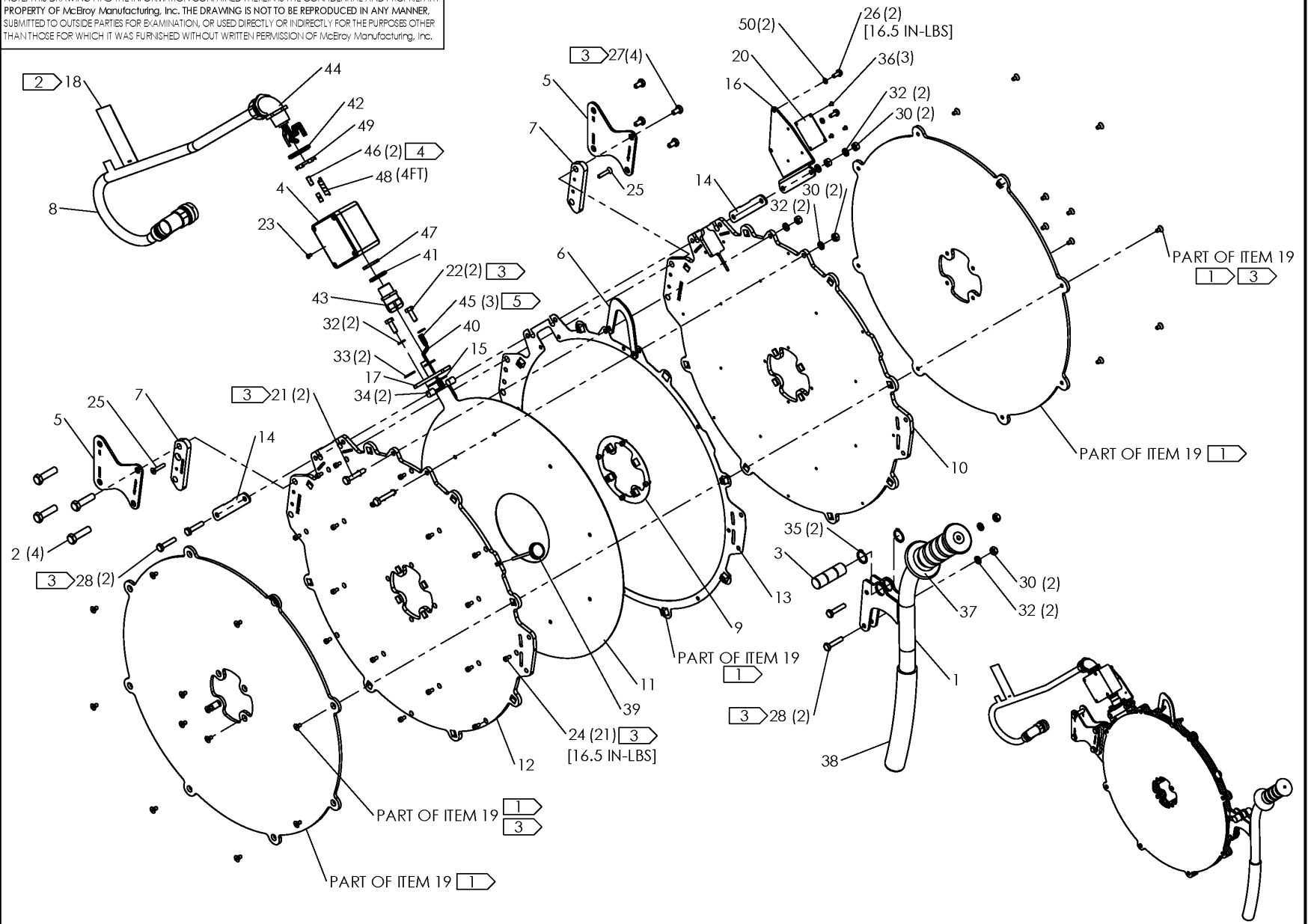


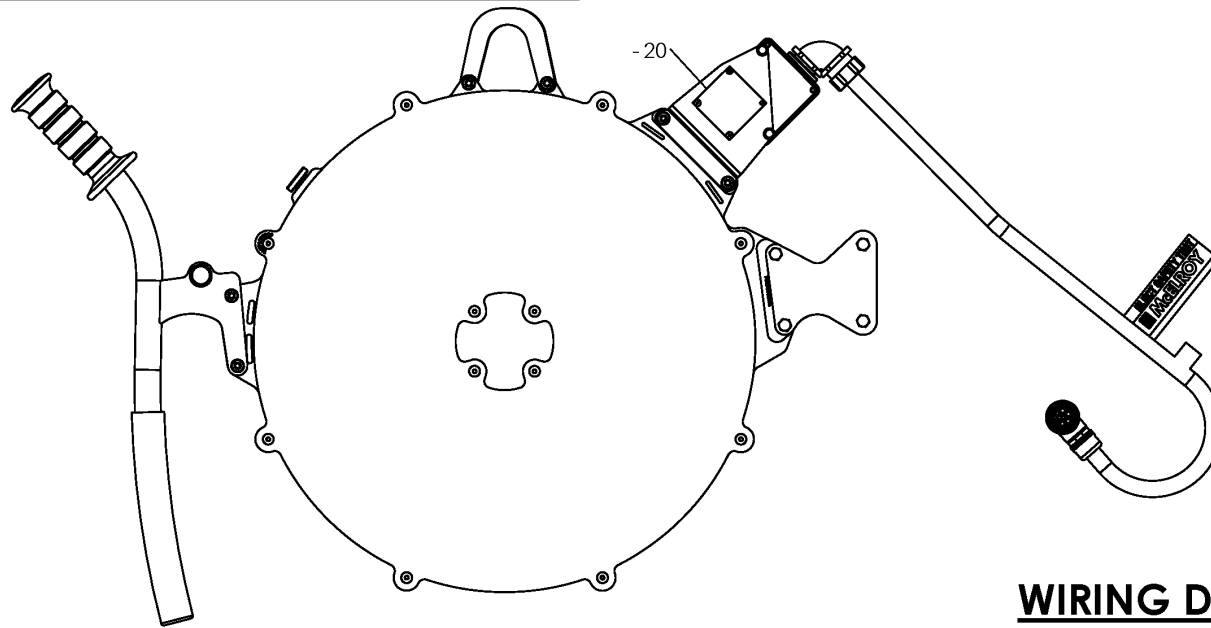
#618 HEATER ASSEMBLY 220-240V, 50/60Hz, 1 Ph

NOTE: THIS DRAWING AND THE INFORMATION CONTAINED THEREIN IS THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF McElroy Manufacturing, Inc. THE DRAWING IS NOT TO BE REPRODUCED IN ANY MANNER, SUBMITTED TO OUTSIDE PARTIES FOR EXAMINATION, OR USED DIRECTLY OR INDIRECTLY FOR THE PURPOSES OTHER THAN THOSE FOR WHICH IT WAS FURNISHED WITHOUT WRITTEN PERMISSION OF McElroy Manufacturing, Inc.

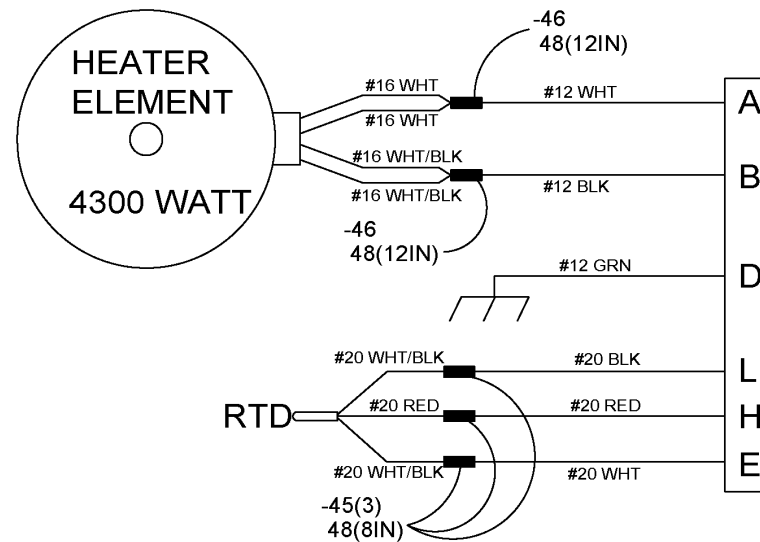


#618 HEATER ASSEMBLY 220-240V, 50/60Hz, 1Ph

NOTE: THIS DRAWING AND THE INFORMATION CONTAINED THEREIN IS THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF McElroy Manufacturing, Inc. THE DRAWING IS NOT TO BE REPRODUCED IN ANY MANNER, SUBMITTED TO OUTSIDE PARTIES FOR EXAMINATION, OR USED DIRECTLY OR INDIRECTLY FOR THE PURPOSES OTHER THAN THOSE FOR WHICH IT WAS FURNISHED WITHOUT WRITTEN PERMISSION OF McElroy Manufacturing, Inc.



WIRING DIAGRAM



NOTES:

1. ITEMS SOLD AS KIT: AT18P1015125.
2. HEATER SHALL PASS ALL ELECTRICAL SAFETY COMPLIANCE TESTS PER ES497 BEFORE INSTALLING ELECTRICAL SAFETY TEST LABELS.
3. INSTALL WITH HIGH TEMPERATURE ANTI-SEIZE COMPOUND.
4. CRIMP MLMP1100734 WITH MOLEX 64016-0038 USING 12-10 POCKET USE IPC-WHMA-A-620C MINIMUM PULL FORCE TEST OF 110 LBS.
5. CRIMP MLM00040 WITH MOLEX 64016-0038 USING 22-18 POCKET USE IPC-WHMA-A-620C MINIMUM PULL FORCE TEST OF 13 LBS.

McElroy Manufacturing Parts List

Part Number: T18P1097040 #618 220-240V, 50/60Hz, 1Ph Heater Assembly

Part Number T18P1097040 Component List

Item	Component	Description	Quantity	Unit	Price
1	T18P0985501	Heater Pull Handle Wld	1.0	EA	211.00
2	T18P1006875	412/618 Heater Shoulder Nut	4.0	EA	49.27
3	T18P1010794	Jaw Standoff	1.0	EA	38.04
4	T18P1015162	Heater Junction Box Mod (Effective to 2/23/26)	1.0	EA	126.00
4	T18P1101625	Heater Junction Box Mod	1.0	EA	125.43
5	T18P1015276	Splice Plate	2.0	EA	50.55
6	T18P1015319	Lifting Lug	1.0	EA	9.36
7	T18P1015954	Splice Plate Spacer	2.0	EA	115.00
8	T18P1023925	Heater Cable Assy	1.0	EA	406.00
9	T18P1089541	Heater Inner Dia Spacer	1.0	EA	9.96
10	T18P1095756	Tapped Heater Body	1.0	EA	836.00
11	T18P1095776	618 Heating Element	1.0	EA	973.00
12	T18P1095843	C'bored Heater Body	1.0	EA	836.00
13	T18P1096079	Heater Outer Dia Spacer	1.0	EA	59.68
14	T18P1096081	Spacer	2.0	EA	5.15
15	T18P1096300	Heater Plate Gasket	1.0	EA	1.75
16	T18P1096327	Heater Junction Box Back	1.0	EA	22.05
17	T18P1097281	Gasket Plate/tube Wld	1.0	EA	108.15
18	8163210	Electrical Safety Test Label	1.0	EA	0.00
19	AT18P1015125	618 Heater Butt Plate Kit	1.0	EA	976.00
20	N1T18P1097040	Nameplate	1.0	EA	0.00
21	MAH00045	1/4-20NCX1-1/2LG Hhcs SS	2.0	EA	0.00
22	MAB00003	1/4-20NCX3/4LG Hhcs	2.0	EA	0.31
23	MALP1018637	#6-32X1/4LG Pan Thrd Frmng Scr	1.0	EA	0.00
24	MAN00023	#8-32NCX5/16LG Shcs SS	21.0	EA	0.49
25	MAN00047	#10-24NCX1LG Fhscs SS	2.0	EA	0.49
26	MAN00125	#8-32NCX7/8LG Shcs SS (Effective to 2/23/26)	2.0	EA	0.41
26	MAL00016	#10-24NC X 1/2LG Hwh TF Screw	2.0	EA	0.49
27	MAN00097	1/4-20NCX1/2LG Hhcs SS	4.0	EA	0.30
28	MANP1023952	1/4-20NCX1-1/4LG Hhcs SS	4.0	EA	0.69
29	MBA00003	#8-32NC Hex Nut Stil PL (Effective to 2/23/26)	2.0	EA	0.32
30	MBA00061	1/4-20NC Fhsh Hex Nut 18-8 SS	6.0	EA	0.46
31	MBE00003	#8 Reg Splt Lck Washer Stil PL (Effective to 2/23/26)	2.0	EA	0.05
32	MBE00023	1/4 Reg Splt Lck Washer SS	8.0	EA	0.11
33	MBF00005	1/4 TY 'a' Wide FL Wshr Stil PL	2.0	EA	0.11
34	MBH00078	Dowel Nut	2.0	EA	1.81
35	MCB00094	3/4 ID Retaining Ring PL	2.0	EA	1.02
36	MCL00008	1/8X.063-.125 Dome HD Rivet SS	3.0	EA	0.00
37	MJJ00009	1" Black Gloss Hand Grip	1.0	EA	3.86
38	MJJP1015640	Cushioned Round Grip	1.0	EA	10.77
39	MJK00002	2.5LG,150-650DEG F Thermometer	1.0	EA	48.72
40	MKI00009	1X3/16 316SS 100OHM Dual Rtd	1.0	EA	115.00
41	MLJ00004	1/2 Seal Ring	1.0	EA	5.24
42	MLJ00005	3/4 Seal Ring	1.0	EA	5.67
43	MLK00007	Strain Relief Connector	1.0	EA	14.66
44	MLK00040	3/4 X 90DEG Strain Relief Conn	1.0	EA	57.83
45	MLM00040	18-22 Hi-temp Butt Splice	3.0	EA	1.04
46	MLM00180	10-12 Hi-temp Butt Splice (Effective to 2/11/26)	2.0	EA	3.05
46	MLMP1100734	12-10 Awg Wire Butt Splice	2.0	EA	0.00
47	MLN00100	1/2" Conduit Lock Nut	1.0	EA	1.03
48	MLN00219	Fiberglass Tape (per Ft)	4.0	FT	0.56
49	MLN00362	3/4" Elec Lock Nut	1.0	EA	1.27
50	MBE00004	#10 Reg Splt Lck Washer Stil PL	2.0	EA	0.10

McElroy Manufacturing Parts List

Part Number: T18P1097040 #618 220-240V, 50/60Hz, 1Ph Heater Assembly

Please visit <https://fusion.mcelroy.com/parts> to purchase parts or for more information.

McELROY