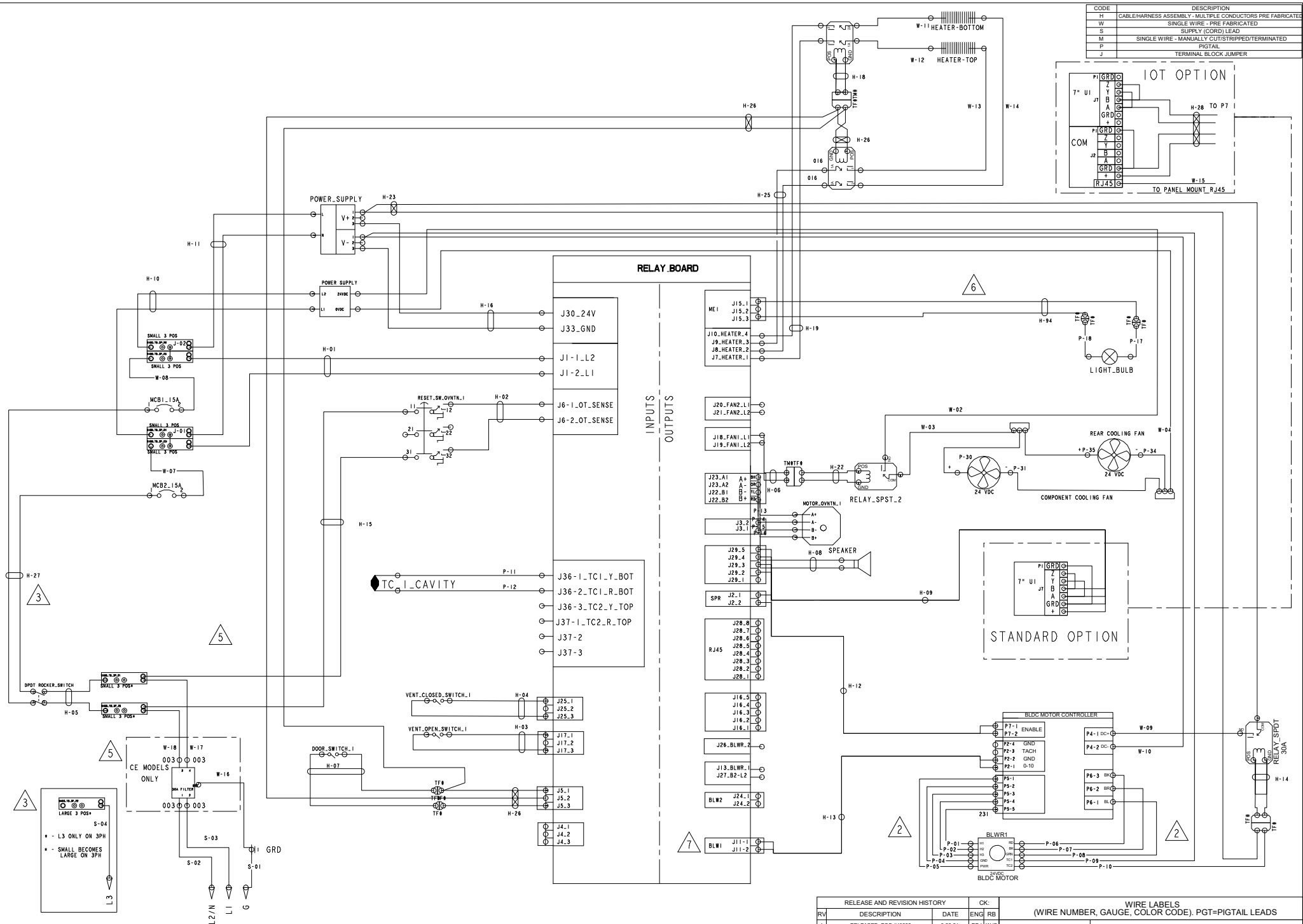
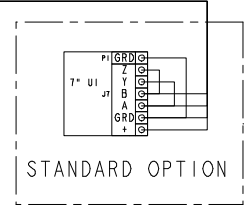
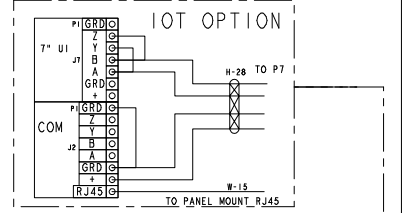




CODE	DESCRIPTION
H	CABLE/HARNESS ASSEMBLY - MULTIPLE CONDUCTORS PRE FABRICATED
W	SINGLE WIRE - PRE FABRICATED
S	SUPPLY (CORD) LEAD
M	SINGLE WIRE - MANUALLY CUT/STRIPPED/TERMINATED
P	PIGTAIL
J	TERMINAL BLOCK JUMPER



MODEL DESIGNATION & ELECTRICAL RATINGS						
MODEL	VOLTS	AMPERES	HZ	PHASE	APPROVAL	PLUG
MILO-16	208-240	22/25	60	1	UL	NEMA 6-30P
MILO-16	208-240	22/25	60	3	UL	NEMA 15-50P
MILO-16	230	24	50	1	TBD	IEC 60320-2F+PE 32A

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 #40865	6-28-21	RDJ	WJS	HATCO CORP., MILWAUKEE, WI				
2	REMOVED BLOWER EXT., ECO #41019	7-8-21	TJD	WJS					
3	BREAKER WAS GFCL 1149 WAS 665/669	-	-	-	DESCRIPTION OVENTION SCHEMATIC,MILO-16				
-	REM (2) 016, H44455 WERE 655, ECO #41183	9-16-21	TJD	WJS					
4	FIX MISC ISSUES, ECO #41790	11-30-21	NJM	WJS	THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.				
5	REMOVE BREAKER, CORRECT HEATERS, ECO #44899	2-8-23	TJD	WEM					
6	REMOVE RELAY, CHANGE H25, ECO #48024	9-20-23	AJG	WEM					
7	J11 CORRECTION, ECO #51076	2-4-24	TTH	WEM					
Released					SCALE: N/A	PROJ: 737702	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_23	3	RELAY_BOARD	J1-2.L1
H-01.2	WHITE	18	WAGO_TB_3P_25	3	RELAY_BOARD	J1-1.L2
H-02.1	BLACK	14	RESET_SW_OVNTN_1	32	RELAY_BOARD	J6-2.OT_SENSE
H-02.2	BLUE	14	RESET_SW_OVNTN_1	12	RELAY_BOARD	J6-1.OT_SENSE
H-03.1	YELLOW	22	RELAY_BOARD	J17.1	VENT_OPEN_SWITCH_1	2/2VOS
H-03.2	WHITE	22	VENT_OPEN_SWITCH_1	1/2VOS	RELAY_BOARD	J17.3
H-04.1	ORANGE	22	RELAY_BOARD	J25.1	VENT_CLOSED_SWITCH_1	2/2VCS
H-04.2	WHITE	22	VENT_CLOSED_SWITCH_1	1/2VCS	RELAY_BOARD	J25.3
H-05.1	WHITE	18	WAGO_TB_3P_20	1	ROCKER_SWITCH_1	Port_1.1
H-05.2	BLACK	18	WAGO_TB_3P_21	1	ROCKER_SWITCH_1	Port_1
H-06.1	BLACK	22	RELAY_BOARD	J18.FANI.L1	INLINE_CONNECTORS_45	1/2M
H-06.2	WHITE	22	RELAY_BOARD	J19.FANI.L2	INLINE_CONNECTORS_45	2/2M
H-07.1	BLUE	22	DOOR_SWITCH_1	1/2DS	INLINE_CONNECTORS_29	1/1M
H-07.2	WHITE	22	INLINE_CONNECTORS_13	1/1M	DOOR_SWITCH_1	2/2DS
H-08.1	BLUE	22	RELAY_BOARD	J3.2	SPEAKER	2
H-08.2	BROWN	22	RELAY_BOARD	J3.1	SPEAKER	
H-09.1	GRAY	22	RELAY_BOARD	J29.5	INTERFACE_0700_5005_1	J7.1
H-09.2	BROWN	22	RELAY_BOARD	J29.4	NC	
H-09.3	ORANGE	22	RELAY_BOARD	J29.3	NC	
H-09.4	YELLOW	22	RELAY_BOARD	J29.2	NC	
H-09.5	ORANGE	22	INTERFACE_0700_5005_1	J7.4	INTERFACE_0700_5005_1	J7.6
H-09.6	YELLOW	22	INTERFACE_0700_5005_1	J7.3	INTERFACE_0700_5005_1	J7.5
H-09.7	BLACK	22	INTERFACE_0700_5005_1	P1	INTERFACE_0700_5005_1	J7.2
H-10.1	BLACK	18	NC		CONVERTER_2	L1
H-10.2	WHITE	18	WAGO_TB_3P_26	1	CONVERTER_2	L2
H-11.1	WHITE	18	WAGO_TB_3P_26	3	CONVERTER_1	L
H-11.2	BLACK	18	WAGO_TB_3P_24	3	CONVERTER_1	N
H-12.1	RED	22	RELAY_BOARD	J2.1	BLDC_CTRL_1	P7-1 BLDC CONT
H-12.2	BLACK	22	RELAY_BOARD	J2.2	BLDC_CTRL_1	P7-2 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	INLINE_CONNECTORS_10	Port_1.2	RELAY_SPST_3	POS
H-14.2	BLACK	22	RELAY_SPST_3	GND	INLINE_CONNECTORS_10	Port_1.3
H-14.3	WHITE	22	RELAY_SPST_3	POS	RELAY_SPST_3	GND
H-15.1	BLACK	14	RESET_SW_OVNTN_1	31	WAGO_TB_3P_21	2
H-15.2	BLUE	14	RESET_SW_OVNTN_1	11	WAGO_TB_3P_20	2
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-18.1	RED	22	RELAY_DPST_6	POS	INLINE_CONNECTORS_7	2/2M
H-18.2	BLACK	22	RELAY_DPST_6	GND	INLINE_CONNECTORS_7	Port_1
H-18.3	WHITE	22	RELAY_DPST_6	POS	RELAY_DPST_6	GND
H-19.1	BLACK	14	RELAY_BOARD	J10.HEATER.4	RELAY_DPST_6	2
H-19.2	BLUE	14	RELAY_BOARD	J7.HEATER.1	RELAY_DPST_6	1
H-22.1	BLACK	22	RELAY_SPST_2	POS	INLINE_CONNECTORS_39	Port_1.2
H-22.2	WHITE	22	RELAY_SPST_2	GND	INLINE_CONNECTORS_39	Port_1.3
H-23.1	RED	18	CONVERTER_1	V+1	INLINE_CONNECTORS_14	Port_1.3
H-23.2	RED	18	CONVERTER_1	V+1	RELAY_SPST_3	COM
H-25.1	BLACK	14	RELAY_BOARD	J9.HEATER.3	RELAY_DPST_4	1A
H-25.2	BLUE	14	RELAY_BOARD	J8.HEATER.2	RELAY_DPST_4	2A
H-26.1	WHITE	22	INLINE_CONNECTORS_8	2	RELAY_DPST_4	GND
H-26.2	RED	22	INLINE_CONNECTORS_12	1/1M	INLINE_CONNECTORS_8	2
H-26.3	BLUE	22	INLINE_CONNECTORS_8	3	RELAY_DPST_4	POS
H-26.4	WHITE	22	INLINE_CONNECTORS_8	3	RELAY_BOARD	J5.2
H-26.5	WHITE	22	RELAY_BOARD	J5.1	INLINE_CONNECTORS_12	1/1M
H-26.6	RED	22	RELAY_BOARD	J5.3	INLINE_CONNECTORS_28	1/1M
H-27.1	WHITE	18	ROCKER_SWITCH_1	Port_1.2	MCB2_15A	1
H-27.2	BLACK	18	ROCKER_SWITCH_1	Port_1.3	MCB2_15A	1
H-28.1	RED	22	NC		INTERFACE_0700_5005_2	J2.1
H-28.2	BLACK	22	NC		INTERFACE_0700_5005_2	J2.2
H-28.3	YELLOW	22	NC		INTERFACE_0700_5005_3	J7.4
H-28.4	BLUE	22	NC		INTERFACE_0700_5005_3	J7.3
H-28.5	YELLOW	22	INTERFACE_0700_5005_3	J7.4	INTERFACE_0700_5005_3	J7.6
H-28.6	BLUE	22	INTERFACE_0700_5005_3	J7.3	INTERFACE_0700_5005_3	J7.5
H-28.7	BLACK	22	INTERFACE_0700_5005_2	COM P1	INTERFACE_0700_5005_2	J2.2
H-94.1	BLACK	22	RELAY_BOARD	J15.1	INLINE_CONNECTORS_35	Port_1.5
H-94.2	RED	22	RELAY_BOARD	J15.3	INLINE_CONNECTORS_32	Port_1.5
J-01	GRAY	JUMPER	WAGO_TB_3P_24	5	WAGO_TB_3P_23	5
J-02	GRAY	JUMPER	WAGO_TB_3P_26	5	WAGO_TB_3P_25	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
P-30	RED	PGT	INLINE_CONNECTORS_43	12	NC	
P-31	BLACK	PGT	FAN_OVNTN_1	-	INLINE_CONNECTORS_44	11
P-34	BLACK	PGT	FAN_OVNTN_3	-	INLINE_CONNECTORS_44	12
P-35	RED	PGT	INLINE_CONNECTORS_43	11	FAN_OVNTN_3	+
S-01	GREEN	PGT	G	NA	GROUND_1	GRD
S-02	WHITE	PGT	L2/N	NA	30A_FILTER_1	1
S-03	BLACK	PGT	L1	NA	30A_FILTER_1	2
S-04	RED	PGT	L3	NA	WAGO_TB_3P_22	3
W-02	ORANGE	18	RELAY_SPST_2	NO	CONVERTER_2	24VDC

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BILL OF MATERIALS

ITEM NUMBER	QTY
02.15.074.00	2
02.18.629.00	1
02.18.655.00	1
02.18.669.00	2
02.18.670.00	2
02.18.736.00	2
02.18.813.00	1
02.18.814.00	1
02.18.857.00	1
02.18.910.00	1
02.18.944.00	2
02.18.952.00	4
02.18.954.00	1
02.18.955.00	1
02.18.956.00	1
02.18.957.00	1
02.18.962.00	1
02.18.963.00	1
02.18.969.00	1
02.18.973.00	1
02.18.995.00	1
02.18.996.00	1
02.18.1040.00	2
02.18.1042.00	1
02.18.1043.00	1
02.18.1149.00	2
02.18.1241.00	1
02.18.1275.00	1
02.18.1305.00	2
02.18.1442.00	1
02.18.1482.00	1
CORD G	1
CORD L1	1
CORD L2	1
CORD L3	1

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ADDITIONAL BOM PARTS: 5
ITEM NUMBER QTY
02.14.003.00 4

DIAGRAM KEY

CODE	ITEM NUMBER
H-01	02.18.736.00
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	02.18.954.00
H-08	02.18.814.00
H-09	02.18.1241.00
H-10	02.18.736.00
H-11	02.18.655.00
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-18	02.18.944.00
H-19	02.18.1149.00
H-22	02.18.1043.00
H-23	02.18.996.00
H-25	02.18.1149.00
H-26	02.18.973.00
H-27	02.18.1305.00
H-28	02.18.1442.00
H-94	02.18.1482.00
J-01	02.15.074.00
J-02	02.15.074.00

DIAGRAM KEY

CODE	ITEM NUMBER
W-02	02.18.1040.00
W-03	02.18.1040.00
W-04	02.18.1042.00
W-07	02.18.669.00
W-08	02.18.670.00
W-09	02.18.969.00
W-10	02.18.995.00
W-11	02.18.952.00
W-12	02.18.952.00
W-13	02.18.952.00
W-14	02.18.952.00
W-15	02.18.910.00
W-16	02.18.1275.00
W-17	02.18.669.00
W-18	02.18.670.00

RELEASE AND REVISION HISTORY				CK:				WIRE LABELS			
RV	DESCRIPTION	DATE	ENG	RB	(WIRE NUMBER, GAUGE, COLOR CODE). PGT=PIGTAIL LEADS						
1	RELEASED, ECO#40865	6-28-21	RDJ	WJS	UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES				HATCO CORP., MILWAUKEE, WI		
2	REMOVED BLOWER EXT. ECO#41019	7-8-21	TJD	WJS							
3	BREAKER WAS GFCL 1149 WAS 665/669	-	-	-							
-	REM (2) 016, H44855 WERE 655, ECO#41183	9-16-21	TJD	WJS							
4	FIX MISC ISSUES, ECO#41790	11-30-21	NAM	WJS							
5	REMOVE BREAKER, CORRECT HEATERS, ECO#44909	2-8-23	TJD	WEM	THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.						
6	REMOVE RELAY, CHANGE HDS, ECO#49024	9-20-23	AJG	WEM							
7	J11 CORRECTION, ECO#50108	2-4-24	TTH	WEM	Released				SCALE: N/A	PROJ: 737702	SHEET 2 OF 2