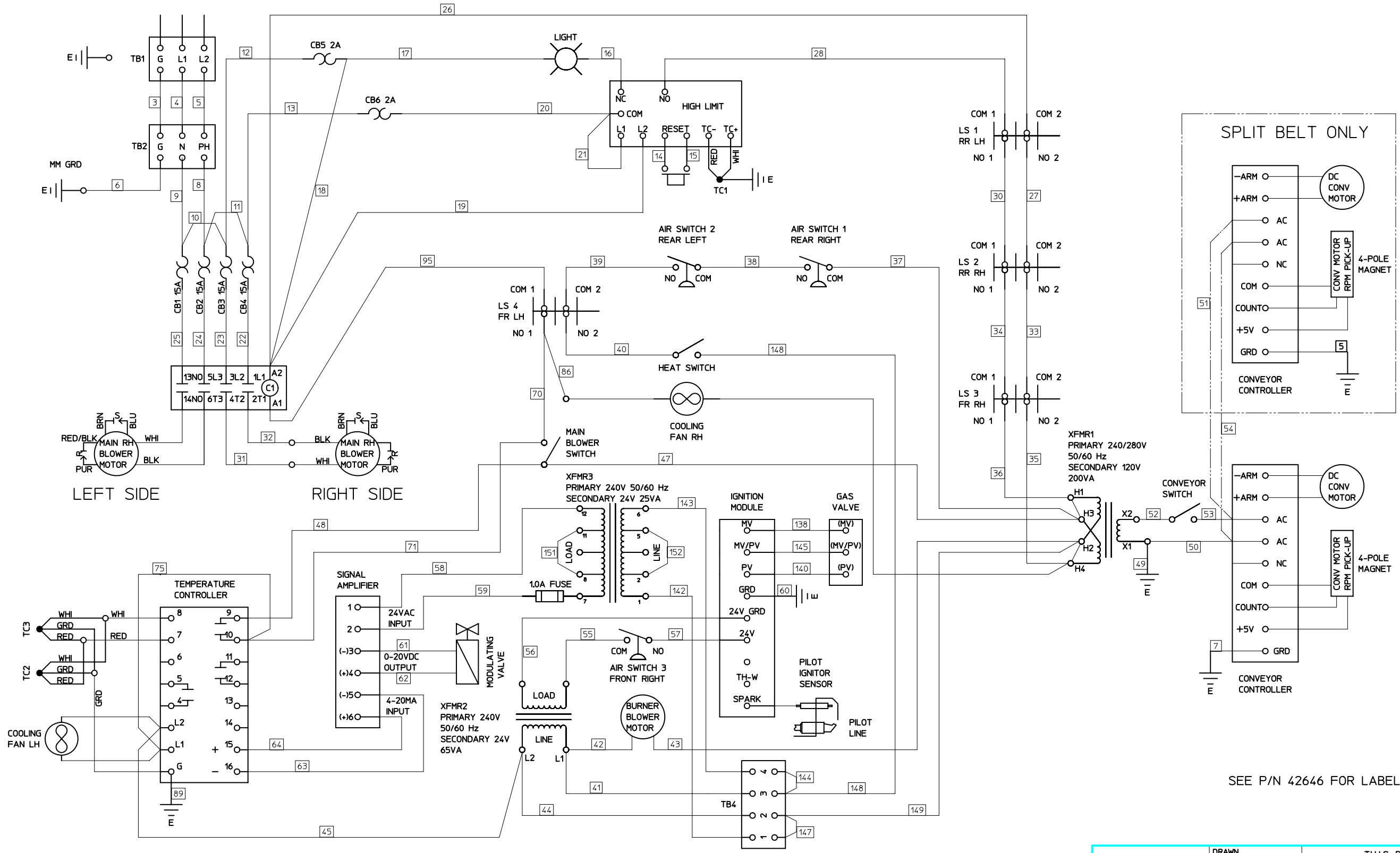
VOLTAGE	TOTAL WATTAGE (KW)	PHASE	AMPÈRES			
			X	Y	Z	N
380	34.2	3	48.6	48.6	57.8	9.2
480	34.2	3	38.5	38.5	47.7	9.2

TOLERANCE UNLESS SPECIFIED	DRAWN FC 10/30/2000	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
ANGLES * 1.0°	CHECKED WSS 09/23/2004	
DEC .X * .030	APPROVED WSS 09/23/2004	
.XX * .015		
.XXX * .005		
WD, E 380-480/60/3 4WIRE PS555		
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING	PART NO 44961	SHT 2 OF 2

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
C	03/15/2001	001171	ADD 3RD TRANSFORMER AND TERM BLOCK	FC	WSS	03/22/2001
D	04/24/2001	001248	1.0A FUSE WAS 0.50A FUSE	FC	WSS	05/07/2001
E	10/02/2006	006307	REVERSED INPUT & OUTPUT	AJ	WSS	10/06/2006



MATERIAL		GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH			ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005	
DRAWN	CHECKED	APPROVED		
AJ	10/02/2006	WSS	10/06/2006	
SCHEM, G208-240/60/1 PS570/555				
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING			PART NO	SHT
			42505	1 OF 2
				REV
				E

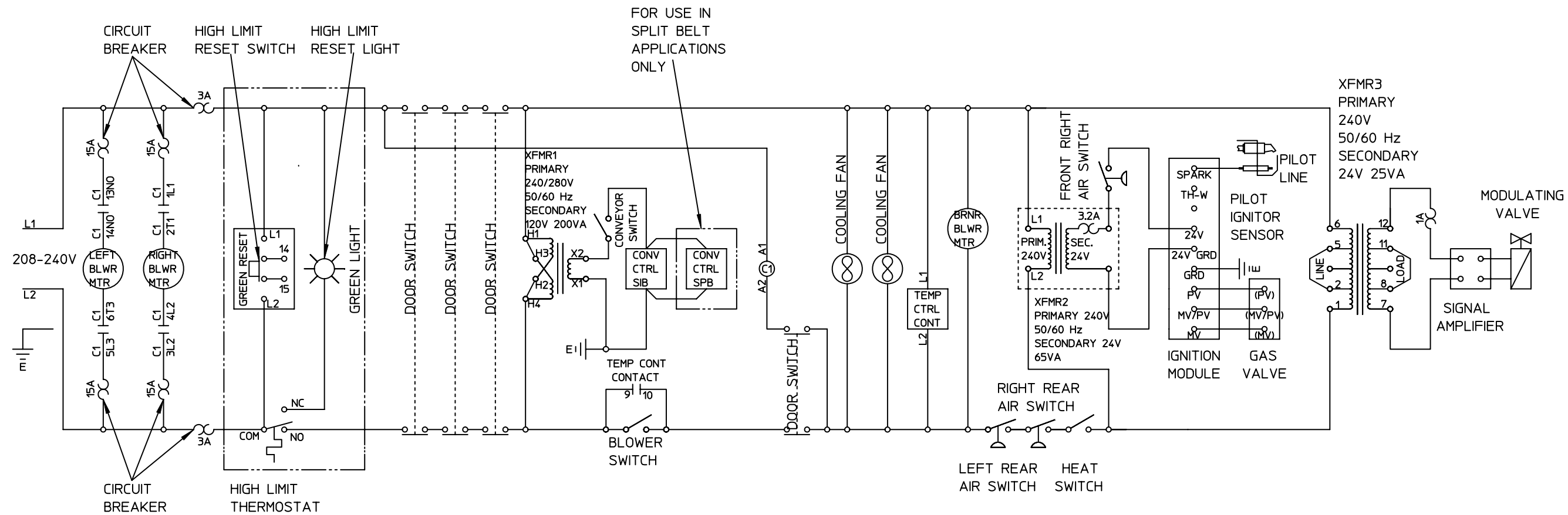


SEE P/N 42646 FOR LABEL

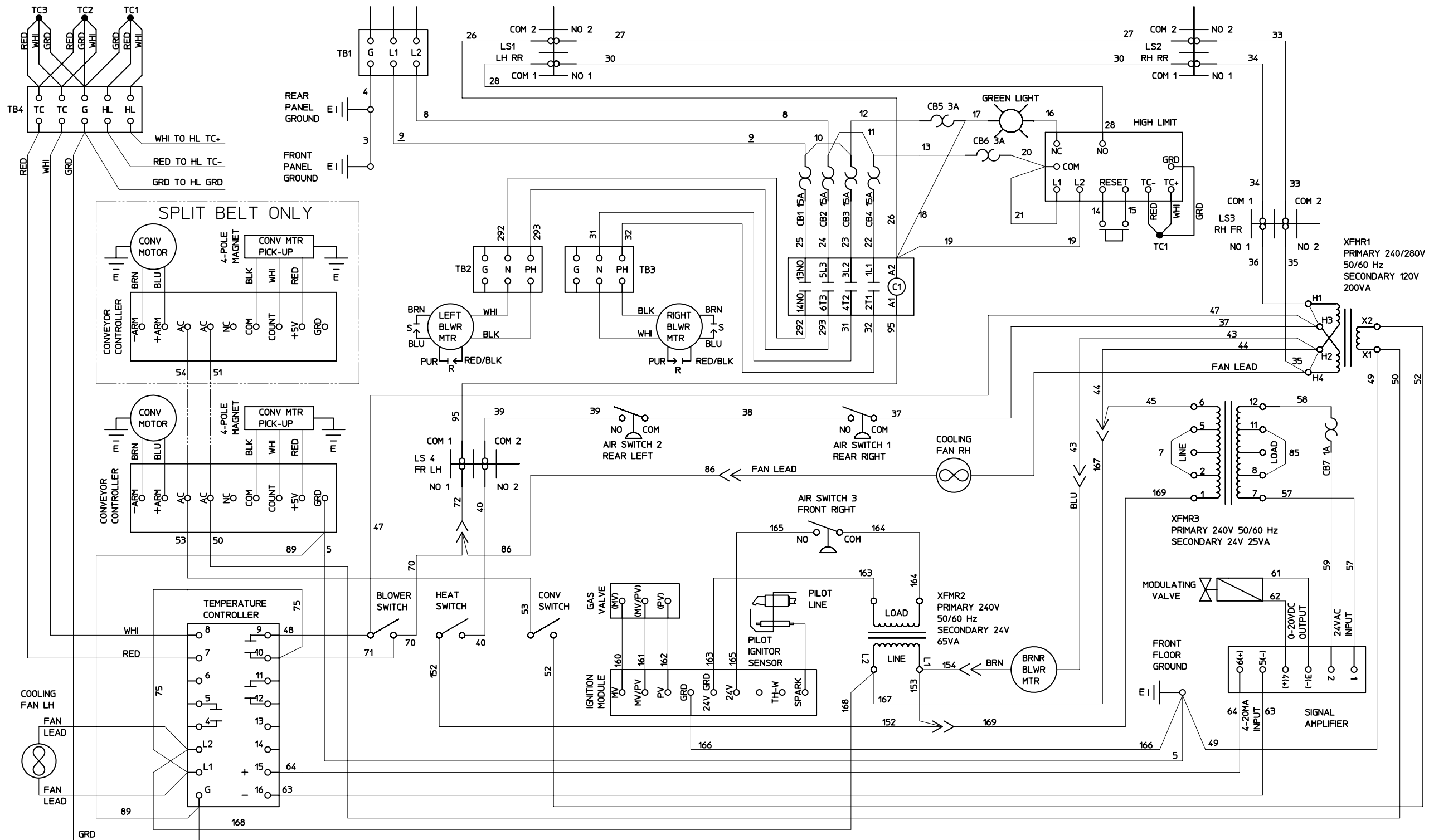
TOLERANCE UNLESS SPECIFIED ANGLES * 1.0° DEC .X * .030 .XX * .015 .XXX * .005	DRAWN AJ 10/02/2006	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
	CHECKED WSS 10/06/2006	
	APPROVED WSS 10/06/2006	
	PART NO 42505	

WD, G208-240/60/1 PS555		SHT	REV
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		2 OF 2	E

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
C	12/06/2001	001661	REM WIRESET NOTES. CHG DESCRIPTION	FC	WSS	12/14/2001
D	03/24/2004	004117	REVERSED GROUND & CONVEYOR SWITCH	KMM	WSS	03/26/2004
E	07/11/2006	006219	REVERSED INPUT & OUTPUT	AJ	WSS	08/10/2006



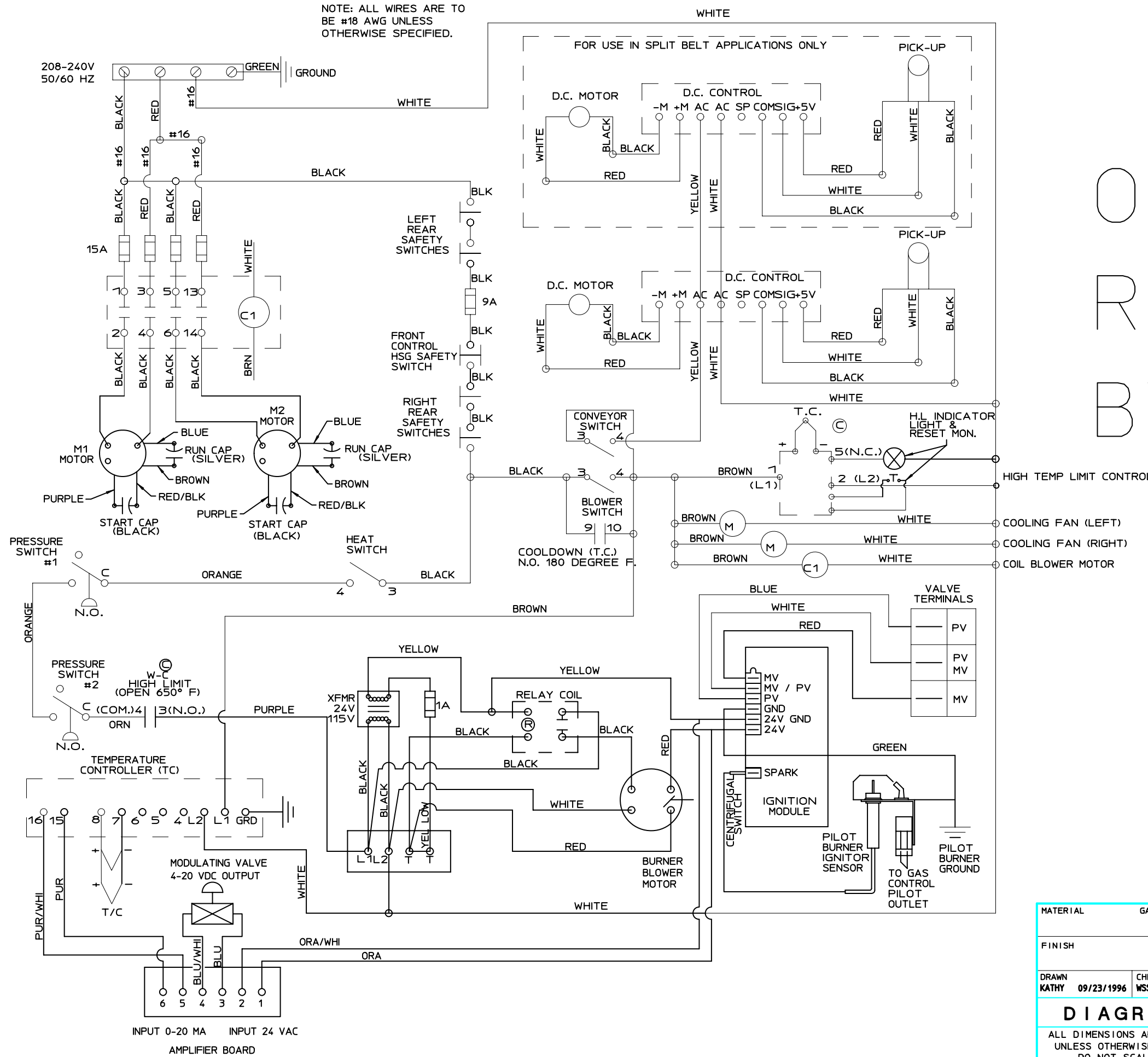
MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005	
DRAWN AJ	CHECKED WSS	APPROVED WSS	
07/11/2006		08/10/2006	08/10/2006
WD, G208-240/50/60/1 PS570/555G			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 45520	SHT 1 OF 2 REV E



SEE LABEL P/N 45521

TOLERANCE UNLESS SPECIFIED ANGLES * 1.0° DEC .X * .030 .XX * .015 .XXX * .005	DRAWN AJ 07/11/2006	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
	CHECKED WSS 08/10/2006	
	APPROVED WSS 08/10/2006	
	PART NO 45520	
WD, G208-240/50/60/1 PS570/555G		SHT 2 OF 2
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		REV E

NOTE: ALL WIRES ARE TO BE #18 AWG UNLESS OTHERWISE SPECIFIED.

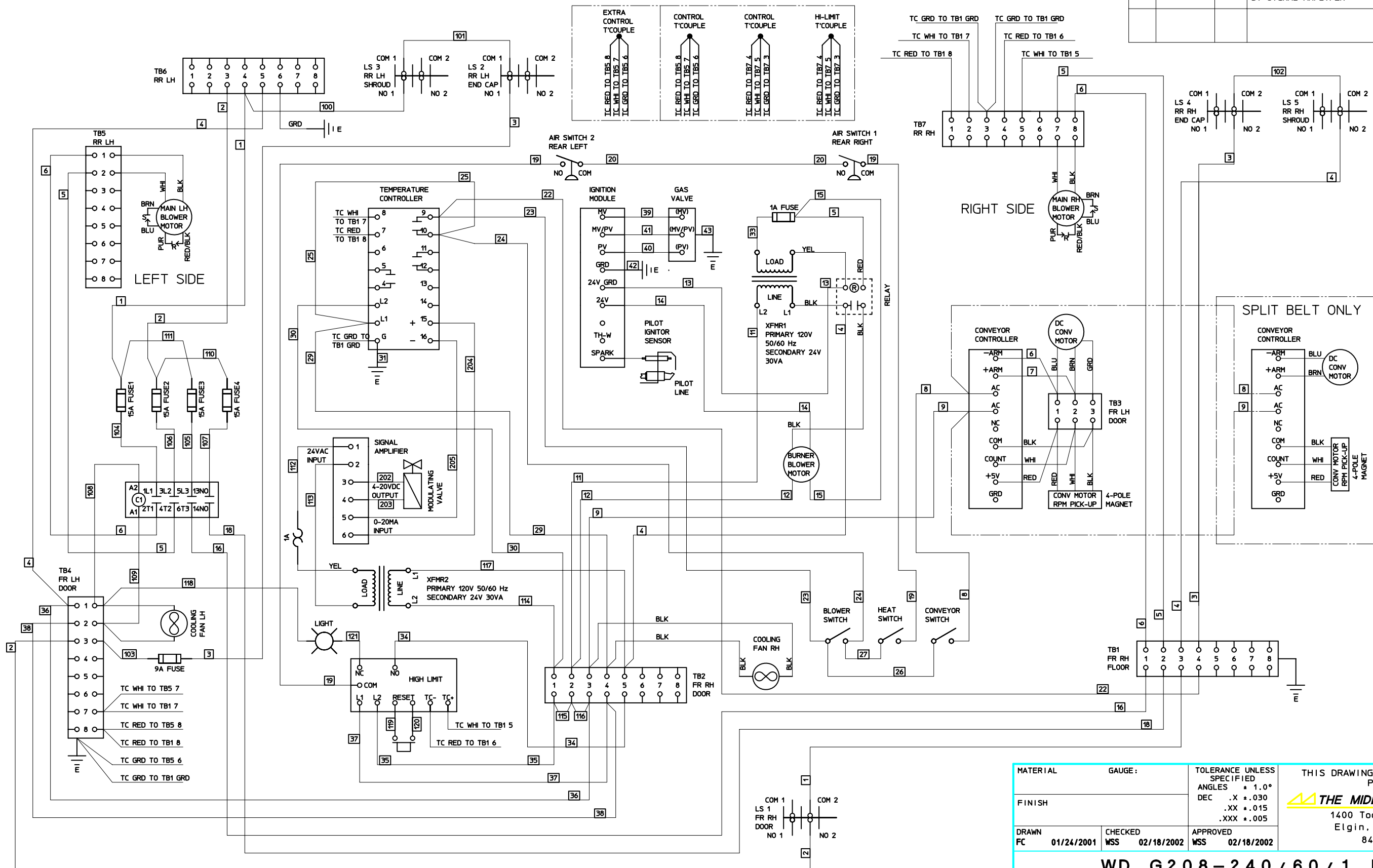


REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
D	02/15/2000	000137	REPLACED SOL VALVE WITH MOD VALVE M420, ADDED AMPLIFIER BOARD	FJC	AJ	03/16/2000
E	02/05/2001	001068	OBSOLETE REPLACED BY 45289	FC	WSS	02/08/2001

OBSOLETE
REPLACED
BY 45289

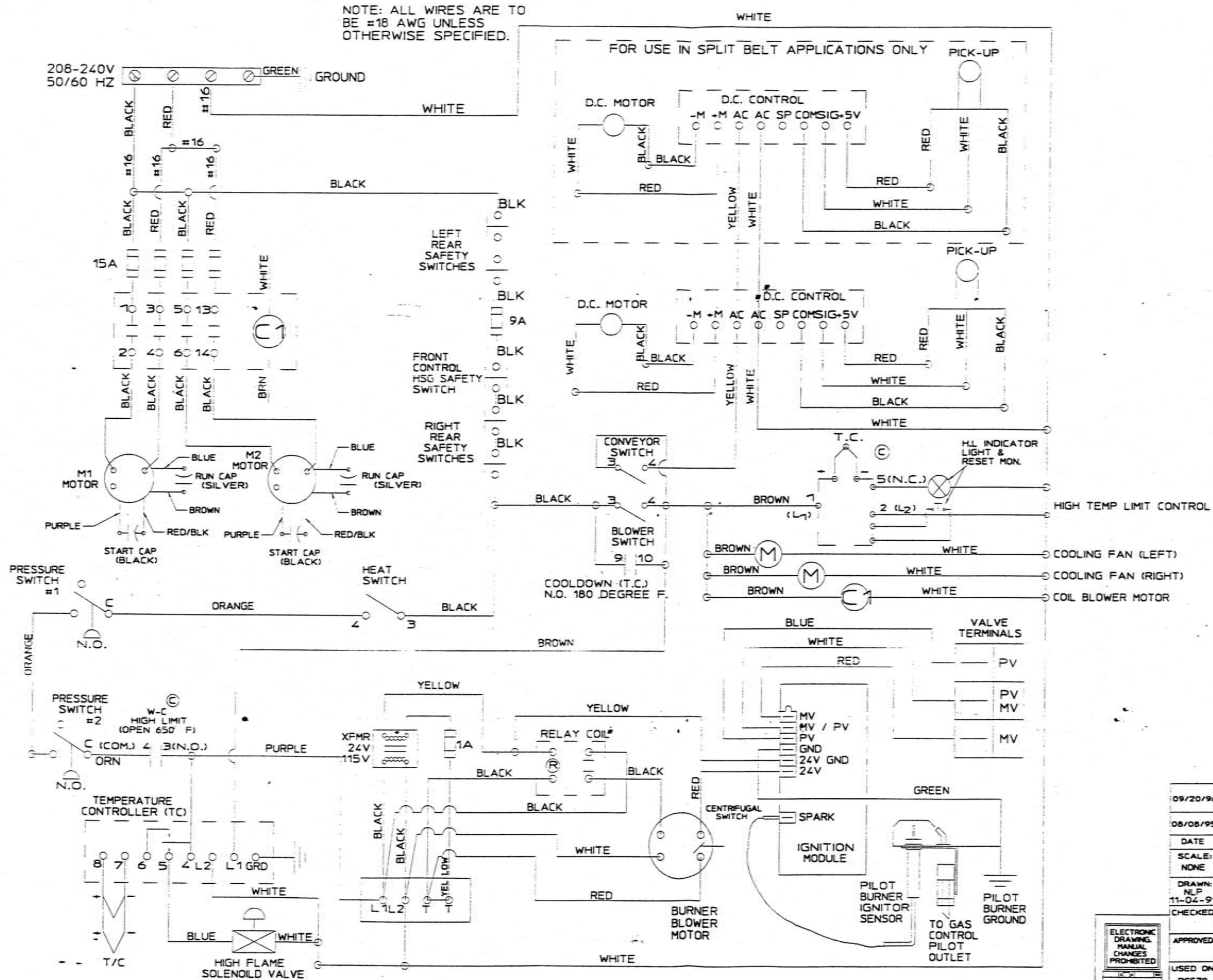
MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300	
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005		
DRAWN KATHY 09/23/1996	CHECKED WSS 02/08/2001	APPROVED WSS 02/08/2001		
DIAGRAM, WIRING 570 208 / 240V 3W				
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 30015	SHT 1 OF 1	REV E

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
B	02/05/2001	001068	RELEASED FOR PRODUCTION	FC	WSS	02/08/2001
C	02/15/2002	002074	1A CIRCUIT BREAKER WAS 1A FUSE BY SIGNAL AMPLIFIER	KMM	WSS	02/18/2002



MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES ± 1.0° DEC .X ± .030 .XX ± .015 .XXX ± .005	
DRAWN FC	CHECKED WSS	APPROVED WSS	
01/24/2001		02/18/2002	02/18/2002
WD, G208-240/60/1 PS570			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 45289	SHT 1 OF 1
			REV C

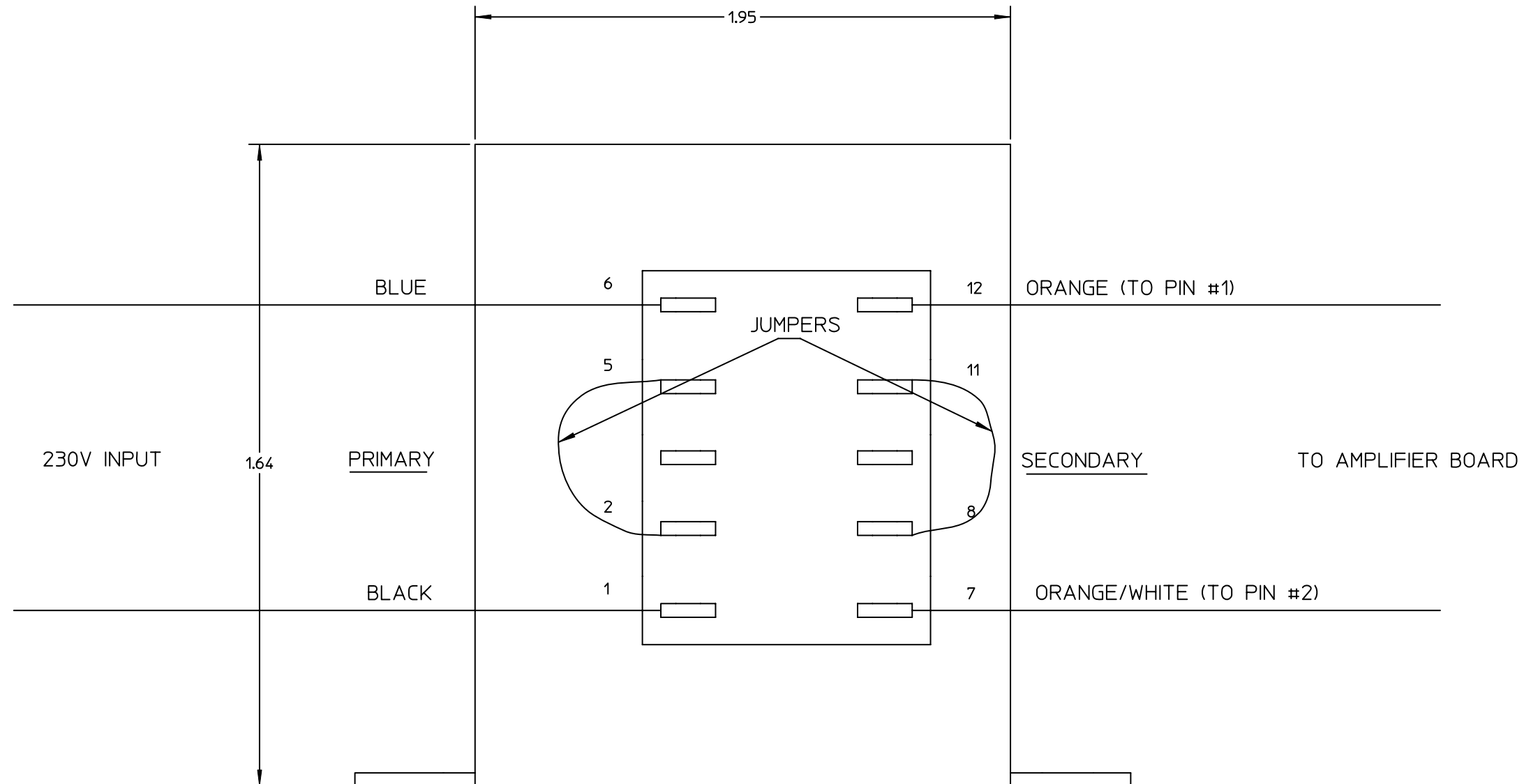
NOTE: ALL WIRES ARE TO BE #18 AWG UNLESS OTHERWISE SPECIFIED.



09/20/96	C	REPLACED UE HIGH LIMIT WITH WATLOW HIGH LIMIT & ADDED LIGHTED MOMENTARY SWITCH. ECN 96473	KM
08/08/95	B	RELEASE FOR PRODUCTION ECN 95237	BG
DATE	REV	DESCRIPTION	BY
SCALE: NONE			
DRAWN: NLP			
11-04-91			
CHECKED:			
APPROVED:			
USED ON: PS570			
DESCRIPTION: WD.GAS_208-240V 50/60HZ_1PH_3W_			
File Name: 30015	REL. ECN: 95237	SHEET: 1 OF 1	REV: C
Plot Scale: 7/16 (438)	TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGLES ±.5 DEG. DECIMALS .X ±.030		XX ±.015 XXX ±.005

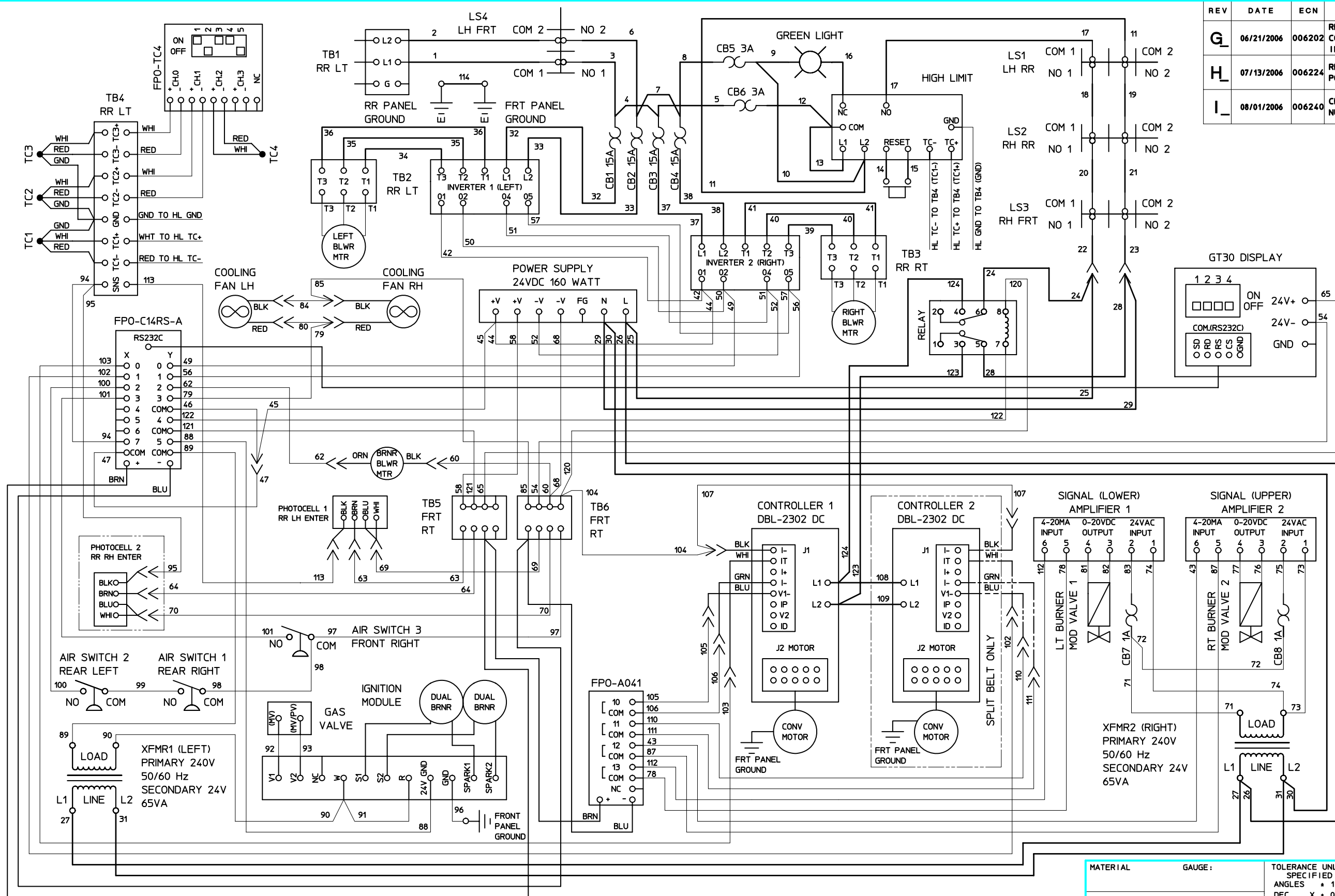
PART NO. 30015

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
B	07/01/2003	003269	RELEASED FOR PRODUCTION	ATH	WSS	07/01/2003
C ₋	10/02/2006	006307	REVERSED INPUT & OUTPUT	AJ	WSS	10/06/2006



MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES * 1.0° DEC .X ±.030 .XX ±.015 .XXX ±.005	
DRAWN AJ	CHECKED WSS	APPROVED WSS	
10/02/2006		10/06/2006	10/06/2006
INSTR, INSTALL TRANSFORMER			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 5 1 1 4 2	SHT 1 OF 2
		REV C₋	

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
G	06/21/2006	006202	REVERSED COLORS ON TC1 & CORRECTED SIGNAL AMPLIFIER INPUT & OUTPUT	KMM	WSS	06/21/2006
H	07/13/2006	006224	REVERSED POSITIONS (L & N) ON POWER SUPPLY	FC	WSS	07/17/2006
I	08/01/2006	006240	CHG'D CONNECTOR POSITION NUMBERS	AB	WSS	08/01/2006



WD LABEL P/N 58813

MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED
FINISH		ANGLES * 1.0°
		DEC .X ±.030
		.XX ±.015
		.XXX ±.005
DRAWN AB	CHECKED WSS	APPROVED WSS
08/01/2006	08/01/2006	08/01/2006

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 1400 Toastmaster Drive
 Elgin, Illinois 60120
 847-741-3300

WD, G208-240/50/60/1 PS870/770

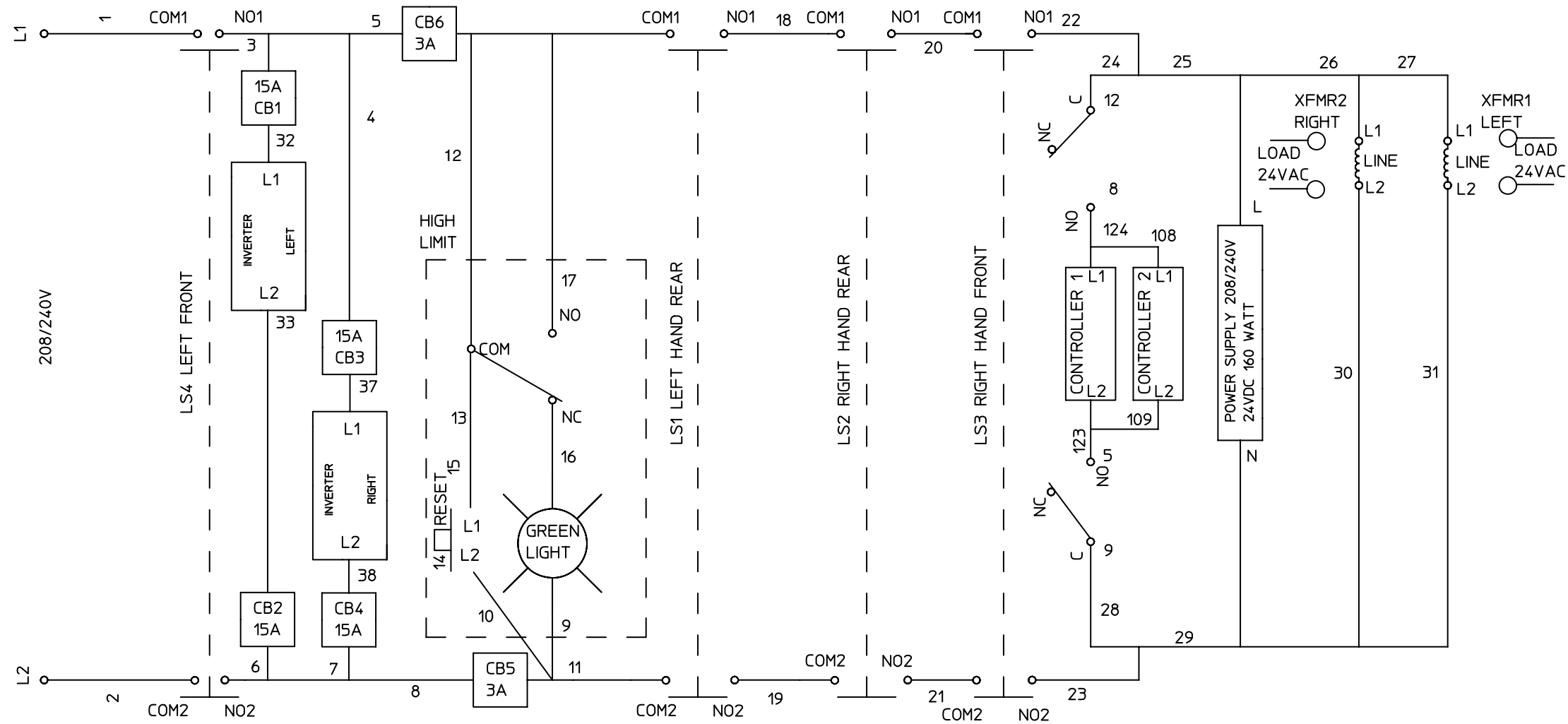
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING

PART NO **54745**

SHT 1 OF 1

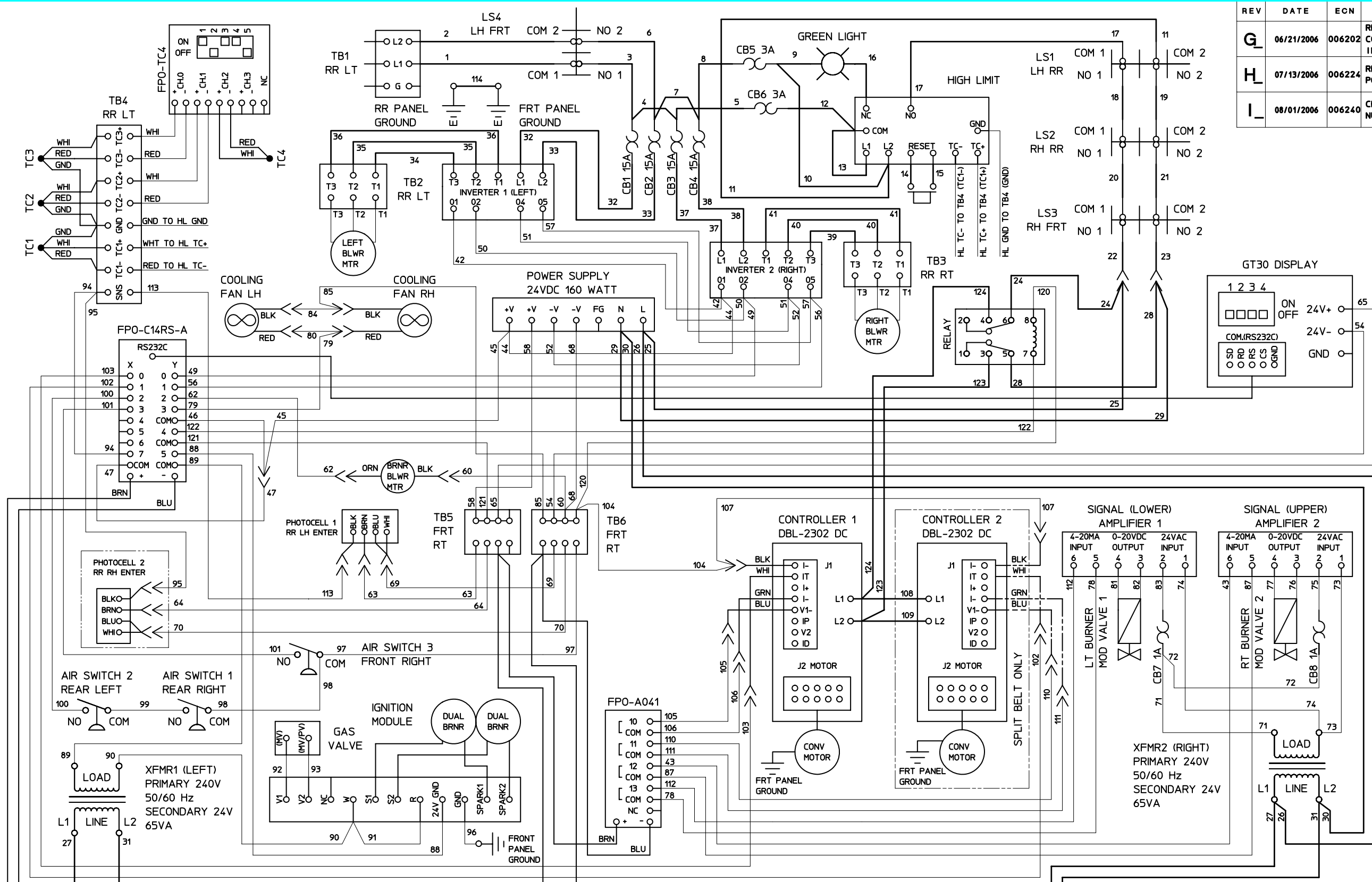
REV I

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
B_	06/27/2006	006206	RELEASED TO PRODUCTION	AB	WSS	06/28/2006



MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES * 1.0° DEC .X * .030 .XX * .015 .XXX * .005	
DRAWN AB	CHECKED WSS	APPROVED WSS	
06/26/2006		06/28/2006	06/28/2006
WD, LADDER 208/240V PS770G			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 59240	SHT 1 OF 2 REV B_

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
G	06/21/2006	006202	REVERSED COLORS ON TC1 & CORRECTED SIGNAL AMPLIFIER INPUT & OUTPUT	KMM	WSS	06/21/2006
H	07/13/2006	006224	REVERSED POSITIONS (L & N) ON POWER SUPPLY	FC	WSS	07/17/2006
I	08/01/2006	006240	CHG'D CONNECTOR POSITION NUMBERS	AB	WSS	08/01/2006

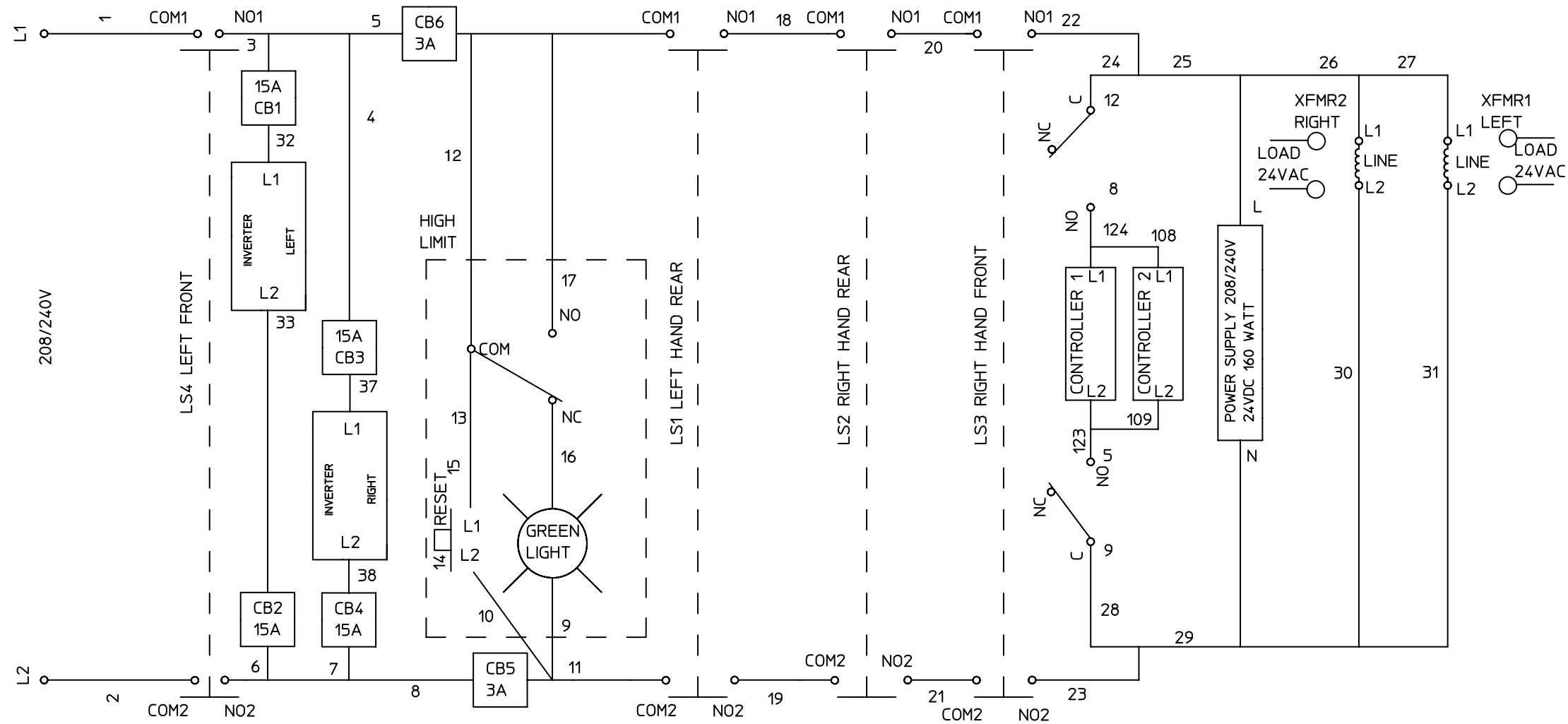


WD LABEL P/N 58813

MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300
FINISH		ANGLES * 1.0° DEC .X ±.030 .XX ±.015 .XXX ±.005	
DRAWN AB	CHECKED WSS	APPROVED WSS	
08/01/2006	08/01/2006	08/01/2006	

WD, G208-240/50/60/1 PS870/770
 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING
 PART NO 54745
 SHT 1 OF 1
 REV I

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
B_	06/27/2006	006206	RELEASED TO PRODUCTION	AB	WSS	06/28/2006



MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toastmaster Drive Elgin, Illinois 60120 847-741-3300	
FINISH		ANGLES * 1.0° DEC .X * .030 .XX * .015 .XXX * .005		
DRAWN AB	CHECKED WSS	APPROVED WSS		
06/26/2006	06/28/2006	06/28/2006		
WD, LADDER 208/240V PS770G				
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING		PART NO 59240	SHT 1 OF 2	REV B_