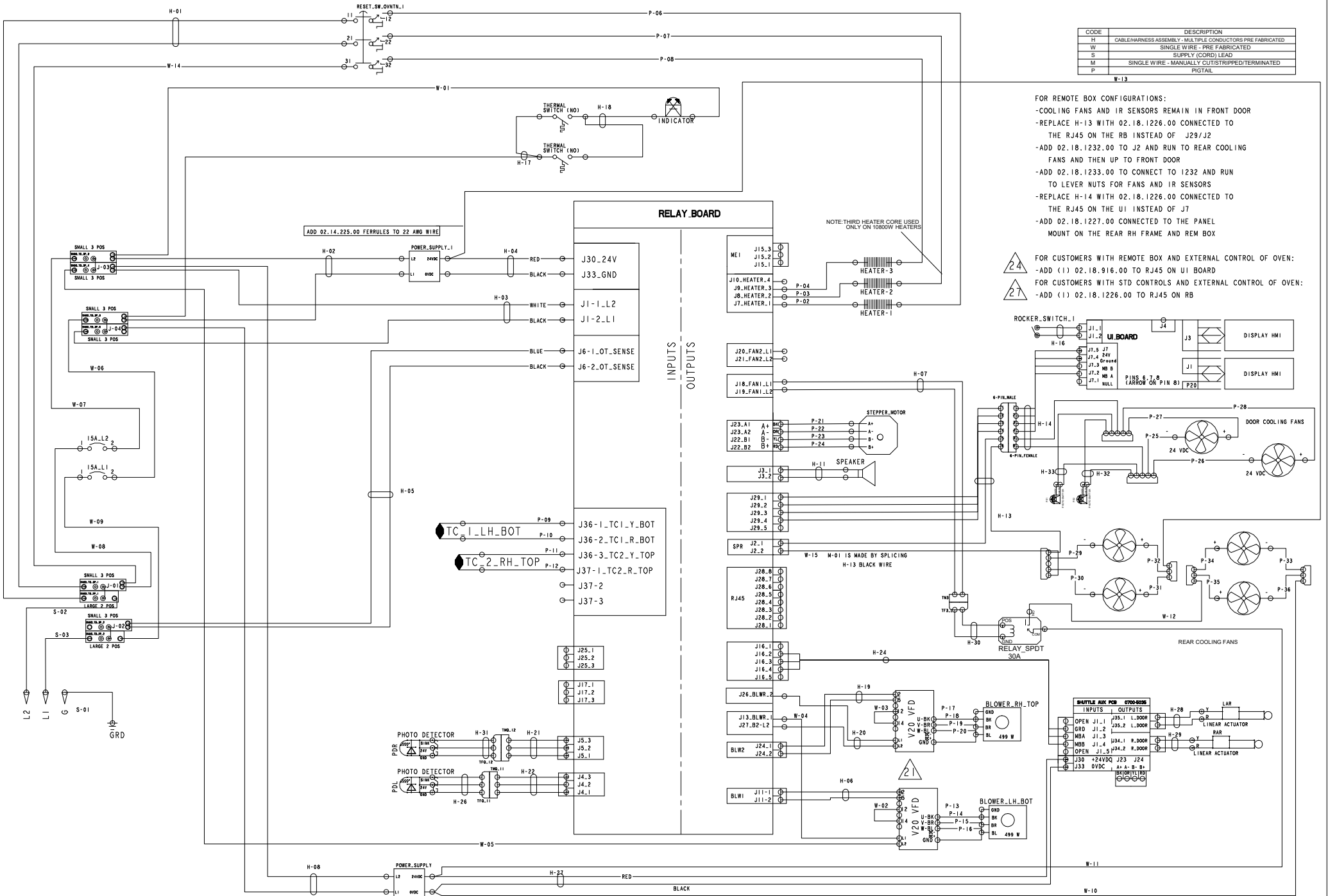


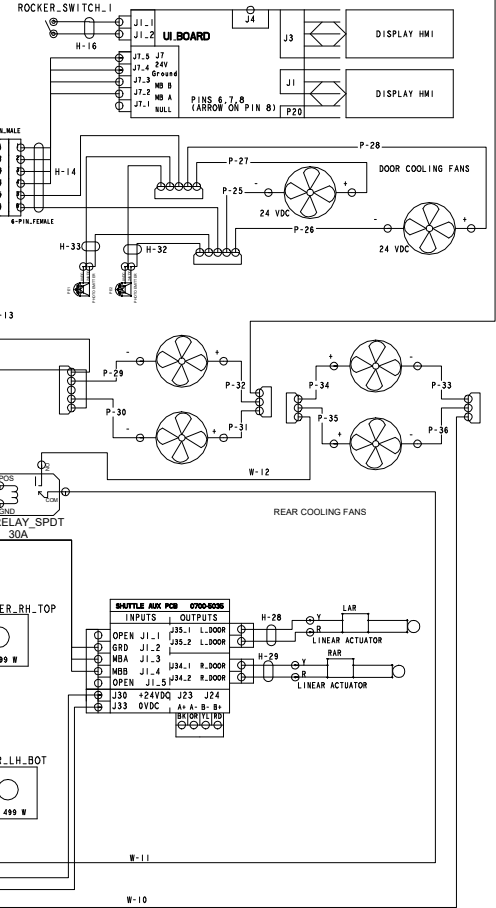


CODE	DESCRIPTION
H	CABLE/HARNESS ASSEMBLY - MULTIPLE CONDUCTORS PRE FABRICATED
W	SINGLE WIRE - PRE FABRICATED
S	SUPPLY (CORD) LEAD
M	SINGLE WIRE - MANUALLY CUT/STRIPPED/TERMINATED
P	PIGTAIL

FOR REMOTE BOX CONFIGURATIONS:
-COOLING FANS AND IR SENSORS REMAIN IN FRONT DOOR
-REPLACE H-13 WITH 02.18.1226.00 CONNECTED TO THE RJ45 ON THE RB INSTEAD OF J29/J2
-ADD 02.18.1232.00 TO J2 AND RUN TO REAR COOLING FANS AND THEN UP TO FRONT DOOR
-ADD 02.18.1233.00 TO CONNECT TO 1232 AND RUN TO LEVER NUTS FOR FANS AND IR SENSORS
-REPLACE H-14 WITH 02.18.1226.00 CONNECTED TO THE RJ45 ON THE U1 INSTEAD OF J7
-ADD 02.18.1227.00 CONNECTED TO THE PANEL MOUNT ON THE REAR RH FRAME AND REM BOX

FOR CUSTOMERS WITH REMOTE BOX AND EXTERNAL CONTROL OF OVEN:
-ADD (1) 02.18.916.00 TO RJ45 ON U1 BOARD
FOR CUSTOMERS WITH STD CONTROLS AND EXTERNAL CONTROL OF OVEN:
-ADD (1) 02.18.1226.00 TO RJ45 ON RB

24
27



MODEL DESIGNATION & ELECTRICAL RATINGS						
MODEL	VOLTS	AMPERES	HZ	PHASE	APPROVAL	PLUG
S1200	208/240	26/29			UL	NEMA 6-30
S1200CSA	208	24	60	1	UL cUL	
S1200	208/240	41/45			UL	NEMA 6-50
S1200	208/240	32			UL cUL	

RELEASE AND REVISION HISTORY				CK:				WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE). PGT=PIGTAIL LEADS			
RV	DESCRIPTION	DATE	ENG	RB				UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES			
1	RELEASED ECO #24794	7-11-13	JPV	WEM				HATCO CORP., MILWAUKEE, WI			
21	SWITCH TO V20, ECO #40672	6-3-21	TJD	WJS							
22	CORRECT MISC ISSUES, ECO #41584	10-21-21	NJM	WJS				DESCRIPTION OVENTION SCHEMATIC, S1200, UL cUL			
23	SPLIT H42 INTO H42/08, WAS 638, ECO #42884	4-29-22	NJM	WEM				PART NUMBER N/A			
24	ADD NOTE FOR PRESTRO, ECO #42887	5-24-22	TTH	WEM				DRAWING NUMBER 10-01-1176			
25	NEW DOOR HARNESS ECO #43128	7-28-22	NJM	WEM				REV 27			
26	ADDED FERRULES, ECO #43339	8-31-22	TTH	WEM				Released			
27	ADD EXTERN CONTROL, ECO #51736	4-15-24	TTH	WEM				SCALE: N/A			

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
H-01.1	BLACK	14	RESET_SW_OVNTN.1	1	WAGO_TB_2P.1	1
H-01.2	BLUE	14	RESET_SW_OVNTN.1	2	WAGO_TB_3P.1	1
H-02.1	BLACK	18	WAGO_TB_3P.5	3	POWER_SUPPLY.1	L1
H-02.2	WHITE	18	WAGO_TB_3P.3	3	POWER_SUPPLY.1	L2
H-03.1	BLACK	18	WAGO_TB_3P.6	1	RELAY_BOARD	J1.2.L1
H-03.2	WHITE	18	WAGO_TB_3P.4	3	RELAY_BOARD	J1.1.L2
H-04.1	BLACK	22	POWER_SUPPLY.1	0 VDC	RELAY_BOARD	J33.GND
H-04.2	RED	22	POWER_SUPPLY.1	24 VDC	RELAY_BOARD	J30.24V
H-05.1	BLACK	14	WAGO_TB_3P.2	3	RELAY_BOARD	J6.2.OT_SENSE
H-05.2	BLUE	14	WAGO_TB_3P.2	4	RELAY_BOARD	J6.1.OT_SENSE
H-06.1	BLUE	22	RELAY_BOARD	J11.1	MOTOR_CTRL_OVNTN.2	2
H-06.2	GRAY	22	RELAY_BOARD	J11.2	MOTOR_CTRL_OVNTN.2	5
H-07.1	BLACK	22	RELAY_BOARD	J18.FAN.L1	TM3	1
H-07.2	WHITE	22	RELAY_BOARD	J19.FAN.L2	TM3	2
H-08.1	BLACK	18	WAGO_TB_3P.6	2	POWER_SUPPLY	L1
H-08.2	WHITE	18	WAGO_TB_3P.4	2	POWER_SUPPLY	L2
H-11.1	BLUE	22	RELAY_BOARD	J3.1	SPEAKER	2
H-11.2	BROWN	22	RELAY_BOARD	J3.2	SPEAKER	1
H-13.1	ORANGE	22	RELAY_BOARD	J29.3	6-PIN MALE	1
H-13.2	YELLOW	22	RELAY_BOARD	J29.2	6-PIN MALE	2
H-13.3	BROWN	22	RELAY_BOARD	J29.3	6-PIN MALE	3
H-13.4	GRAY	22	RELAY_BOARD	J29.4	6-PIN MALE	4
H-13.5	RED	22	RELAY_BOARD	J2	6-PIN MALE	5
H-13.6	BLACK	22	INLINE_CONNECTORS.3	1/5F	6-PIN MALE	6
H-14.1	ORANGE	22	6-PIN FEMALE	1	UI_BOARD	5
H-14.2	YELLOW	22	6-PIN FEMALE	2	UI_BOARD	4
H-14.3	BROWN	22	6-PIN FEMALE	3	UI_BOARD	3
H-14.4	GRAY	22	6-PIN FEMALE	4	UI_BOARD	2
H-14.5	RED	22	6-PIN FEMALE	5	INLINE_CONNECTORS.7	3/5F
H-14.6	BLACK	22	6-PIN FEMALE	6	INLINE_CONNECTORS.2	3/5F
H-16.1	BLACK	22	ROCKER_SWITCH.1	1	UI_BOARD	J1.1
H-16.2	WHITE	22	ROCKER_SWITCH.1	2	UI_BOARD	J1.2
H-17.1	BLACK	20	THERMAL_SWITCH_LH	1	THERMAL_SWITCH_RH	1
H-17.2	BLACK	20	WAGO_TB_3P.5	2	THERMAL_SWITCH_LH	1
H-18.1	BLACK	22	THERMAL_SWITCH_RH	2	NC	1
H-18.2	BLACK	22	THERMAL_SWITCH_RH	2	THERMAL_SWITCH_LH	2
H-19.1	BLUE	22	RELAY_BOARD	J24.1	MOTOR_CTRL_OVNTN.1	2
H-19.2	GRAY	22	RELAY_BOARD	J24.2	MOTOR_CTRL_OVNTN.1	5
H-20.1	WHITE	18	RELAY_BOARD	J27.B2.L2	MOTOR_CTRL_OVNTN.1	L2
H-20.2	BLACK	18	RELAY_BOARD	J26.BLWR.2	MOTOR_CTRL_OVNTN.1	L1
H-21.1	ORANGE	22	RELAY_BOARD	J5.3	TMO.12	3
H-21.2	RED	22	RELAY_BOARD	J5.2	TMO.12	2
H-21.3	BLACK	22	RELAY_BOARD	J5.1	TMO.12	1
H-22.1	BLACK	22	RELAY_BOARD	J4.1	TMO.11	1
H-22.2	RED	22	RELAY_BOARD	J4.2	TMO.11	2
H-22.3	YELLOW	22	RELAY_BOARD	J4.3	TMO.11	3
H-24.1	BROWN	22	RELAY_BOARD	J16.2	AUX_PCB_0700_5035.1	J1.2
H-24.2	YELLOW	22	RELAY_BOARD	J16.3	AUX_PCB_0700_5035.1	J1.4
H-24.3	ORANGE	22	RELAY_BOARD	J16.4	AUX_PCB_0700_5035.1	J1.3
H-26.1	BLUE	TBA	PHOTO DETECTOR LEFT	SINK	TFO.11	3
H-26.2	BROWN	TBA	PHOTO DETECTOR LEFT	S	TFO.11	2
H-26.3	BLACK	TBA	PHOTO DETECTOR LEFT	S	TFO.11	1
H-27.1	BLACK	22	POWER_SUPPLY	0 VDC	AUX_PCB_0700_5035.1	J33
H-27.2	RED	22	POWER_SUPPLY	24 VDC	AUX_PCB_0700_5035.1	J30
H-28.1	BLUE	22	AUX_PCB_0700_5035.1	J35.1	LH_ACTUATOR	Y
H-28.2	GRAY	22	AUX_PCB_0700_5035.1	J35.2	LH_ACTUATOR	Y
H-29.1	VIOLET	22	AUX_PCB_0700_5035.1	J34.1	RIGHT_ACTUATOR	Y
H-29.2	GRAY	22	AUX_PCB_0700_5035.1	J34.2	RIGHT_ACTUATOR	R
H-30.1	BLACK	22	TF3.L	1	RELAY_SPDT.1	POS
H-30.2	WHITE	22	TF3.L	2	RELAY_SPDT.1	GND
H-31.1	BLUE	TBA	PHOTO DETECTOR RIGHT	SINK	TFO.12	3
H-31.2	BROWN	TBA	PHOTO DETECTOR RIGHT	S	TFO.12	2
H-31.3	BLACK	TBA	PHOTO DETECTOR RIGHT	G	TFO.12	1
H-32.1	BLUE	TBA	PHOTO EMITTER RIGHT	0	INLINE_CONNECTORS.7	1/5F
H-32.2	BROWN	TBA	PHOTO EMITTER RIGHT	24	INLINE_CONNECTORS.2	1/5F
H-33.1	BLUE	TBA	PHOTO EMITTER LEFT	0	INLINE_CONNECTORS.7	2/5F
H-33.2	BROWN	TBA	PHOTO EMITTER LEFT	24	INLINE_CONNECTORS.2	2/5F
J-01	GRAY	JUMPER	WAGO_TB_2P.1	4	WAGO_TB_3P.1	5
J-02	GRAY	JUMPER	WAGO_TB_2P.2	4	WAGO_TB_3P.2	5
J-03	GRAY	JUMPER	WAGO_TB_3P.3	5	WAGO_TB_3P.4	5
J-04	GRAY	JUMPER	WAGO_TB_3P.5	5	WAGO_TB_3P.6	5
P-02	WHITE W/ YELLOW	PGT	RELAY_BOARD	J7.HEATER.1	HEATER-1	1
P-03	WHITE W/ RED	PGT	RELAY_BOARD	J8.HEATER.2	HEATER-2	1
P-04	WHITE W/ BLUE	PGT	RELAY_BOARD	J9.HEATER.3	HEATER-3	1
P-06	WHITE W/ YELLOW	PGT	HEATER-1	2	RESET_SW_OVNTN.1	12
P-07	WHITE W/ RED	PGT	HEATER-2	2	RESET_SW_OVNTN.1	22
P-08	WHITE W/ BLUE	PGT	HEATER-3	2	RESET_SW_OVNTN.1	32
P-09	YELLOW	PGT	TC.1.LH.TOP	1	RELAY_BOARD	J36.1.TC1.Y.BOT
P-10	RED	PGT	TC.1.LH.TOP	2	RELAY_BOARD	J36.2.TC1.R.BOT
P-11	YELLOW	PGT	TC.2.RH.TOP	1	RELAY_BOARD	J36.3.TC2.Y.TOP
P-12	RED	PGT	TC.2.RH.TOP	2	RELAY_BOARD	J37.1.TC2.R.TOP
P-13	GREEN	PGT	MOTOR_CTRL_OVNTN.2	GND-GR	BLOWER_LH.BOT	4
P-14	BLACK	PGT	MOTOR_CTRL_OVNTN.2	U-BK	BLOWER_LH.BOT	1
P-15	BROWN	PGT	MOTOR_CTRL_OVNTN.2	V-BR	BLOWER_LH.BOT	2
P-16	BLUE	PGT	MOTOR_CTRL_OVNTN.2	W-BL	BLOWER_LH.BOT	3
P-17	GREEN	PGT	MOTOR_CTRL_OVNTN.1	GND-GR	BLOWER_RH.TOP	4
P-18	BLACK	PGT	MOTOR_CTRL_OVNTN.1	U-BK	BLOWER_RH.TOP	1
P-19	BROWN	PGT	MOTOR_CTRL_OVNTN.1	V-BR	BLOWER_RH.TOP	2
P-20	BLUE	PGT	MOTOR_CTRL_OVNTN.1	W-BL	BLOWER_RH.TOP	3
P-21	BLACK	PGT	STEPPER MOTOR	A1	RELAY_BOARD	J23.A1
P-22	ORANGE	PGT	STEPPER MOTOR	A2	RELAY_BOARD	J23.A2
P-23	YELLOW	PGT	STEPPER MOTOR	B1	RELAY_BOARD	J22.B1
P-24	RED	PGT	STEPPER MOTOR	B2	RELAY_BOARD	J22.B2
P-25	BLACK	PGT	DOOR_FAN.1	-	INLINE_CONNECTORS.2	4/5F
P-26	BLACK	PGT	INLINE_CONNECTORS.2	5/5F	DOOR_FAN.2	-
P-27	RED	PGT	DOOR_FAN.1	+	INLINE_CONNECTORS.7	5/5F
P-28	RED	PGT	INLINE_CONNECTORS.7	4/5F	DOOR_FAN.2	+
P-29	BLACK	PGT	INLINE_CONNECTORS.3	2/5F	FAN.L.T	1
P-30	BLACK	PGT	INLINE_CONNECTORS.3	4/5F	FAN.L.B	1
P-31	RED	PGT	FAN.L.B	+	INLINE_CONNECTORS.4	1/3F
P-32	RED	PGT	FAN.L.T	2	INLINE_CONNECTORS.4	2/3F
P-33	BLACK	PGT	FAN2.R.1	-	INLINE_CONNECTORS.6	3/3F
P-34	RED	PGT	INLINE_CONNECTORS.5	1/3F	FAN2.R.1	+

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
P-35	RED	PGT	INLINE_CONNECTORS.5	2/3F	FAN.R.B	-
P-36	BLACK	PGT	INLINE_CONNECTORS.6	2/3F	FAN.R.B	-
S-01	GREEN	PGT	G	NA	GROUND.1	GRD
S-02	WHITE	PGT	L2	NA	WAGO_TB_2P.1	2
S-03	BLACK	PGT	L1	NA	WAGO_TB_2P.2	2
W-01	WHITE	20	INDICATOR LAMP	2	WAGO_TB_3P.3	2
W-02	BLACK	22	MOTOR_CTRL_OVNTN.2	14	MOTOR_CTRL_OVNTN.2	12
W-03	BLACK	22	MOTOR_CTRL_OVNTN.1	14	MOTOR_CTRL_OVNTN.1	12
W-04	BLACK	18	RELAY_BOARD	J13.BLWR.1	MOTOR_CTRL_OVNTN.2	L1
W-05	WHITE	18	WAGO_TB_3P.4	2	MOTOR_CTRL_OVNTN.2	L2
W-06	BLACK	12	15A.L1	2	WAGO_TB_3P.5	1
W-07	WHITE	12	15A.L2	2	WAGO_TB_3P.3	1
W-08	WHITE	12	WAGO_TB_3P.1	3	15A.L2	1
W-09	BLACK	2	WAGO_TB_2P.2	2	15A.L2	1
W-10	GRAY	22	INLINE_CONNECTORS.6	1/3F	POWER_SUPPLY	0 VDC
W-11	ORANGE	18	RELAY_SPDT.1	COM	POWER_SUPPLY	24 VDC
W-12	ORANGE	18	INLINE_CONNECTORS.5	3/3F	RELAY_SPDT.1	NO
W-13	YELLOW	22	INLINE_CONNECTORS.4	3/3F	POWER_SUPPLY.1	24 VDC
W-14	RED	14	RESET_SW_OVNTN.1	31	WAGO_TB_3P.1	2
W-15	UNASSIGNED	UNASSIGNED	INLINE_CONNECTORS.3	5/5F	RELAY_BOARD	J2.2

BILL OF MATERIALS

ITEM NUMBER	QTY
02.15.073.00	2
02.15.074.00	2
02.18.626.00	1
02.18.627.00	1
02.18.631.00	1
02.18.632.00	1
02.18.633.00	1
02.18.635.00	1
02.18.636.00	1
02.18.640.00	1
02.18.641.00	1
02.18.643.00	1
02.18.649.00	1
02.18.650.00	1
02.18.655.00	1
02.18.659.00	2
02.18.660.00	1
02.18.662.00	2
02.18.669.00	2
02.18.670.00	2
02.18.682.00	2
02.18.809.00	1
02.18.811.00	1
02.18.812.00	1
02.18.813.00	1
02.18.814.00	1
02.18.817.00	1
02.18.1040.00	2
02.18.1041.00	1
02.18.1042.00	1
02.18.1043.00	1
02.18.1049.00	1
02.18.1158.00	2
02.18.1159.00	2
02.18.1375.00	1
CORD G	1
CORD L1	1
CORD L2	1
UNASSIGNED	1

ADDITIONAL BOM PARTS:

ITEM NUMBER QTY
02.14.225.00 2

CODE	DESCRIPTION
W	CABLE/HARNESS ASSEMBLY - MULTIPLE CONDUCTORS PRE FABRICATED
S	SINGLE WIRE - PRE FABRICATED
M	SUPPLY (CORD) LEAD
P	SINGLE WIRE - MANUALLY CUT/STRIPPED/TERMINATED
	PIGTAIL

DIAGRAM KEY

CODE	ITEM NUMBER
H-01	02.18.813.00
H-02	02.18.682.00
H-03	02.18.812.00
H-04	02.18.659.00
H-05	02.18.809.00
H-06	02.18.626.00
H-07	02.18.627.00
H-08	02.18.682.00
H-11	02.18.814.00
H-13	02.18.811.00
H-14	02.18.636.00
H-16	02.18.1375.00
H-17	02.18.640.00
H-18	02.18.632.00
H-19	02.18.631.00
H-20	02.18.655.00
H-21	02.18.635.00
H-22	02.18.633.00
H-24	02.18.643.00
H-26	02.18.1158.00
H-27	02.18.659.00
H-28	02.18.649.00
H-29	02.18.650.00
H-30	02.18.1043.00
H-31	02.18.1158.00
H-32	02.18.1159.00
H-33	02.18.1159.00
J-01	02.15.073.00
J-02	02.15.073.00
J-03	02.15.074.00
J-04	02.15.074.00
W-01	02.18.641.00
W-02	02.18.662.00
W-03	02.18.662.00
W-04	02.18.660.00
W-05	02.18.1049.00
W-06	02.18.669.00
W-07	02.18.670.00
W-08	02.18.670.00
W-09	02.18.669.00
W-10	02.18.1042.00
W-11	02.18.1040.00
W-12	02.18.1040.00
W-13	02.18.1041.00
W-14	02.18.817.00
W-15	UNASSIGNED

MODEL DESIGNATION & ELECTRICAL RATINGS					
MODEL	VOLTS	AMPERES	HZ	PHASE	APPROVAL PLUG
S1200	208/240	26/29	60	1	UL NEMA 6-30
S1200CSA	208	24			UL NEMA 6-30
S1200	208/240	41/45			UL NEMA 6-50
S1200	208/240	32			UL NEMA 6-50

RELEASE AND REVISION HISTORY				CK:
RV	DESCRIPTION	DATE	ENG	RB
1	RELEASED ECO #24794	7-11-13	JPV	WEM
21	SWITCH TO V50, ECO #40672	6-3-21	TJD	WJS
22	CORRECT MISC ISSUES, ECO #41548	10-21-21	NJM	WJS
23	SPUT HAZ INTO H208 WAS 638, ECO #43084	4-29-22	NJM	WEM
24	ADD NOTE FOR PESTRO, ECO #42807	5-24-22	THH	WEM
25	NEW DOOR HARNESS ECO #43128	7-28-22	NJM	WEM
26	ADDED FERRULES, ECO #43339	8-31-22	THH	WEM
27	ADD EXTERN CONTROL, ECO #51736	4-15-24	THH	WEM

WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE), PGT=PIGTAIL LEADS			
UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES			
HATCO CORP., MILWAUKEE, WI			
DESCRIPTION OVENTION SCHEMATIC, S1200.UL.cUL			
THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.			
PART NUMBER N/A	DRAWING NUMBER 10-01-1176	REV 27	
Released	SCALE: N/A	PROJ: 706601	SHEET 2 OF 2