



**McElroy Manufacturing, Inc.**  
The leader by design.  
Tulsa, Oklahoma U.S.A.

|            |            |              |               |           |           |                   |
|------------|------------|--------------|---------------|-----------|-----------|-------------------|
| DRAWN: BEA | CHECK: MJA | APPRV'D: JRP | DATE: 5/19/11 | SHT No: 1 | REV No: C | PART No: T1821001 |
|------------|------------|--------------|---------------|-----------|-----------|-------------------|

TracStar® 618 AUTOMATED DUAL RTD HEATER ASSEMBLY (12"/18") 220-240V, 50/60Hz, 1Ph

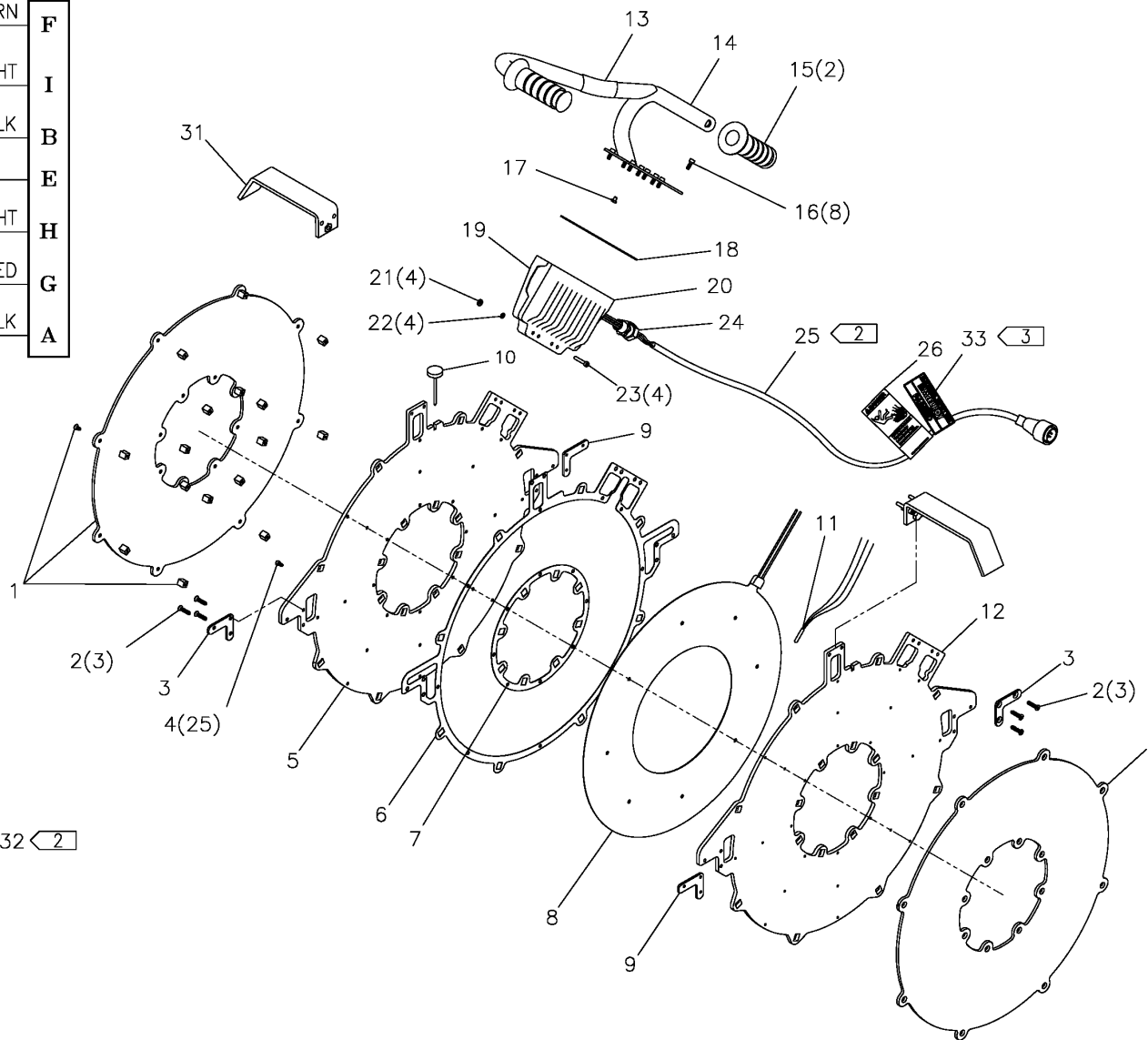
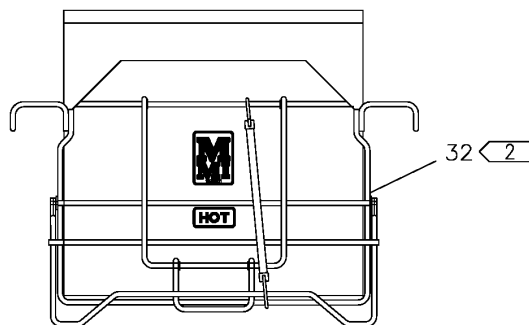
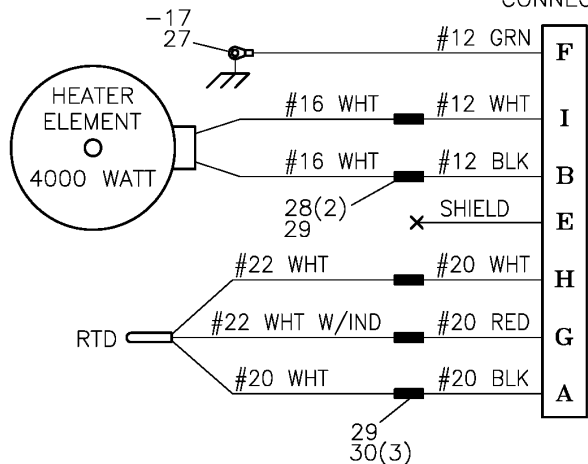
NOTE: THIS DRAWING AND THE INFORMATION CONTAINED THEREIN IS THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF McElroy Manufacturing, Inc. THE DRAWING IS NOT TO BE REPRODUCED IN ANY MANNER, SUBMITTED OUTSIDE PARTIES FOR EXAMINATION, OR USED DIRECTLY OR INDIRECTLY FOR THE PURPOSES OTHER THAN THOSE FOR WHICH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

NOTES:

1. ITEMS IN PARENTHESIS REFLECT QUANTITIES IN A LOCAL GROUP AND MAY NOT INDICATE TOTAL ASSEMBLY QUANTITIES.
2. THIS ITEM IS A SUB-ASSEMBLY ON A SEPARATE DRAWING.
3. HEATER SHALL PASS ALL ELECTRICAL SAFETY COMPLIANCE TESTS PER ES497 BEFORE INSTALLING ELECTRICAL SAFETY TEST LABEL.

**WIRING DIAGRAM**

ELECTRICAL  
CONNECTOR



## McElroy Manufacturing Parts List

**Part Number:** T1821001 TracStar 618 Auto Dual RTD 12-18" 220V Heater Assembly

### Part Number T1821001 Component List

| Item | Component | Description                    | Quantity | Unit | Price    |
|------|-----------|--------------------------------|----------|------|----------|
| 1    | A1852013  | 18 Heater Butt Plate Kit       | 1.0      | EA   | 1,040.00 |
| 2    | MAN00036  | #10-32NFX7/8LG Fhscs SS        | 6.0      | EA   | 0.40     |
| 3    | 1852012   | C'sunk Htr Guide Rod Sprt Bkt  | 2.0      | EA   | 38.39    |
| 4    | MAN00023  | #8-32NCX5/16LG Shcs SS         | 25.0     | EA   | 0.40     |
| 5    | 1852004   | Left Heater Body               | 1.0      | EA   | 1,019.00 |
| 6    | 1852005   | Heater O.d. Spacer             | 1.0      | EA   | 272.00   |
| 7    | 1852006   | Heater I.d. Spacer             | 1.0      | EA   | 108.00   |
| 8    | 1851901   | Mica/foil Heater Element       | 1.0      | EA   | 1,140.00 |
| 9    | 1852011   | Tapped Htr Guide Rod Sprt Bkt  | 2.0      | EA   | 38.39    |
| 10   | MJK00002  | 2.5LG,150-650DEG F Thermometer | 1.0      | EA   | 47.64    |
| 11   | MKI00009  | 1X3/16 316SS 100OHM Dual Rtd   | 1.0      | EA   | 107.00   |
| 12   | 1852003   | Right Heater Body              | 1.0      | EA   | 1,019.00 |
| 13   | 8163196   | Model T1821001 Part NO Label   | 1.0      | EA   | 0.00     |
| 14   | 838007    | Heater Handle Wld              | 1.0      | EA   | 185.00   |
| 15   | MJJ00009  | 1" Black Gloss Hand Grip       | 2.0      | EA   | 3.59     |
| 16   | MAC00038  | #10-24NCX3/4LG Shcs SS         | 8.0      | EA   | 0.48     |
| 17   | MAH00030  | #10-24NCX1/4LG Rhsms SS        | 1.0      | EA   | 0.29     |
| 18   | 1808102   | Htr Gasket                     | 1.0      | EA   | 4.92     |
| 19   | 1863103   | Htr Terminal Enclosur Half Mod | 1.0      | EA   | 135.00   |
| 20   | 1863102   | Htr Terminal Enclosure Half    | 1.0      | EA   | 50.38    |
| 21   | MBA00004  | #10-24NC Hex Nut Stl PL        | 4.0      | EA   | 0.35     |
| 22   | MBE00004  | #10 Reg Splt Lck Washer Stl PL | 4.0      | EA   | 0.10     |
| 23   | MAN00008  | #10-24NCX1LG Shcs SS           | 4.0      | EA   | 0.70     |
| 24   | MLK00077  | 1/2 Strain Relief              | 1.0      | EA   | 19.11    |
| 25   | T5017702  | Heater Cable Assy              | 1.0      | EA   | 1,482.00 |
| 26   | 410906    | Dng Not Expln Proof Tag Label  | 1.0      | EA   | 3.90     |
| 27   | MLM00024  | 10-12 X #10 Hi-temp Ring Term  | 1.0      | EA   | 12.94    |
| 28   | MLM00180  | 10-12 Hi-temp Butt Splice      | 2.0      | EA   | 4.26     |
| 29   | MLN00219  | Fiberglass Tape (per Ft)       | 1.0      | FT   | 0.52     |
| 30   | MLM00040  | 18-22 Hi-temp Butt Splice      | 3.0      | EA   | 1.02     |
| 31   | A1852010  | 618(12/18) Stripper Bar Kit    | 1.0      | EA   | 169.00   |
| 32   | 1835102   | Heater Bag Assembly            | 1.0      | EA   | 860.00   |
| 33   | 8163210   | Electrical Safety Test Label   | 1.0      | EA   | 0.00     |

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