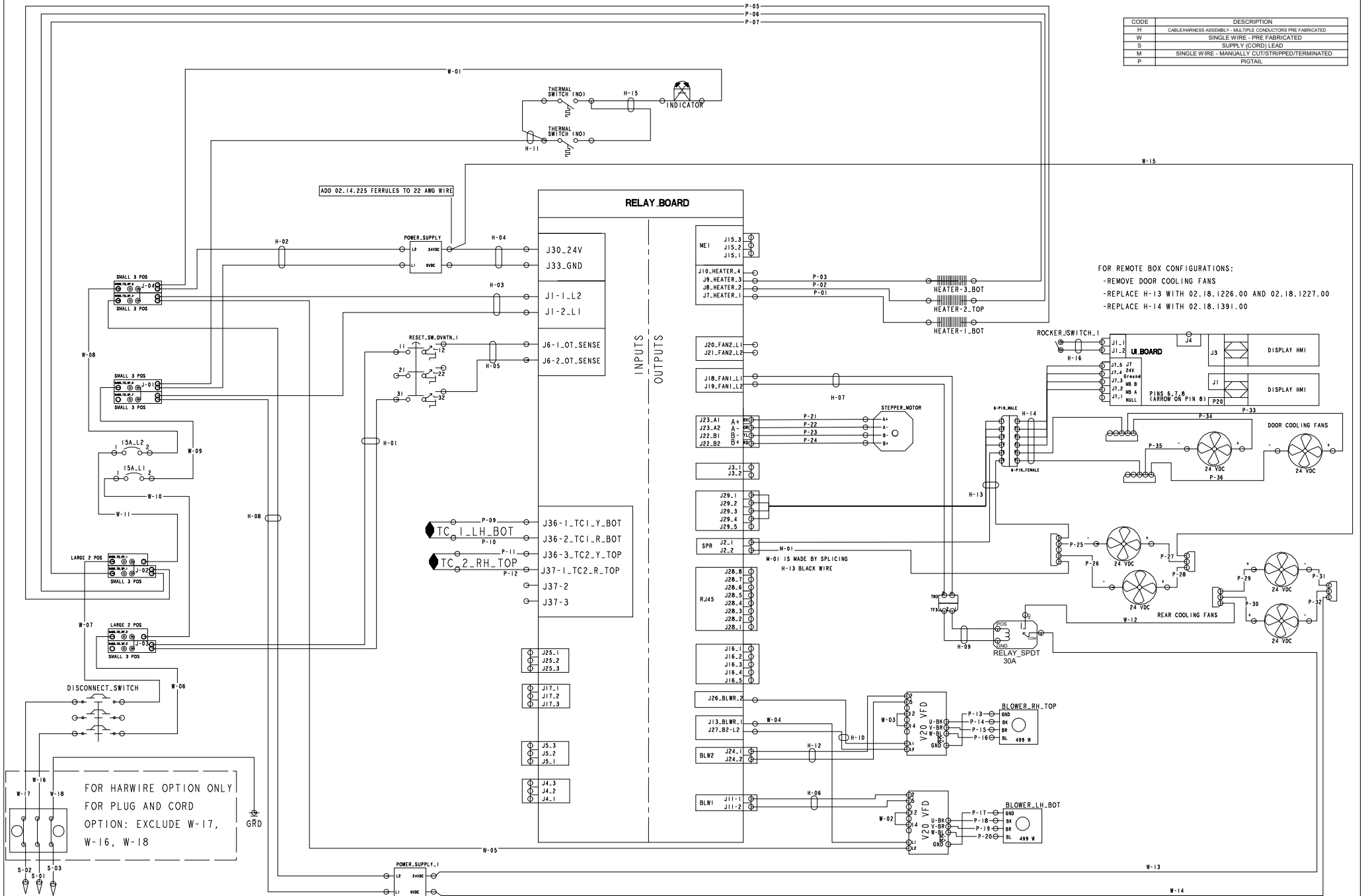


CODE	DESCRIPTION
H	CABLE HARNESS ASSEMBLY - MULTIPLE CONDUCTORS PRE-FABRICATED
W	SINGLE WIRE - PRE-FABRICATED
S	SUPPLY (CORD) LEAD
M	SINGLE WIRE - MANUALLY CUT/STRIPPED/TERMINATED
P	PIGTAIL



FOR REMOTE BOX CONFIGURATIONS:
- REMOVE DOOR COOLING FANS
- REPLACE H-13 WITH 02.18.1226.00 AND 02.18.1227.00
- REPLACE H-14 WITH 02.18.1391.00

MODEL DESIGNATION & ELECTRICAL RATINGS						
MODEL	VOLTS	AMPERES	HZ	PHASE	APPROVAL	PLUG
C1600	208-240	44/49	60	1	UL	NEMA 5-SGP (OR HARDWIRE OPTION)

ADD 02.14.225 FERRULES TO 22 AWG WIRE

RELEASE AND REVISION HISTORY			CK:	
RV	DESCRIPTION	DATE	ENG	RB
1	RELEASED ECO#59505	6-26-25	NUM	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 C1600.1PH.UL			
THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.		PART NUMBER N/A	DRAWING NUMBER 10-01-1790
RELEASED		SCALE: N/A	PROJ: 706603
			REV 1
			1 OF 2

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

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
H-01.1	BLACK	14	WAGO_TB_3P_2	3	RESET_SW_OVNTN_1	31
H-01.2	BLUE	14	WAGO_TB_3P_2	2	RESET_SW_OVNTN_1	11
H-02.1	BLACK	18	WAGO_TB_3P_6	3	POWER_SUPPLY	L1
H-02.2	WHITE	18	WAGO_TB_3P_5	3	POWER_SUPPLY	L2
H-03.1	BLACK	18	WAGO_TB_3P_7	2	RELAY_BOARD	J1-2_L1
H-03.2	WHITE	18	WAGO_TB_3P_4	2	RELAY_BOARD	J1-1_L2
H-04.1	BLACK	22	POWER_SUPPLY	0 VDC	RELAY_BOARD	J33_GND
H-04.2	RED	22	POWER_SUPPLY	24 VDC	RELAY_BOARD	J30_24V
H-05.1	BLACK	14	RESET_SW_OVNTN_1	32	RELAY_BOARD	J6-2_OT_SENSE
H-05.2	BLUE	14	RESET_SW_OVNTN_1	12	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_FAN1_L1	TM3	1
H-07.2	WHITE	22	RELAY_BOARD	J19_FAN1_L2	TM3	2
H-08.1	BLACK	18	WAGO_TB_3P_7	3	POWER_SUPPLY_1	L1
H-08.2	WHITE	18	WAGO_TB_3P_4	1	RELAY_SPDT_1	L2
H-09.1	BLACK	22	TF3_L	1	RELAY_SPDT_1	POS
H-09.2	WHITE	22	TF3_L	2	RELAY_SPDT_1	GND
H-10.1	WHITE	18	RELAY_BOARD	J27_B2_L2	MOTOR_CTRL_OVNTN_1	L2
H-10.2	BLACK	18	RELAY_BOARD	J26_B1WR_2	MOTOR_CTRL_OVNTN_1	L1
H-12.1	BLUE	22	RELAY_BOARD	J24_1	MOTOR_CTRL_OVNTN_1	2
H-12.2	GRAY	22	RELAY_BOARD	J24_2	MOTOR_CTRL_OVNTN_1	5
H-13.1	ORANGE	22	RELAY_BOARD	J29_1	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_1	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_1	3/5F
H-14.6	BLACK	22	6-PIN_FEMALE	6	INLINE_CONNECTORS_2	3/5F
H-15.1	BLACK	22	THERMAL_SWITCH_RH	2	INDICATOR_LAMP	1
H-15.2	BLACK	22	THERMAL_SWITCH_RH	2	THERMAL_SWITCH_LH	1
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_6	2	THERMAL_SWITCH_LH	1
J-01	GRAY	JUMPER	WAGO_TB_3P_6	5	WAGO_TB_3P_7	5
J-02	GRAY	JUMPER	WAGO_TB_2P_1	4	WAGO_TB_3P_1	5
J-03	GRAY	JUMPER	WAGO_TB_2P_2	4	WAGO_TB_3P_2	5
J-04	GRAY	JUMPER	WAGO_TB_3P_5	5	WAGO_TB_3P_4	5
M-01	UNASSIGNED	UNASSIGNED	INLINE_CONNECTORS_3	5/5F	RELAY_BOARD	J2_2
P-01	WHITE W/ YELLOW	PGT	RELAY_BOARD	J7_HEATER_1	HEATER-1_BOT	1
P-02	WHITE W/ BLUE	PGT	RELAY_BOARD	J8_HEATER_2	HEATER-2_TOP	1
P-03	WHITE W/ BLUE	PGT	RELAY_BOARD	J9_HEATER_3	HEATER-3_BOT	2
P-05	WHITE W/ YELLOW	PGT	HEATER-1_BOT	2	WAGO_TB_3P_1	2
P-06	WHITE W/ YELLOW	PGT	HEATER-2_TOP	2	WAGO_TB_3P_1	2
P-07	WHITE W/ BLUE	PGT	HEATER-3_BOT	1	WAGO_TB_3P_1	1
P-09	YELLOW	PGT	TC_1_LH_BOT	1	RELAY_BOARD	J36-1_TC1_Y_BOT
P-10	RED	PGT	TC_1_LH_BOT	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_1	GND-GR	BLOWER_RH_TOP	4
P-14	BLACK	PGT	MOTOR_CTRL_OVNTN_1	U-BK	BLOWER_RH_TOP	1
P-15	BROWN	PGT	MOTOR_CTRL_OVNTN_1	V-BR	BLOWER_RH_TOP	2
P-16	BLUE	PGT	MOTOR_CTRL_OVNTN_1	W-BL	BLOWER_RH_TOP	3
P-17	GREEN	PGT	MOTOR_CTRL_OVNTN_2	GND-GR	BLOWER_LH_BOT	4
P-18	BLACK	PGT	MOTOR_CTRL_OVNTN_2	U-BK	BLOWER_LH_BOT	1
P-19	BROWN	PGT	MOTOR_CTRL_OVNTN_2	V-BR	BLOWER_LH_BOT	2
P-20	BLUE	PGT	MOTOR_CTRL_OVNTN_2	W-BL	BLOWER_LH_BOT	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	INLINE_CONNECTORS_3	2/5F	FAN_L_T	-
P-26	BLACK	PGT	INLINE_CONNECTORS_3	4/5F	FAN_L_B	-
P-27	RED	PGT	FAN_L_T	+	INLINE_CONNECTORS_6	2/3F
P-28	RED	PGT	FAN_L_B	+	INLINE_CONNECTORS_6	1/3F
P-29	RED	PGT	INLINE_CONNECTORS_7	1/3F	FAN2_R_T	+
P-30	RED	PGT	INLINE_CONNECTORS_7	2/3F	FAN_R_B	+
P-31	BLACK	PGT	FAN2_R_T	-	INLINE_CONNECTORS_8	3/3F
P-32	BLACK	PGT	FAN_R_B	-	INLINE_CONNECTORS_8	2/3F
P-33	RED	PGT	DOOR_FAN_2	+	INLINE_CONNECTORS_1	4/5F
P-34	RED	PGT	DOOR_FAN_1	+	INLINE_CONNECTORS_1	5/5F
P-35	BLACK	PGT	DOOR_FAN_1	-	INLINE_CONNECTORS_2	4/5F
P-36	BLACK	PGT	DOOR_FAN_2	-	INLINE_CONNECTORS_2	5/5F
S-01	BLACK	PGT	L1	NA	T-BLOCK_1	Port_1_4
S-02	WHITE	PGT	L2	NA	T-BLOCK_1	Port_1_3
S-03	GREEN	PGT	G	NA	T-BLOCK_1	Port_1_5
W-01	WHITE	20	WAGO_TB_3P_5	2	INDICATOR_LAMP	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_B1WR_1	MOTOR_CTRL_OVNTN_2	L1
W-05	WHITE	18	WAGO_TB_3P_4	3	MOTOR_CTRL_OVNTN_2	L2
W-06	BLACK	6	DISCONNECT_SWITCH	T1	WAGO_TB_2P_2	1
W-07	WHITE	6	DISCONNECT_SWITCH	T3	WAGO_TB_2P_1	1
W-08	WHITE	12	ISA_L2	2	WAGO_TB_3P_5	1
W-09	BLACK	12	ISA_L1	2	WAGO_TB_3P_6	1
W-10	BLACK	12	WAGO_TB_2P_2	2	ISA_L1	1

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
W-11	WHITE	12	WAGO_TB_2P_1	2	ISA_L2	1
W-12	RED	18	INLINE_CONNECTORS_7	3/3F	RELAY_SPDT_1	NO
W-13	RED	18	RELAY_SPDT_1	COM	POWER_SUPPLY_1	24 VDC
W-14	GRAY	22	INLINE_CONNECTORS_8	1/3F	POWER_SUPPLY_1	0 VDC
W-15	YELLOW	22	INLINE_CONNECTORS_6	3/3F	POWER_SUPPLY	24 VDC
W-16	BLACK	6	T-BLOCK_1	Port_1_1	DISCONNECT_SWITCH	L1
W-17	WHITE	6	T-BLOCK_1	Port_1	DISCONNECT_SWITCH	L3
W-18	GREEN	6	T-BLOCK_1	Port_1_2	GROUND_1	GRD

BILL OF MATERIALS

ITEM NUMBER	TOTAL
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
02.18.640.00	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
02.18.1040.00	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
UNASSIGNED	1

ADDITIONAL BOM PARTS:

ITEM NUMBER	QTY
02.14.225.00	2

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	02.18.810.00
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-09	02.18.1043.00
H-10	02.18.655.00
H-12	02.18.631.00
H-13	02.18.811.00
H-14	02.18.636.00
H-15	02.18.632.00
H-16	02.18.1375.00
H-17	02.18.640.00
J-01	02.15.074.00
J-02	02.15.073.00
J-03	02.15.073.00
J-04	02.15.074.00
M-01	UNASSIGNED
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	02.18.667.00
W-07	02.18.668.00
W-08	02.18.670.00
W-09	02.18.669.00
W-10	02.18.669.00
W-11	02.18.670.00
W-12	02.18.1040.00
W-13	02.18.1040.00
W-14	02.18.1042.00
W-15	02.18.1041.00
W-16	02.18.1254.00
W-17	02.18.1255.00
W-18	02.18.1253.00

RELEASE AND REVISION HISTORY				CK		WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE). PGT=PIGTAIL LEADS			
REV	DESCRIPTION	DATE	ENG	RB	NUM	WEM	UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES		
1	RELEASED ECO #59505	6-26-25	-	-	-	-	HATCO CORP., MILWAUKEE, WI		
-	-	-	-	-	-	-			
-	-	-	-	-	-	-			
-	-	-	-	-	-	-			
-	-	-	-	-	-	-			
THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.							DESCRIPTION OVENTION SCHEMATIC,C1600,1PH,UL		
							PART NUMBER N/A	DRAWING NUMBER 10-01-1790	REV 1
RELEASED							SCALE: N/A	PROJ: 706603	2 OF 2