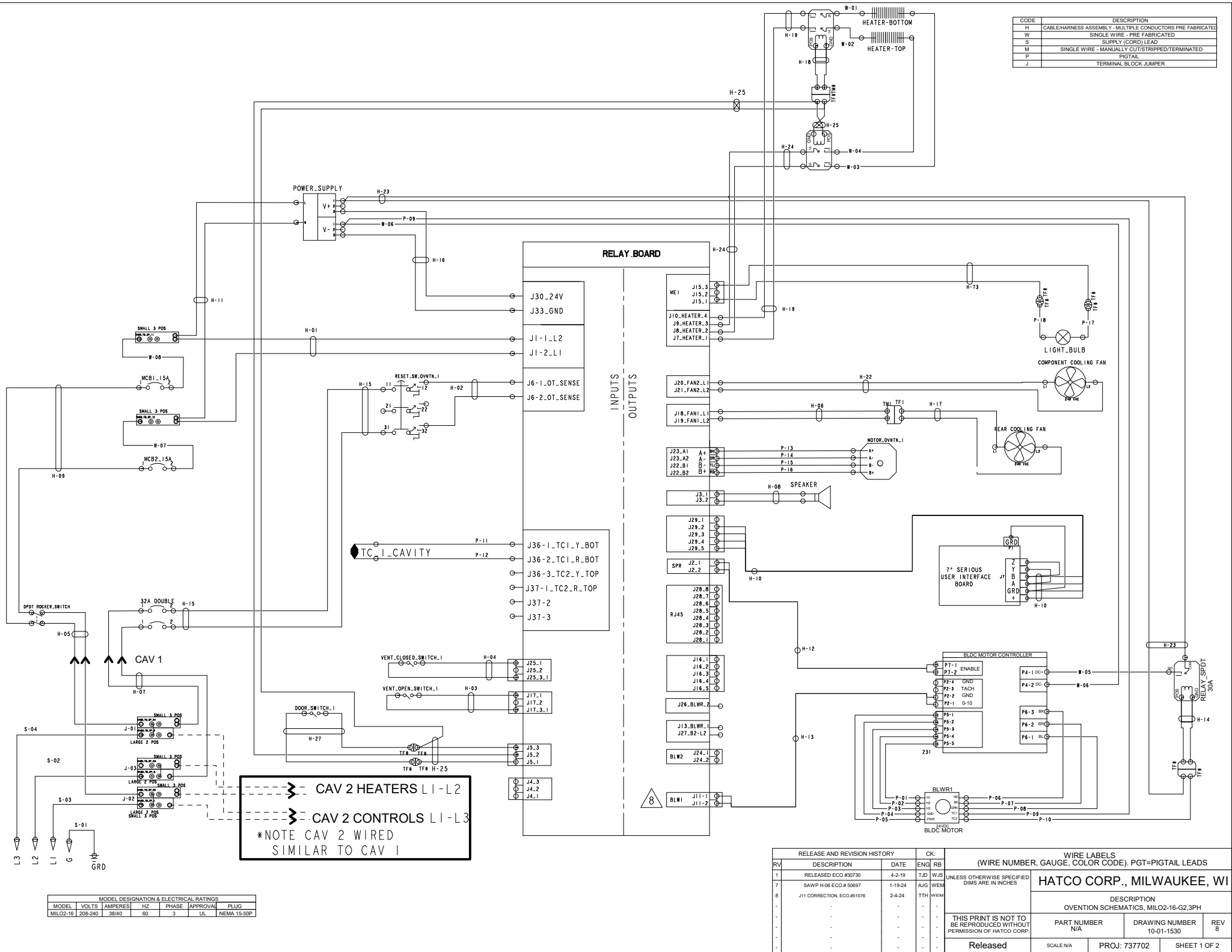


CODE	DESCRIPTION
H	CABLE/HARNESS ASSEMBLY - MULTIPLE CONDUCTORS PRE FABRICATED
W	SINGLE WIRE - PRE FABRICATED
S	SUPPLY CORD LEAD
M	SINGLE WIRE - MANUALLY CUT/STRIPPED/TERMINATED
P	PIGTAIL
J	TERMINAL BLOCK JUMPER



MODEL DESIGNATION & ELECTRICAL RATINGS						
MODEL	VOLTS	AMPERES	HZ	PHASE	APPROVAL	PLUG
MIL02-16	208-240	38/40	60	3	UL	NEMA 15-50P

RELEASE AND REVISION HISTORY				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.#00730	4-2-19	TJD	WJS	HATCO CORP., MILWAUKEE, WI		
7	SAWP H-06 ECO.# 50697	1-19-24	AUG	WEM			
8	J11 CORRECTION, ECO.#51076	2-4-24	TTH	WEM			
THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.					DESCRIPTION OVENTION SCHEMATICS, MIL02-16-G2,3PH		
Released					PART NUMBER N/A		DRAWING NUMBER 10-01-1530
SCALE: N/A					PROJ: 737702		REV 8
					SHEET 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
J	TERMINAL BLOCK JUMPER

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
H-01.1	BLACK	18	WAGO_TB_3P_12	3	RELAY_BOARD	J1-2.L1
H-01.2	WHITE	18	WAGO_TB_3P_11	3	RELAY_BOARD	J1-1.L2
H-02.1	BLACK	14	RESET_SW_OVNTN_1	12	RELAY_BOARD	J6-1.0T_SENSE
H-02.2	BLUE	14	RESET_SW_OVNTN_1	32	RELAY_BOARD	J6-2.0T_SENSE
H-03.1	YELLOW	22	VENT_OPEN_SWITCH_1	1	RELAY_BOARD	J17.3.1
H-03.2	WHITE	22	VENT_OPEN_SWITCH_1	2	RELAY_BOARD	J17.1
H-04.1	ORANGE	22	VENT_CLOSED_SWITCH_1	1	RELAY_BOARD	J25.3.1
H-04.2	WHITE	22	VENT_CLOSED_SWITCH_1	2	RELAY_BOARD	J25.1
H-05.1	WHITE	18	WAGO_TB_3P_24	1	ROCKER_SWITCH_1	Port_1.L1
H-05.2	BLACK	18	WAGO_TB_3P_25	1	ROCKER_SWITCH_1	Port_1
H-06.1	BLACK	22	RELAY_BOARD	J18.FAN1.L1	INLINE_CONNECTOR_1	Port_1
H-06.2	WHITE	22	RELAY_BOARD	J19.FAN1.L2	INLINE_CONNECTOR_1	2/2M
H-07.1	BLACK	14	WAGO_TB_3P_24	3	MCB2_15A_2	1
H-07.2	BLUE	14	WAGO_TB_2P_3	2	MCB2_15A_1	1
H-08.1	BLUE	22	RELAY_BOARD	J3.1	SPEAKER	2
H-08.2	BROWN	22	RELAY_BOARD	J3.2	SPEAKER	1
H-09.1	WHITE	18	ROCKER_SWITCH_1	Port_1.L2	MCB1_15A	1
H-09.2	BLACK	18	ROCKER_SWITCH_1	Port_1.3	MCB2_15A	1
H-10.1	GRAY	22	RELAY_BOARD	J29.5	INTERFACE_0700_5005_1	J7.1
H-10.2	BROWN	22	RELAY_BOARD	J29.4	INTERFACE_0700_5005_1	J7.2
H-10.3	ORANGE	22	RELAY_BOARD	J29.3	INTERFACE_0700_5005_1	J7.4
H-10.4	YELLOW	22	RELAY_BOARD	J29.2	INTERFACE_0700_5005_1	J7.3
H-10.5	ORANGE	22	INTERFACE_0700_5005_1	J7.4	INTERFACE_0700_5005_1	J7.6
H-10.6	YELLOW	22	INTERFACE_0700_5005_1	J7.3	INTERFACE_0700_5005_1	J7.5
H-10.7	BLACK	22	INTERFACE_0700_5005_1	J7.2	INTERFACE_0700_5005_1	P1
H-11.1	BLACK	18	WAGO_TB_3P_12	2	CONVERTER_1	N
H-11.2	WHITE	18	WAGO_TB_3P_11	2	CONVERTER_1	L
H-12.1	RED	22	RELAY_BOARD	J2.2	BLDC_CTRL_1	P7-2 BLDC CONT
H-12.2	BLACK	22	RELAY_BOARD	J2.1	BLDC_CTRL_1	P7-1 BLDC CONT
H-13.1	BLUE	22	RELAY_BOARD	J11-2	BLDC_CTRL_1	P2-2 BLDC CONT
H-13.2	VIOLET	22	RELAY_BOARD	J11-1	BLDC_CTRL_1	P2-1 BLDC CONT
H-14.1	RED	22	RELAY_SPST_2	GND	INLINE_CONNECTORS_10	Port_1.3
H-14.2	BLACK	22	RELAY_SPST_2	POS	INLINE_CONNECTORS_10	Port_1.2
H-14.3	WHITE	22	RELAY_SPST_2	POS	RELAY_SPST_2	GND
H-15.1	BLACK	14	MCB2_15A_2	2	RESET_SW_OVNTN_1	11
H-15.2	BLUE	14	MCB2_15A_1	2	RESET_SW_OVNTN_1	31
H-16.1	RED	22	CONVERTER_1	V+ 3	RELAY_BOARD	J30_24V
H-16.2	BLACK	22	CONVERTER_1	V- 3	RELAY_BOARD	J33.GND
H-17.1	BLACK	22	INLINE_CONNECTORS_2	2	FRONT_FAN	1
H-17.2	WHITE	22	INLINE_CONNECTORS_2	3	FRONT_FAN	2
H-18.1	RED	22	RELAY_DPST_4	POS	INLINE_CONNECTORS_7	2/2M
H-18.2	BLACK	22	RELAY_DPST_4	GND	INLINE_CONNECTORS_7	Port_1
H-18.3	WHITE	22	RELAY_DPST_4	POS	RELAY_DPST_4	GND
H-19.1	BLACK	14	RELAY_BOARD	J7.HEATER_1	RELAY_DPST_4	POS
H-19.2	BLUE	14	RELAY_BOARD	J10.HEATER_4	RELAY_DPST_4	2
H-22.1	BLACK	22	RELAY_BOARD	J20.FAN2.L1	REAR_FAN_LH	1
H-22.2	WHITE	22	RELAY_BOARD	J21.FAN2.L2	REAR_FAN_LH	2
H-23.1	RED	22	CONVERTER_1	V+ 1	RELAY_SPST_2	COM
H-23.2	RED	22	CONVERTER_1	V+ 1	INLINE_CONNECTORS_14	Port_1.3
H-24.1	BLACK	14	RELAY_BOARD	J9.HEATER_3	RELAY_DPST_3	1A
H-24.2	BLUE	14	RELAY_BOARD	J8.HEATER_2	RELAY_DPST_3	2A
H-25.1	WHITE	22	INLINE_CONNECTORS_12	1/1M	RELAY_BOARD	J5.3
H-25.2	RED	22	INLINE_CONNECTORS_8	3	RELAY_BOARD	J5.2
H-25.3	BLUE	22	INLINE_CONNECTORS_28	1/1M	RELAY_BOARD	J5.1
H-25.4	WHITE	22	INLINE_CONNECTORS_8	2	INLINE_CONNECTORS_12	1/1M
H-25.5	WHITE	22	INLINE_CONNECTORS_8	2	RELAY_DPST_3	GND
H-25.6	RED	22	INLINE_CONNECTORS_8	3	RELAY_DPST_3	POS
H-27.1	BLUE	22	INLINE_CONNECTORS_29	1/1M	DOOR_SWITCH_1	1
H-27.2	WHITE	22	DOOR_SWITCH_1	2	INLINE_CONNECTORS_13	1/1M
H-73.1	BLACK	22	RELAY_BOARD	J15.3	INLINE_CONNECTORS_35	Port_1.5
H-73.2	RED	22	RELAY_BOARD	J15.1	INLINE_CONNECTORS_32	Port_1.5
J-01	GRAY	JUMPER	WAGO_TB_3P_24	4	WAGO_TB_2P_2	3
J-02	GRAY	JUMPER	WAGO_TB_3P_25	4	WAGO_TB_2P_1	3
J-03	GRAY	JUMPER	WAGO_TB_2P_3	4	WAGO_TB_3P_23	5
P-01	BROWN	PGT	BLOWER_1	H1 BLDC MOTOR	BLDC_CTRL_1	P5-5 BLDC CONT
P-02	BLUE	PGT	BLOWER_1	H2 BLDC MOTOR	BLDC_CTRL_1	P5-4 BLDC CONT
P-03	ORANGE	PGT	BLOWER_1	H3 BLDC MOTOR	BLDC_CTRL_1	P5-3 BLDC CONT
P-04	GRAY	PGT	BLOWER_1	GND BLDC MOTOR	BLDC_CTRL_1	P5-2 BLDC CONT
P-05	YELLOW	PGT	BLOWER_1	PWR BLDC MOTOR	BLDC_CTRL_1	P5-1 BLDC CONT
P-06	RED	PGT	BLOWER_1	RD BLDC MOTOR	BLDC_CTRL_1	P6-3 BLDC CONT
P-07	BLACK	PGT	BLOWER_1	BK BLDC MOTOR	BLDC_CTRL_1	P6-2 BLDC CONT
P-08	VIOLET	PGT	BLOWER_1	GRN BLDC MOTOR	BLDC_CTRL_1	P6-1 BLDC CONT
P-09	WHITE	PGT	CONVERTER_1	V- 1	BLOWER_1	TC1 BLDC MOTOR
P-10	WHITE	PGT	INLINE_CONNECTORS_14	Port_1.2	BLOWER_1	TC2 BLDC MOTOR
P-11	YELLOW	PGT	TC_1_CAVITY	1	RELAY_BOARD	J36-1.TC1_Y_BOT
P-12	RED	PGT	TC_1_CAVITY	2	RELAY_BOARD	J36-2.TC1_R_BOT
P-13	BLACK	PGT	RELAY_BOARD	J23.A1	MOTOR_OVNTN_1	A1
P-14	ORANGE	PGT	RELAY_BOARD	J23.A2	MOTOR_OVNTN_1	A2
P-15	YELLOW	PGT	RELAY_BOARD	J22.B1	MOTOR_OVNTN_1	B1
P-16	RED	PGT	RELAY_BOARD	J22.B2	MOTOR_OVNTN_1	B2
P-17	WHITE	PGT	LIGHT_BULB_1	Port_1.1	INLINE_CONNECTORS_34	Port_1.5
P-18	WHITE	PGT	LIGHT_BULB_1	Port_1	INLINE_CONNECTORS_33	Port_1.5
S-01	GREEN	PGT	G	NA	GROUND_1	GRD
S-02	WHITE	PGT	L1	NA	WAGO_TB_2P_3	1
S-03	BLACK	PGT	L1	NA	WAGO_TB_2P_1	1
S-04	RED	PGT	L3	NA	WAGO_TB_2P_2	1
W-01	BLACK	14	RELAY_DPST_4	2A	HEATER-BOTTOM	2
W-02	BLACK	14	RELAY_DPST_4	1A	HEATER-TOP	1
W-03	WHITE	14	HEATER-BOTTOM	1	RELAY_DPST_3	2
W-04	WHITE	14	HEATER-TOP	2	RELAY_DPST_3	1
W-05	RED	22	BLDC_CTRL_1	P4-1 BLDC CONT	RELAY_SPST_2	NO
W-06	BLACK	22	CONVERTER_1	V- 1	BLDC_CTRL_1	P4-2 BLDC CONT
W-07	BLACK	12	MCB2_15A	2	WAGO_TB_3P_12	1
W-08	WHITE	12	MCB1_15A	2	WAGO_TB_3P_11	1

NOTE: TOTAL BOM COUNT WILL BE DOUBLED
TO ACCOUNT FOR SECOND CAVITY

BILL OF MATERIALS

ITEM NUMBER	QTY
02.15.073.00	3
02.18.629.00	1
02.18.654.00	1
02.18.669.00	1
02.18.670.00	1
02.18.813.00	2
02.18.814.00	1
02.18.857.00	2
02.18.944.00	2
02.18.952.00	2
02.18.953.00	2
02.18.954.00	1
02.18.955.00	1
02.18.956.00	1
02.18.957.00	1
02.18.960.00	1
02.18.961.00	1
02.18.962.00	1
02.18.963.00	1
02.18.969.00	1
02.18.971.00	1
02.18.973.00	1
02.18.995.00	1
02.18.996.00	1
02.18.1149.00	1
02.18.1241.00	1
02.18.1305.00	2
02.18.1482.00	1
CORD G	1
CORD L1	1
CORD L2	1
CORD L3	1

DIAGRAM KEY

CODE	ITEM NUMBER
H-01	02.18.971.00
H-02	02.18.857.00
H-03	02.18.955.00
H-04	02.18.956.00
H-05	02.18.1305.00
H-06	02.18.629.00
H-07	02.18.813.00
H-08	02.18.814.00
H-09	02.18.1305.00
H-10	02.18.1241.00
H-11	02.18.654.00
H-12	02.18.962.00
H-13	02.18.963.00
H-14	02.18.944.00
H-15	02.18.813.00
H-16	02.18.957.00
H-17	02.18.961.00
H-18	02.18.944.00
H-19	02.18.1149.00
H-22	02.18.960.00
H-23	02.18.996.00
H-24	02.18.857.00
H-25	02.18.973.00
H-27	02.18.954.00
H-73	02.18.1482.00
J-01	02.15.073.00
J-02	02.15.073.00

DIAGRAM KEY

CODE	ITEM NUMBER
J-03	02.15.073.00
W-01	02.18.953.00
W-02	02.18.953.00
W-03	02.18.952.00
W-04	02.18.952.00
W-05	02.18.969.00
W-06	02.18.995.00
W-07	02.18.669.00
W-08	02.18.670.00

RELEASE AND REVISION HISTORY				CK:		WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE). PGT=PIGTAIL LEADS			
REV	DESCRIPTION	DATE	ENG	RB		UNLESS OTHERWISE SPECIFIED DIM'S ARE IN INCHES			
1	RELEASED ECO.#30730	4-3-19	TJD	WJS		HATCO CORP., MILWAUKEE, WI			
7	SWAP H-06 ECO.# 50697	1-19-24	AUG	WEM					
8	J11 CORRECTION, ECO.#51076	2-4-24	TTH	WEM		DESCRIPTION OVENTION SCHEMATIC, MIL02-16-G2, 3PH			
-	-	-	-	-	-	THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.			
-	-	-	-	-	-	PART NUMBER N/A		DRAWING NUMBER 10-01-1530	
-	-	-	-	-	-	Released		PROJ: 737702	
-	-	-	-	-	-	SCALE: N/A		SHEET 2 OF 2	