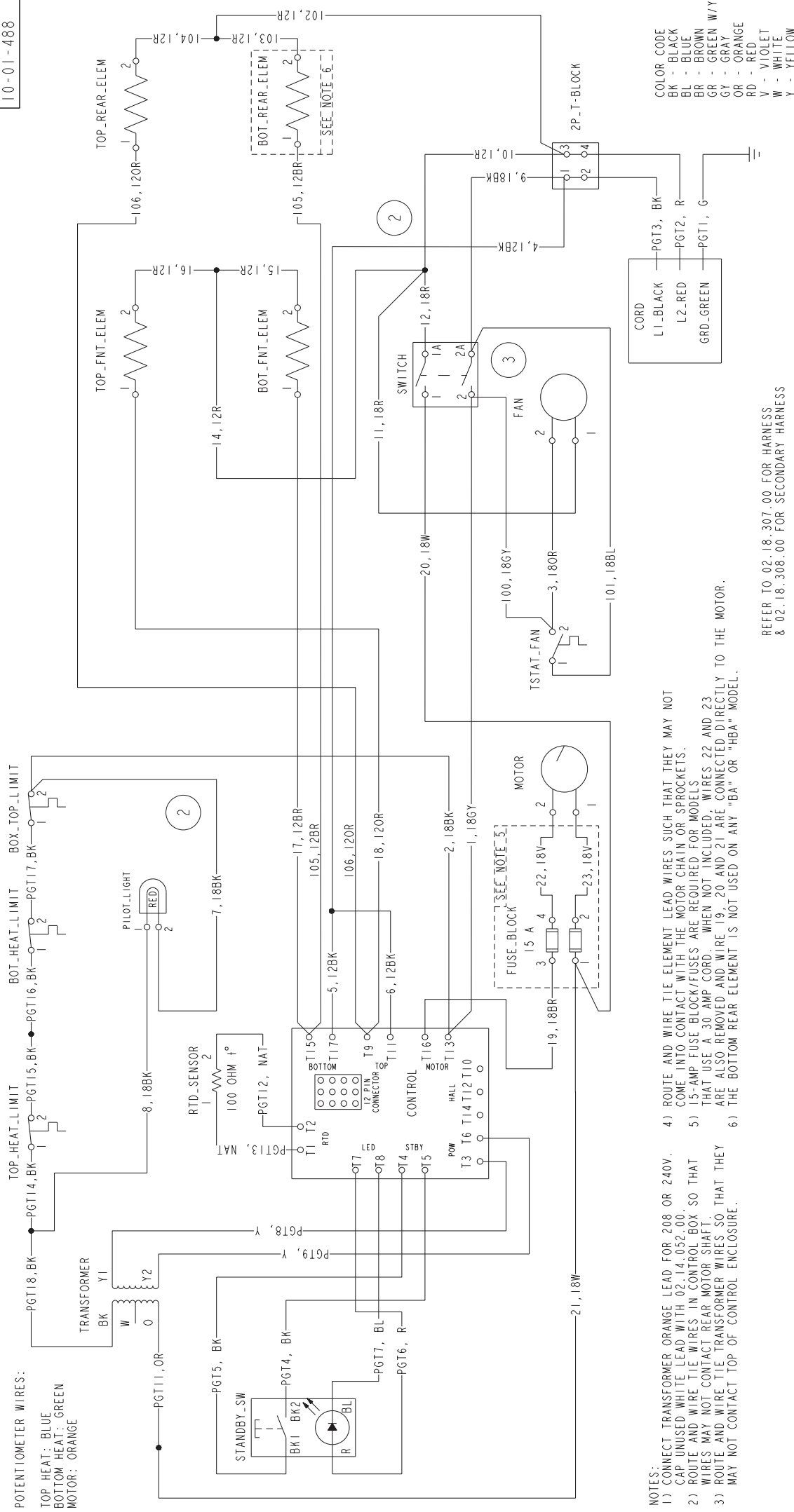




MODEL NO.	ELEMENT WATTS				UNIT RATING		
	FRONT TOP	REAR TOP	FRONT BOTTOM	REAR BOTTOM	WATTS	208V	240V
TO-800	750	900	750	900	3330	16.0	13.9
TO-800BA & TO-800HBA	1250	1250	750	NONE	3280	15.8	13.7
TO-800H	900	900	750	750	3330	16.0	13.9
TO-1200	900	1100	900	1100	4030	19.4	16.8
TO-1800	1050	1260	1050	1050	4440	21.4	18.5
TO-1800BA & TO-1800HBA	1750	1750	1050	NONE	4580	22.0	19.1
TO-1800H	1260	1260	1050	1050	4650	22.4	19.4

RELEASE AND REVISION HISTORY			CK:		WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE). W=WIRE, PGT=PIGTAIL LEADS	
RV	DESCRIPTION	DATE	ENG	RB		
1	RELEASED.ECO.#16364	5-17-06	BEW	JRM		
2	REVISED WIRING.ECO.#16634	8-30-06	BEW	JRM		
3	CHANGED COLOR FOR WIRES 1,3 & - 100.ECO.#16850	-			UNLESS OTHERWISE SPECIFIED DIMAS ARE IN INCHES TOL ON ANGLE $\pm 2.0^{\circ}$ 2 PL ± 0.02 3 PL ± 0.016	
4	CHANGED COLOR FOR WIRES 18, - 101 & 106.ECO.#17451	10-19-06	BEW	JRM	DESCRIPTION WIRING DIAGRAM,TQ2 FAMILY	
5	REMOVED TO-400'S.ECO.#17685	4-26-07	BEW	JRM	PART NUMBER N/A	DRAWING NUMBER 10-01-488
-	-	7-12-07	BEW	JRM	THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.	
					Released	
					SCALE:NA	PROJ: 937501
					SHEET 1 OF 3	

WIRE NAME	FROM		TO		SPOOL PART NO.	NOMINAL LENGTH
	COMPONENT	PIN	TERMINAL	COMPONENT	PIN	TERMINAL
22	FUSE-BLOCK	4	02.14.039.00	MOTOR	2	02.14.077.00 02-18-094-00
23	FUSE-BLOCK	2	02.14.039.00	MOTOR	1	02.14.077.00 02-18-094-00
PGT1	CORD	GRD-GREEN	NA	GROUND	GRD	NA PIGTAIL
PGT2	CORD	L2-RED	NA	2P_T-BLOCK	4	STRIP_3/8IN PIGTAIL
PGT3	CORD	L1-BLACK	NA	2P_T-BLOCK	2	STRIP_3/8IN PIGTAIL
PGT4	STANDBY_SW	BK2	NA	CONTROL	T5	02.14.039.00 PIGTAIL
PGT5	STANDBY_SW	BK1	NA	CONTROL	T4	02.14.039.00 PIGTAIL
PGT6	STANDBY_SW	R	NA	CONTROL	T7	02.14.039.00 PIGTAIL
PGT7	STANDBY_SW	BL	NA	CONTROL	T8	02.14.039.00 PIGTAIL
PGT8	TRANSFORMER	Y1	NA	CONTROL	T3	02.14.045.00 PIGTAIL
PGT9	TRANSFORMER	Y2	NA	CONTROL	T6	02.14.045.00 PIGTAIL
PGT11	TRANSFORMER	0	NA	WIRE_SPLICE_W-21	WN	STRIP_1/2IN PIGTAIL
PGT12	CONTROL	T2	NA	RTD-SENSOR	2	NA PIGTAIL
PGT13	RTD-SENSOR	I	NA	CONTROL	T1	NA PIGTAIL
PGT14	TOP-HEAT-LIMIT	I	STRIP_1/2IN	02.14.052.00-I	WN	STRIP_1/2IN PIGTAIL
PGT15	TOP-HEAT-LIMIT	2	STRIP_1/2IN	02.14.052.00-2	WN	STRIP_1/2IN PIGTAIL
PGT16	BOT-HEAT-LIMIT	I	STRIP_1/2IN	02.14.052.00-2	WN	STRIP_1/2IN PIGTAIL
PGT17	BOX_TOP-LIMIT	I	02.14.011.00	BOT-HEAT-LIMIT	2	STRIP_1/2IN PIGTAIL
PGT18	TRANSFORMER	BK	NA	02.14.052.00-I	WN	STRIP_1/2IN PIGTAIL

2

2

NOTES:
1) CAP UNUSED TRANSFORMER WIRE WITH 02.14.052.00
2) ON BA AND HBA MODELS, CUT AND SEPARATELY CAP UNUSED HARNESS WIRES (RD103 AND BR105) USING 2X 02.14.053.00

RELEASE AND REVISION HISTORY			CK:		WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE), W=WIRE, PGT=PIGTAIL LEADS	
RV	DESCRIPTION	DATE	ENG	RB		
1	RELEASED.ECO.#16364	5-17-06	BEW	JRM		
2	REVISED WIRING.ECO.#16634	8-30-06	BEW	JRM		
3	CHANGED COLOR FOR WIRES 1,3 &	-	-	-		
-	100.ECO.#16850	10-19-06	BEW	JRM		
4	CHANGED COLOR FOR WIRES 18,	-	-	-		
-	101 & 106.ECO.#17451	4-26-07	BEW	JRM		
5	REMOVED TO-400'S.ECO.#17685	7-12-07	BEW	JRM		
-	-	-	-	-		
Released					SCALE:NA	PROJ: 937501
						SHEET 2 OF 3

WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE), W=WIRE, PGT=PIGTAIL LEADS		HATCO CORP., MILWAUKEE, WI	
UNLESS OTHERWISE SPECIFIED DIM'S ARE IN INCHES TOL ON ANGLE $\pm 2.0^{\circ}$ 2 PL ± 0.02 3 PL ± 0.016		DESCRIPTION WIRING DIAGRAM, TQ2 FAMILY	
THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.		PART NUMBER N/A	REV 5

COLOR CODE
BK - BLACK
BL - BLUE
BR - BROWN
GR - GREEN
GY - GRAY
OR - ORANGE
RD - RED
V - VIOLET
W - WHITE
Y - YELLOW

[illegible]

REFER TO 02.18.307.00 FOR HARNESS
8 02.18.308.00 FOR SECONDARY HARNESS

