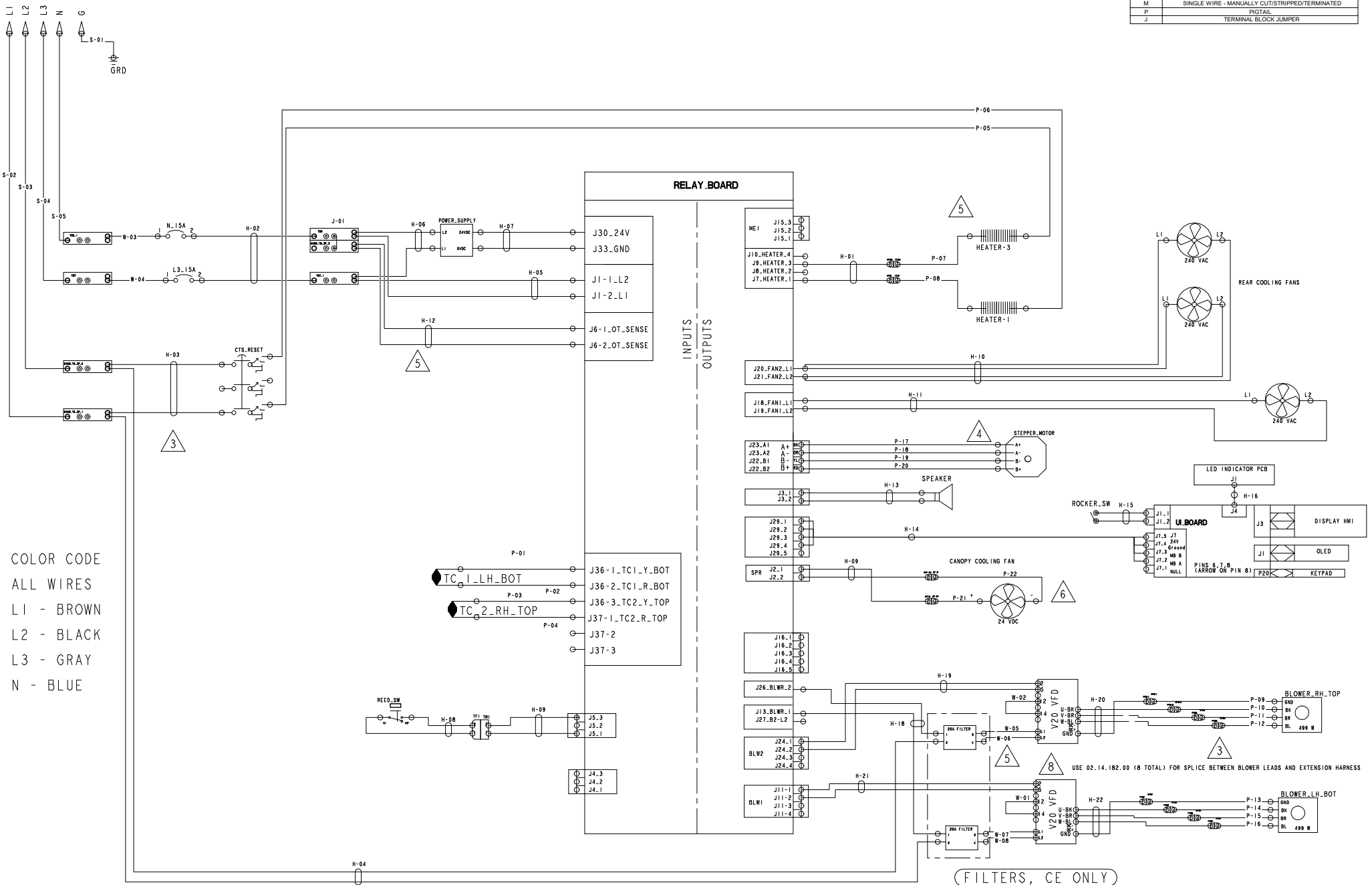


CODE	DESCRIPTION
W	CABLE/HARNESS ASSEMBLY - MULTIPLE CONDUCTORS PRE FABRICATED
W	SINGLE WIRE - PRE FABRICATED
S	SUPPLY (CORD) LEAD
M	SINGLE WIRE - MANUALLY CUT/STRIPPED/TERMINATED
P	PIGTAIL
J	TERMINAL BLOCK JUMPER



COLOR CODE
ALL WIRES
L1 - BROWN
L2 - BLACK
L3 - GRAY
N - BLUE

VAC:	WATTS:	AMPS:	WIRES:	PHASE:	FREQUENCY
220/380 WYE	5797	12.9	3P+N+PE	3	50/60
230/400 WYE	6326	13.5	3P+N+PE	3	50/60
240/415 WYE	6879	14.1	3P+N+PE	3	50/60

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.#26305	12-29-15	JPV	WEM				
2	CORRECTED SUPPLY COLOR/AVG.ECO.#26487	2-9-16	NJM	WEM				
3	HEATER MOD/ADDED TERM. NOTE.ECO.#27534	11-29-16	TJD	WEM				
4	REMOVED STEPPER HARNESS.ECO.#27785	1-18-17	NJM	WEM				
5	ADJUST HEATER EXTENSION/ENG WIRE UPDATES.ECO.#28005	9-14-17	NJM	WEM				
6	60MM FAN UPDATE, ECO.#29319	2-13-18	NJM	JMN				
7	H-13 WAS Q2.18.559.00, ECO.#30078	9-20-18	NJM	JMN				
8	SWITCH TO V20, ECO.#40762	6-3-21	TJD	WJS				
					THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.			
					Released			
					HATCO CORP., MILWAUKEE, WI			
					DESCRIPTION OVENTION SCHEMATIC.M360-12.3PH.EXPORT.WYE			
					PART NUMBER N/A		DRAWING NUMBER 10-01-1274	
					SCALE:N/A		REV 8	
					PROJECT: 726104		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	PIG TAIL
J	TERMINAL BLOCK JUMPER

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
H-01_1	YELLOW	14	MF03	1	RELAY_BOARD	J9_HEATER_3
H-01_2	BLUE	14	*Wire has too few ports*	1	*Wire has too few ports*	
H-01_3	RED	14	MF01	1	RELAY_BOARD	J7_HEATER_1
H-02_1	BLACK	14	L3_15A	2	TB7_1	1
H-02_2	BLUE	14	N_15A	2	TB6	1
H-03_1	BLACK	14	WAGO_TB_3P_2	2	CTS_RESET	11
H-03_2	BLUE	14	WAGO_TB_3P_1	2	CTS_RESET	31
H-04_1	BLACK	18	WAGO_TB_3P_2	3	20A_FILTER_2	2
H-04_2	WHITE	18	WAGO_TB_3P_1	3	20A_FILTER_1	2
H-05_1	BLACK	18	TB7_1	3	RELAY_BOARD	J1-1_L2
H-05_2	WHITE	18	TB6	3	RELAY_BOARD	J1-2_L1
H-06_1	BLACK	18	TB7_1	2	POWER_SUPPLY	2
H-06_2	WHITE	18	TB6	2	POWER_SUPPLY	1
H-07_1	BLACK	22	POWER_SUPPLY	4	RELAY_BOARD	J33_GND
H-07_2	RED	22	POWER_SUPPLY	3	RELAY_BOARD	J30_24V
H-08_1	BLACK	24	TF1	2	REED_SW	2
H-08_2	BLACK	24	TF1	1	REED_SW	1
H-09_1	RED	22	RELAY_BOARD	J5_3	TM1	2
H-09_2	BLACK	22	RELAY_BOARD	J5_1	TM1	1
H-09_3	YELLOW	22	RELAY_BOARD	J2_3	CF0	1
H-09_4	BROWN	22	RELAY_BOARD	J2_2	CFE-24	1
H-10_1	BLACK	22	REAR_FAN_RH	1	RELAY_BOARD	J20_FAN2_L1
H-10_2	BLACK	22	RELAY_BOARD	J20_FAN2_L1	REAR_FAN_LH	
H-10_3	WHITE	22	RELAY_BOARD	J21_FAN2_L2	REAR_FAN_LH	2
H-10_4	WHITE	22	RELAY_BOARD	J21_FAN2_L2	REAR_FAN_RH	2
H-11_1	BLACK	22	RELAY_BOARD	J18_FAN1_L1	FRONT_FAN	1
H-11_2	WHITE	22	RELAY_BOARD	J19_FAN1_L2	FRONT_FAN	2
H-12_1	BLACK	14	RELAY_BOARD	J6-1_OT_SENSE	WAGO_TB_3P_3	2
H-12_2	BLUE	14	WAGO_TB_3P_3	3	RELAY_BOARD	J6-2_OT_SENSE
H-13_1	BLUE	22	RELAY_BOARD	J3_1	SPEAKER	2
H-13_2	BROWN	22	RELAY_BOARD	J3_2	SPEAKER	1
H-14_1	ORANGE	22	RELAY_BOARD	J29_1	U1_BOARD	5
H-14_2	YELLOW	22	RELAY_BOARD	J29_2	U1_BOARD	4
H-14_3	BROWN	22	RELAY_BOARD	J29_3	U1_BOARD	3
H-14_4	GRAY	22	RELAY_BOARD	J29_4	U1_BOARD	2
H-15_1	BLACK	22	ROCKER_SW	1	U1_BOARD	J1_1
H-15_2	WHITE	22	ROCKER_SW	2	U1_BOARD	J1_2
H-16_1	RIBBON	28	LED_PC8	1	U1_BOARD	J4
H-18_1	BLACK	18	RELAY_BOARD	J13_BLWR_1	20A_FILTER_1	1
H-18_2	WHITE	18	*Wire has too few ports*		*Wire has too few ports*	
H-18_3	BLACK	18	*Wire has too few ports*		*Wire has too few ports*	
H-18_4	WHITE	18	RELAY_BOARD	J26_BLWR_2	20A_FILTER_2	1
H-19_1	BLUE	22	RELAY_BOARD	J24_2	MOTOR_CTRL_OVNTN_1	C5
H-19_2	GRAY	22	RELAY_BOARD	J24_1	MOTOR_CTRL_OVNTN_1	C2
H-20_1	GREEN	18	MOTOR_CTRL_OVNTN_1	GND-GR	FF011	1
H-20_2	BLUE	18	MOTOR_CTRL_OVNTN_1	U-BK	FF010	1
H-20_3	BLACK	18	MOTOR_CTRL_OVNTN_1	V-BR	FF09	1
H-20_4	BROWN	18	MOTOR_CTRL_OVNTN_1	W-BL	FF08	1
H-21_1	BLUE	22	RELAY_BOARD	J11-2	MOTOR_CTRL_OVNTN_2	C5
H-21_2	GRAY	22	RELAY_BOARD	J11-1	MOTOR_CTRL_OVNTN_2	C2
H-22_1	GREEN	18	MOTOR_CTRL_OVNTN_2	GND-GR	FF07	1
H-22_2	BLUE	18	MOTOR_CTRL_OVNTN_2	U-BK	FF06	1
H-22_3	BLACK	18	MOTOR_CTRL_OVNTN_2	V-BR	FF05	1
H-22_4	BROWN	18	MOTOR_CTRL_OVNTN_2	W-BL	FF04	1
J-01	GRAY	JUMPER	WAGO_TB_3P_3	5	TB6	5
P-01	BROWN	PGT	TC_1_LH_BOT	1	RELAY_BOARD	J36-1_TC1_Y_BOT
P-02	BROWN	PGT	TC_1_LH_BOT	2	RELAY_BOARD	J36-2_TC1_R_BOT
P-03	BROWN	PGT	TC_2_RH_TOP	1	RELAY_BOARD	J36-3_TC2_Y_TOP
P-04	BROWN	PGT	TC_2_RH_TOP	2	RELAY_BOARD	J37-1_TC2_R_TOP
P-05	WHITE W/ YELLOW	PGT	HEATER-3	1	CTS_RESET	32
P-06	WHITE W/ BLUE	PGT	CTS_RESET	12	HEATER-1	2
P-07	WHITE W/ BLUE	PGT	FF03	1	HEATER-3	2
P-08	WHITE W/ YELLOW	PGT	FF01	1	HEATER-1	1
P-09	VARIES	PGT	MF011	1	BLOWER_RH_TOP	4
P-10	VARIES	PGT	MF010	1	BLOWER_RH_TOP	1
P-11	VARIES	PGT	MF09	1	BLOWER_RH_TOP	2
P-12	VARIES	PGT	MF08	1	BLOWER_RH_TOP	3
P-13	VARIES	PGT	MF07	1	BLOWER_LH_BOT	4
P-14	VARIES	PGT	MF06	1	BLOWER_LH_BOT	1
P-15	VARIES	PGT	MF05	1	BLOWER_LH_BOT	2
P-16	VARIES	PGT	MF04	1	BLOWER_LH_BOT	3
P-17	BLACK	PGT	STEPPER_MOTOR	A1	RELAY_BOARD	J23_A1
P-18	ORANGE	PGT	STEPPER_MOTOR	A2	RELAY_BOARD	J23_A2
P-19	YELLOW	PGT	STEPPER_MOTOR	B1	RELAY_BOARD	J22_B1
P-20	RED	PGT	STEPPER_MOTOR	B2	RELAY_BOARD	J22_B2
P-21	BLACK	PGT	DC_CANOPY_FAN	1	DF-24	1

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
P-22	RED	PGT	DC_CANOPY_FAN	2	DF-0	
S-01	WHITE	PGT	G	1	GROUND_1	GRD
S-02	WHITE	PGT	L1	1	WAGO_TB_3P_1	1
S-03	WHITE	PGT	L2	1	WAGO_TB_3P_2	1
S-04	WHITE	PGT	L3	1	TB7	1
S-05	WHITE	PGT	N	1	TB6_1	1
W-01	BLACK	22	MOTOR_CTRL_OVNTN_2	C14	MOTOR_CTRL_OVNTN_2	C12
W-02	BLACK	22	MOTOR_CTRL_OVNTN_1	C14	MOTOR_CTRL_OVNTN_1	C12
W-03	BLACK	12	TB6_1	2	N_15A	1
W-04	BLACK	12	TB7	3	L3_15A	1
W-05	WHITE	12	20A_FILTER_2	3	MOTOR_CTRL_OVNTN_1	CL1
W-06	BLACK	12	20A_FILTER_2	4	MOTOR_CTRL_OVNTN_1	CL2
W-07	WHITE	12	20A_FILTER_1	3	MOTOR_CTRL_OVNTN_2	CL1
W-08	BLACK	12	20A_FILTER_1	4	MOTOR_CTRL_OVNTN_2	CL2

DIAGRAM KEY

CODE	ITEM NUMBER
H-01	02.18.742.00
H-02	02.18.734.00
H-03	02.18.657.00
H-04	02.18.735.00
H-05	02.18.736.00
H-06	02.18.736.00
H-07	02.18.737.00
H-08	02.18.561.00
H-09	02.18.739.00
H-10	02.18.740.00
H-11	02.18.741.00
H-12	02.18.658.00
H-13	02.18.814.00
H-14	02.18.745.00
H-15	02.18.634.00
H-16	02.18.755.00
H-18	02.18.744.00
H-19	02.18.631.00
H-20	02.18.743.00
H-21	02.18.631.00
H-22	02.18.743.00
J-01	02.15.074.00
W-01	02.18.662.00
W-02	02.18.662.00
W-03	02.18.669.00
W-04	02.18.669.00
W-05	02.18.670.00
W-06	02.18.669.00
W-07	02.18.670.00
W-08	02.18.669.00

BILL OF MATERIALS

ITEM NUMBER	Total
02.15.074.00	1
02.18.561.00	1
02.18.631.00	2
02.18.634.00	1
02.18.657.00	1
02.18.658.00	1
02.18.662.00	2
02.18.669.00	4
02.18.670.00	2
02.18.734.00	1
02.18.735.00	1
02.18.736.00	2
02.18.737.00	1
02.18.739.00	1
02.18.740.00	1
02.18.741.00	1
02.18.743.00	2
02.18.744.00	1
02.18.745.00	1
02.18.755.00	1
02.18.814.00	1

VAC: WATTS: AMPS: WIRES: PHASE: FREQUENCY
220/380 WYE 5797 12.9 3P+N+PE 3 50/60
230/400 WYE 6326 13.5 3P+N+PE 3 50/60
240/415 WYE 6879 14.1 3P+N+PE 3 50/60

RELEASE AND REVISION HISTORY				CK:		WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE). PGT=PIGTAIL LEADS			
RV	DESCRIPTION	DATE	ENG	RB		HATCO CORP., MILWAUKEE, WI			
1	RELEASED ECO.#26305	12-29-15	JPV	WEM	UNLESS OTHERWISE SPECIFIED DIM'S ARE IN INCHES	HATCO CORP., MILWAUKEE, WI			
2	CORRECTED SUPPLY COLOR(AWG/ECO.#26487	2-9-16	NJM	WEM					
3	HEATER MODADDED TERM. NOTE ECO.#27534	11-29-16	TJD	WEM		DESCRIPTION OVENTION SCHEMATIC M360-12.3PH.EXPORT.WYE			
4	REMOVED STEPPER HARNESS ECO.#27785	1-18-17	NJM	WEM					
5	ADJUST HEATER EXTENSION(MMC WIRE UPDATES ECO.#26905)	9-14-17	NJM	WEM	THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.	PART NUMBER N/A	DRAWING NUMBER 10-01-1274	REV 8	SHEET 2 OF 2
6	60MM FAN UPDATE, ECO.#29319	2-13-18	NJM	JMN					
7	H-13 WAS Q2 18.559.00, ECO.#50079	9-20-18	NJM	JMN					
8	SWITCH TO V20, ECO.#40702	6-3-21	TJD	WJS					
					Released	SCALE: N/A	PROJ: 706601		