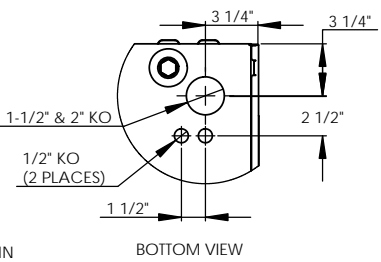
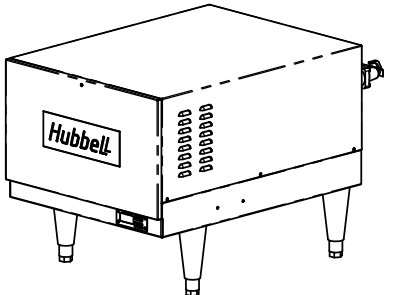
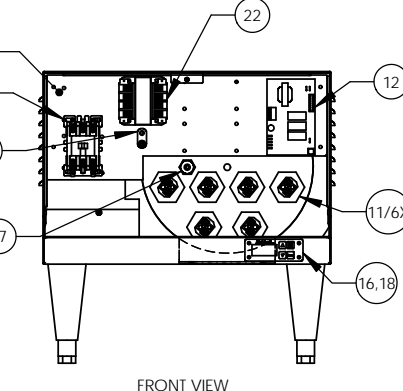
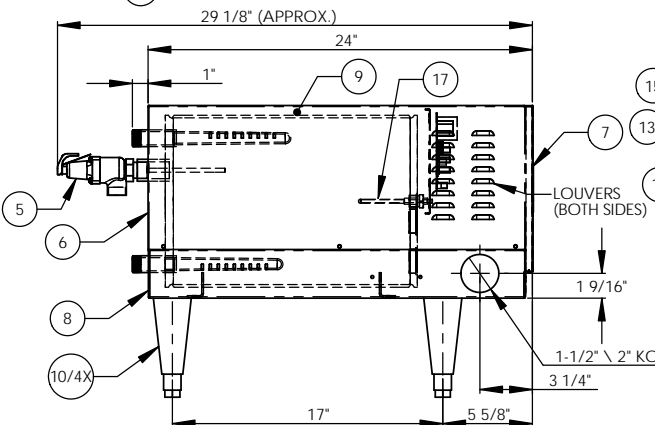
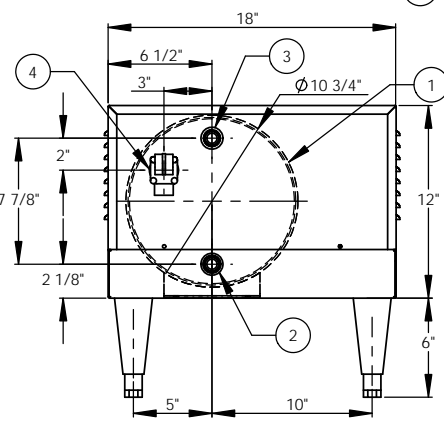
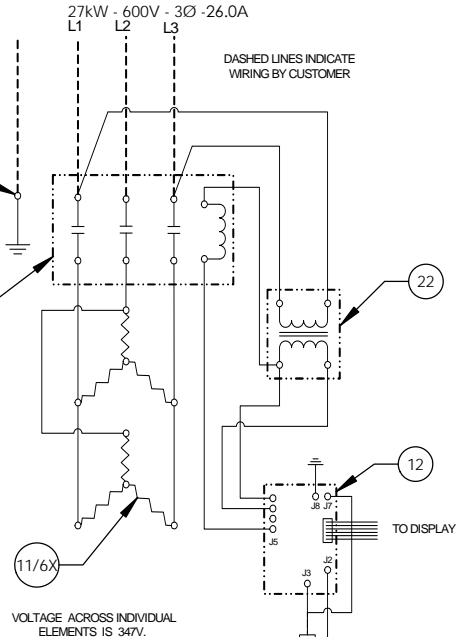


| ITEM NO. | QTY | PART NO. | MATERIAL | DESCRIPTION |
|----------|-----|--------------------|----------------------------|---|
| 1 | 1 | J6-6 TANK | 304L S/S | TANK ASSEMBLY |
| 2 | 1 | J6 INLET | BRASS | 3/4" MNPT INLET |
| 3 | 1 | J6 OUTLET | BRASS | 3/4" MNPT OUTLET |
| 4 | 1 | | BRASS | 3/4" FNPT FOR RELIEF VALVE |
| 5 | 1 | 100XL .75 150LB | BRONZE | RELIEF VALVE SET AT 150PSI, 210°F |
| 6 | 1 | J6-6 JACKET | 304 S/S | TOP COVER ASSEMBLY |
| 7 | 1 | J6-6 FRONT COVER | 304 S/S | FRONT COVER ASSEMBLY |
| 8 | 1 | J6-6 BASE | 304 S/S | BASE ASSEMBLY |
| 9 | 1 | | FOAM | INSULATION |
| 10 | 4 | 61649NOBN514 | PLASTIC | ADJUSTABLE LEGS |
| 11 | 6 | C1315-11 | BRASS PLUG & COPPER SHEATH | HEATING ELEMENT - 1-7/8" HEX 2000W@240V/4160 @ 600V |
| 12 | 1 | T1000 | VARIOUS | CONTROL MODULE |
| 13 | 1 | C25DNF330B | VARIOUS | MAGNETIC CONTACTOR 40A (RESISTIVE) - 240V |
| 14 | 1 | KA4C | COPPER | GROUND LUG |
| 15 | 1 | J6-6 CONTROL PLATE | GALVANNEAL | ELECTRICAL MOUNTING PANEL |
| 16 | 1 | TD1000 | VARIOUS | DIGITAL DISPLAY MODULE |
| 17 | 1 | P65 | VARIOUS | PROBE ASSEMBLY |
| 18 | 1 | OVERLAY J MODEL | LEXAN | OVERLAY FOR DISPLAY MODULE |
| 19 | 1 | | VARIOUS | LEAK DETECTION SENSOR |
| 20 | 1 | ITD405 | VARIOUS | T&P GAUGE 30-240°F/0-200PSI |
| 21 | 1 | N45BU | BRONZE | PRESS. REDUCING VALVE 25-75PSI |
| 22 | 1 | B050-3350-3 | VARIOUS | TRANSFORMER 50VA 600V/195V |

| REV. NO. | | DESCRIPTION | DATE | APPROVED |
|----------|--|-------------|------|----------|
| | | | | |

- NOTES:
- TANK IS DESIGNED, FABRICATED, AND STAMPED IAW ASME SECTION VIII CODE, LATEST ADDENDA.
 - TANK IS DESIGNED FOR 150PSI AND PRESSURE TESTED AT 225PSI.
 - PROBE ASSEMBLY (Pc. No. 17) PROVIDES TEMPERATURE CONTROL, HI-LIMIT, AND LOW WATER SENSING.
 - UNIT IS UL, CUL, AND UL EPH LISTED.
 - PIECE NOS. 5, 10, 20, AND 21 ARE SHIPPED LOOSE.
 - CONTROL CIRCUIT WIRE TO BE #18 TEFZEL 750 (200°C), POWER CIRCUIT WIRE TO BE #12 TEFZEL 750 (200°C), ELEMENT JUMPER WIRE TO BE #12 TEFZEL 750 (200°C).
 - PHASE TO PHASE RESISTANCE: 25.5 OHMS
 - APPROX. WEIGHT:
DRY: 98 LBS.
WET: 146 LBS.
 - DERATE TO 25.92kW FOR 575V.



| INSTALLATION REQUIREMENTS | |
|---------------------------|------------|
| AMP Draw | 26.0 |
| Min. Breaker/Fuse Size | 30 AMP |
| Cu Power Feed Wire | #8AWG THHN |
| Min. Power Conduit | 1 1/2" |
| Wiring Diagram | 15 |

ELECTRICAL NOTES:
 1. POWER FEED WIRE SIZING IS BASED ON 75°C Cu THHN WIRE WITH FEEDER BRANCH PROTECTION AT 125%.
 2. REFERENCE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR COMPLETE INSTALLATION INSTRUCTIONS.

PROPRIETARY AND CONFIDENTIAL
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| DATE | NAME | DESCRIPTION |
|---------|--------|-------------|
| 2/21/05 | SCL | DRAWN |
| 2/21/05 | WENIII | CHECKED |
| 2/21/05 | PRD | ENG APPR |
| 2/21/05 | CHD | MFG APPR |

Stratford, CT 06615 (203) 378-2659
The Electric Heater Company
 Customer:
 Description: J MODEL BOOSTER HEATER
 J62716 - 6 GALLON
 27kW - 600V - 3Ø

| SIZE | DWG. NO. | REV |
|------|----------|-----|
| C | J627T6 | - |

SCALE: 1:6 FSCM: 19857 SHEET 1 OF 1