

[illegible]

RELEASE AND REVISION HISTORY				CK:	WIRE LABELS			
RV	DESCRIPTION	DATE	ENG	RB	(WIRE NUMBER, GAUGE, COLOR CODE), PGT=PGTAIL LEADS			
1	RELEASED ECO #23033	8-27-12	JPY	WEM	HATCO CORP., MILWAUKEE, WI DESCRIPTION OVENTION SCHEMATIC, MT1718, UL, cUL PART NUMBER N/A DRAWING NUMBER 10-01-1077 REV 32			
28	NEW SWITCHECO #43128	7-28-22	NJM	WEM				
29	ADDED FERILES, ECO #43139	8-30-22	THH	WEM				
30	HARDWARE AND DWG REPAIR, ECO #48967	3-9-23	AJG	WEM	THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP. Released SCALE: N/A PROJ: 706601 SHEET 1 OF 2			
31	ADD REM BOX OPTION, ECO #48737	5-16-23	NJM	WEM				
32	CSA ADD OPTIONAL HEATER, ECO #48124	7-24-23	THH	WEM				

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

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
H-01.1	BLACK	18	WAGO_TB_3P_7	3	POWER_SUPPLY	2
H-01.2	WHITE	18	WAGO_TB_3P_5	3	POWER_SUPPLY	1
H-02.1	BLACK	20	THERMAL_SWITCH_LH	1	THERMAL_SWITCH_RH	1
H-02.2	BLACK	20	WAGO_TB_3P_6	3	THERMAL_SWITCH_LH	1
H-03.1	BLACK	18	WAGO_TB_3P_4	3	RELAY_BOARD	J1-1_L2
H-03.2	WHITE	18	WAGO_TB_3P_7	2	RELAY_BOARD	J1-2_L1
H-04.1	BLACK	22	POWER_SUPPLY	4	RELAY_BOARD	J33_GND
H-04.2	RED	22	POWER_SUPPLY	3	RELAY_BOARD	J30_24V
H-05.1	BLACK	14	CTS_RESET	32	RELAY_BOARD	J6-2_OT_SENSE
H-05.2	BLUE	14	CTS_RESET	12	RELAY_BOARD	J6-1_OT_SENSE
H-06.1	BLACK	14	WAGO_TB_3P_1	3	CTS_RESET	31
H-06.2	BLUE	14	WAGO_TB_2P_1	2	CTS_RESET	11
H-07.1	BLACK	22	THERMAL_SWITCH_RH	2	INDICATOR_LAMP	1
H-07.2	BLACK	22	THERMAL_SWITCH_RH	2	THERMAL_SWITCH_LH	2
H-08.1	BLACK	24	TF1	1	REED_SW_1_LH	1
H-08.2	BLACK	24	TF1	1	REED_SW_1_LH	1
H-09.1	BLACK	24	TF2	2	REED_SW_2_RH	2
H-09.2	BLACK	24	TF2	1	REED_SW_2_RH	1
H-10.1	BLUE	22	RELAY_BOARD	J3_1	SPEAKER	2
H-10.2	BROWN	22	RELAY_BOARD	J3_2	SPEAKER	1
H-11.1	BLACK	22	TF3_L	2	RELAY_SPDT_1	Port_1
H-11.2	WHITE	22	TF3_L	1	RELAY_SPDT_1	Port_1-1
H-12.1	BLACK	22	RELAY_BOARD	J18_FAN1_L1	TM3	2
H-12.2	WHITE	22	RELAY_BOARD	J19_FAN1_L2	TM3	2
H-13.1	BLACK	18	WAGO_TB_3P_7	1	POWER_SUPPLY_1	2
H-13.2	WHITE	18	WAGO_TB_3P_5	1	POWER_SUPPLY_1	1
H-14.1	ORANGE	22	RELAY_BOARD	J29_1	6-PIN-MALE	1
H-14.2	YELLOW	22	RELAY_BOARD	J29_2	6-PIN-MALE	2
H-14.3	BROWN	22	RELAY_BOARD	J29_3	6-PIN-MALE	3
H-14.4	GRAY	22	RELAY_BOARD	J29_4	6-PIN-MALE	4
H-14.5	RED	22	RELAY_BOARD	J2_1	6-PIN-MALE	5
H-14.6	BLACK	22	6-PIN-MALE	6	INLINE_CONNECTORS_5	1/5F
H-15.1	ORANGE	22	6-PIN-FEMALE	1	UI_BOARD	5
H-15.2	YELLOW	22	6-PIN-FEMALE	2	UI_BOARD	5
H-15.3	BROWN	22	6-PIN-FEMALE	3	UI_BOARD	4
H-15.4	GRAY	22	6-PIN-FEMALE	4	UI_BOARD	2
H-15.5	RED	22	6-PIN-FEMALE	5	INLINE_CONNECTORS_3	1/3F
H-15.6	BLACK	22	6-PIN-FEMALE	6	INLINE_CONNECTORS_4	1/3F
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	YELLOW	22	RELAY_BOARD	J5_1	TM1	1
H-17.2	BROWN	22	RELAY_BOARD	J4_3	TM2	2
H-17.3	ORANGE	22	RELAY_BOARD	J4_1	TM2	1
H-17.4	BROWN	22	RELAY_BOARD	J5_3	TM1	2
H-18.1	BLUE	22	RELAY_BOARD	J11-1	MOTOR_CTRL_OVNTN_2	C2
H-18.2	GRAY	22	RELAY_BOARD	J11-2	MOTOR_CTRL_OVNTN_2	C5
H-19.1	BLUE	22	RELAY_BOARD	J24-1	MOTOR_CTRL_OVNTN-1	C2
H-19.2	GRAY	22	RELAY_BOARD	J24-2	MOTOR_CTRL_OVNTN-1	C5
H-20.1	WHITE	18	RELAY_BOARD	J27_B2-L2	MOTOR_CTRL_OVNTN-1	C12
H-20.2	BLACK	18	RELAY_BOARD	J26_B1WR_2	MOTOR_CTRL_OVNTN-1	CL1
J-01	GRAY	JUMPER	WAGO_TB_3P_4	5	WAGO_TB_3P_5	5
J-02	GRAY	JUMPER	WAGO_TB_3P_6	5	WAGO_TB_3P_7	5
J-03	GRAY	JUMPER	WAGO_TB_2P_1	4	WAGO_TB_3P_1	5
J-04	GRAY	JUMPER	WAGO_TB_3P_3	4	WAGO_TB_2P_2	3
J-05	GRAY	JUMPER	WAGO_TB_3P_2	5	WAGO_TB_2P_2	4
M-01	UNASSIGNED	UNASSIGNED	RELAY_BOARD	J2_2	INLINE_CONNECTORS_5	5/5F
P-01	WHITE W/ YELLOW	PGT	HEATER-1_BOT	2	WAGO_TB_3P_2	2
P-02	WHITE W/ YELLOW	PGT	HEATER-2_TOP	2	WAGO_TB_3P_2	3
P-03	WHITE W/ BLUE	PGT	HEATER-3_BOT	1	WAGO_TB_3P_3	2
P-04	WHITE W/ BLUE	PGT	HEATER-4_TOP	1	WAGO_TB_3P_3	3
P-05	WHITE W/ BLUE	PGT	RELAY_BOARD	J10_HEATER_4	HEATER-4_TOP	2
P-06	WHITE W/ BLUE	PGT	RELAY_BOARD	J9_HEATER_3	HEATER-3_BOT	2
P-07	WHITE W/ YELLOW	PGT	RELAY_BOARD	J8_HEATER_2	HEATER-2_TOP	1
P-08	WHITE W/ YELLOW	PGT	RELAY_BOARD	J7_HEATER_1	HEATER-1_BOT	1
P-09	BLACK	PGT	STEPPER_MOTOR	A1	RELAY_BOARD	J23_A1
P-10	ORANGE	PGT	STEPPER_MOTOR	A2	RELAY_BOARD	J23_A2
P-11	YELLOW	PGT	STEPPER_MOTOR	B1	RELAY_BOARD	J22_B1
P-12	BLACK	PGT	STEPPER_MOTOR	B2	RELAY_BOARD	J22_B2
P-13	RED	PGT	DOOR_FAN_2	2	INLINE_CONNECTORS_3	2/3F
P-14	RED	PGT	DOOR_FAN_1	2	INLINE_CONNECTORS_3	3/3F
P-15	BLACK	PGT	DOOR_FAN_1	1	INLINE_CONNECTORS_4	2/3F
P-16	BLACK	PGT	DOOR_FAN_2	1	INLINE_CONNECTORS_4	3/3F
P-17	BLACK	PGT	INLINE_CONNECTORS_5	2/5F	FAN_L_T	1
P-18	BLACK	PGT	INLINE_CONNECTORS_5	4/5F	FAN_L_B	1
P-19	RED	PGT	FAN_L_T	2	INLINE_CONNECTORS_6	2/3F
P-20	RED	PGT	FAN_L_B	2	INLINE_CONNECTORS_6	1/3F
P-21	RED	PGT	INLINE_CONNECTORS_7	1/3F	FAN2_R_T	1
P-22	RED	PGT	INLINE_CONNECTORS_7	2/3F	FAN_R_B	1
P-23	BLACK	PGT	FAN2_R_T	2	INLINE_CONNECTORS_8	3/3F
P-24	BLACK	PGT	INLINE_CONNECTORS_8	2/3F	FAN_R_B	2
P-25	GREEN	PGT	MOTOR_CTRL_OVNTN_1	GND-GR	BLOWER_RH_TOP	4
P-26	BLACK	PGT	MOTOR_CTRL_OVNTN-1	U-BK	BLOWER_RH_1	1
P-27	BROWN	PGT	MOTOR_CTRL_OVNTN-1	V-BR	BLOWER_RH_TOP	1
P-28	BLUE	PGT	MOTOR_CTRL_OVNTN-1	W-BL	BLOWER_RH_TOP	3
P-29	GREEN	PGT	MOTOR_CTRL_OVNTN_2	GND-GR	BLOWER_LH_BOT	4
P-30	BLACK	PGT	MOTOR_CTRL_OVNTN_2	U-BK	BLOWER_LH_BOT	1
P-31	BROWN	PGT	MOTOR_CTRL_OVNTN_2	V-BR	BLOWER_LH_BOT	2
P-32	BLUE	PGT	MOTOR_CTRL_OVNTN_2	W-BL	BLOWER_LH_BOT	3
P-33	YELLOW	PGT	TC_1_LH_BOT	1	RELAY_BOARD	J36-1_TC1_Y_BOT

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
P-34	YELLOW	PGT	TC_1_LH_BOT	2	RELAY_BOARD	J36-2_TC1_R_BOT
P-35	YELLOW	PGT	TC_2_RH_TOP	1	RELAY_BOARD	J36-3_TC2_Y_TOP
P-36	YELLOW	PGT	TC_2_RH_TOP	2	RELAY_BOARD	J37-1_TC2_R_TOP
S-01	WHITE	PGT	L1	NA	T-BLOCK_1	Port_1-3
S-02	BLACK	PGT	L1	NA	T-BLOCK_1	Port_1-4
S-03	GREEN	PGT	G	NA	T-BLOCK_1	Port_1-5
W-01	WHITE	18	WAGO_TB_3P_5	2	MOTOR_CTRL_OVNTN_2	CL2
W-02	WHITE	20	INDICATOR_LAMP	2	WAGO_TB_3P_4	2
W-03	WHITE	12	15 A - L2	2	WAGO_TB_3P_4	1
W-04	BLACK	12	15 A - L1	2	WAGO_TB_3P_6	1
W-05	WHITE	12	WAGO_TB_2P_2	2	15 A - L2	1
W-06	BLACK	12	WAGO_TB_3P_1	2	15 A - L1	1
W-07	BLACK	6	DISCONNECT_SWITCH	11	WAGO_TB_2P_1	1
W-08	WHITE	6	DISCONNECT_SWITCH	13	WAGO_TB_2P_2	1
W-09	WHITE	6	T-BLOCK_1	Port_1	DISCONNECT_SWITCH	L3
W-10	BLACK	6	T-BLOCK_1	Port_1-1	DISCONNECT_SWITCH	L1
W-11	GREEN	6	T-BLOCK_1	Port_1-2	GROUND_1	GRD
W-12	YELLOW	22	INLINE_CONNECTORS_6	3/3F	POWER_SUPPLY	3
W-13	ORANGE	18	INLINE_CONNECTORS_7	3/3F	RELAY_SPDT_1	Port_1-2
W-14	BLACK	22	MOTOR_CTRL_OVNTN-1	C14	MOTOR_CTRL_OVNTN_1	C12
W-15	BLACK	22	MOTOR_CTRL_OVNTN_2	C14	MOTOR_CTRL_OVNTN_2	C12
W-16	BLACK	18	RELAY_BOARD	J13_B1WR_1	MOTOR_CTRL_OVNTN_2	CL1
W-17	ORANGE	18	POWER_SUPPLY_1	3	RELAY_SPDT_1	Port_1-3
W-18	ORANGE	22	POWER_SUPPLY_1	4	INLINE_CONNECTORS_8	1/3F

BILL OF MATERIALS

ITEM NUMBER	QTY
02.15.073.00	3
02.15.074.00	2
02.18.561.00	2
02.18.626.00	1
02.18.627.00	1
02.18.631.00	1
02.18.632.00	1
02.18.636.00	1
02.18.639.00	1
02.18.640.00	1
02.18.641.00	1
02.18.655.00	1
02.18.660.00	1
02.18.662.00	2
02.18.667.00	1
02.18.668.00	1
02.18.669.00	2
02.18.670.00	2
02.18.682.00	2
02.18.809.00	1
02.18.810.00	1
02.18.811.00	1
02.18.812.00	1
02.18.813.00	1
02.18.814.00	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
02.18.1253.00	1
02.18.1254.00	1
02.18.1255.00	1
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

DIAGRAM KEY

CODE	ITEM NUMBER
H-01	02.18.682.00
H-02	02.18.640.00
H-03	02.18.812.00
H-04	02.18.810.00
H-05	02.18.809.00
H-06	02.18.813.00
H-07	02.18.632.00
H-08	02.18.561.00
H-09	02.18.561.00
H-10	02.18.814.00
H-11	02.18.1043.00
H-12	02.18.627.00
H-13	02.18.682.00
H-14	02.18.811.00
H-15	02.18.636.00
H-16	02.18.1375.00
H-17	02.18.639.00
H-18	02.18.626.00
H-19	02.18.631.00
H-20	02.18.655.00
J-01	02.15.074.00
J-02	02.15.074.00
J-03	02.15.073.00
J-04	02.15.073.00
J-05	02.15.073.00
M-01	UNASSIGNED
W-01	02.18.1049.00
W-02	02.18.641.00
W-03	02.18.670.00
W-04	02.18.669.00
W-05	02.18.670.00
W-06	02.18.669.00
W-07	02.18.667.00
W-08	02.18.668.00
W-09	02.18.1255.00

DIAGRAM KEY

CODE	ITEM NUMBER
W-10	02.18.1254.00
W-11	02.18.1253.00
W-12	02.18.1041.00
W-13	02.18.1040.00
W-14	02.18.662.00
W-15	02.18.662.00
W-16	02.18.660.00
W-17	02.18.1040.00
W-18	02.18.1042.00

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	HATCO CORP., MILWAUKEE, WI				
1	RELEASED ECO.#23033	8-27-12	JPV	WEM						
28	NEW SWITCHES ECO.#43128	7-28-22	NJM	WEM						
29	ADDED FERRULES ECO.#43339	8-30-22	TTH	WEM						
30	HARDWARE AND DWG REPAIR ECO.#46857	3-9-23	AJG	WEM	THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.	DESCRIPTION OVENTION SCHEMATIC M1718,UL,CUL				
31	ADD REM BOX OPTION ECO.#46737	5-16-23	NJM	WEM		PART NUMBER N/A		DRAWING NUMBER 10-01-1077		REV 32
32	CISA ADD OPTIONAL HEATER ECO.#48124	7-24-23	TTH	WEM						
-	-	-	-	-						
Released				SCALE: N/A		PROJ: 706601		SHEET 2 OF 2		