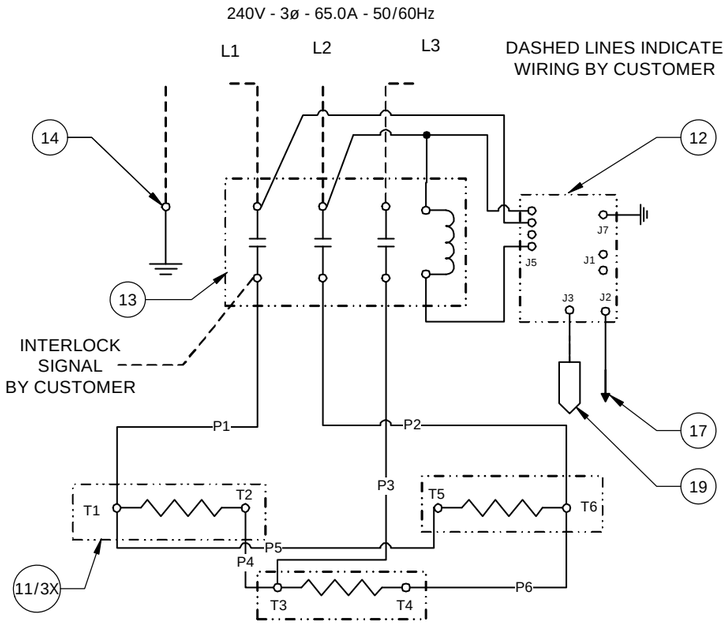
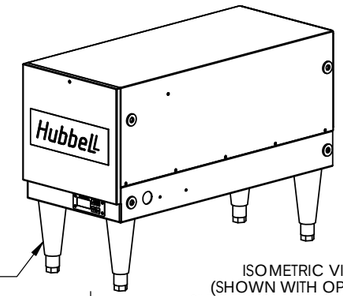


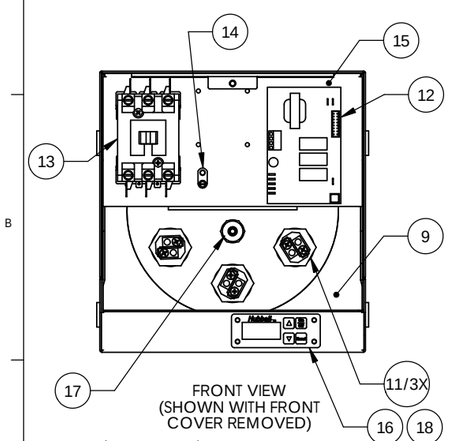

| ITEM NO. | QTY. | PART NO. | MATERIAL | DESCRIPTION |
|---|---|---|---|---|
| 1 | 1 | 06-17526-01 | 304L S/S | 4 GALLON TANK ASSEMBLY |
| 1 | 1 | 06-17526-01 | 304L S/S | 4 GALLON TANK ASSEMBLY |
| 2 | 1 | NPBR-.75S40X3 | BRASS | 3/4" MNPT INLET x 3" LONG |
| 3 | 1 | NPBR-.75S40X3 | BRASS | 3/4" MNPT OUTLET x 3" LONG |
| 4 | 1 | EXTE .75X2.5 | BRONZE | 3/4" FNPT FOR RELIEF VALVE x 2 1/2" LONG |
| 5 | 1 | 10L-2 150# | BRONZE | RELIEF VALVE SET AT 150PSI, 210°F |
| 6 | 1 | V06-17526-03 | 304 S/S | TOP COVER ASSEMBLY |
| 7 | 1 | V06-17526-04 | 304 S/S | FRONT COVER ASSEMBLY |
| 8 | 1 | V06-17526-05 | 304 S/S | BASE ASSEMBLY |
| 9 | 1 | --- | POLYURETHANE | INSULATION |
| 10 | 4 | 61649NOBN5T4 | PLASTIC | ADJUSTABLE LEGS (OPTIONAL) |
| 11 | 3 | N2375-20 | BRASS PLUG & INCOLOY SHEATH | HEATING ELEMENT - 1 1/2 - 12 UNF 1 7/8" HEX, 9000W @ 240V |
| 12 | 1 | T1000 | VARIOUS | CONTROL MODULE |
| 13 | 1 | C25FNF360B | VARIOUS | MAGNETIC CONTACTOR 75A (RESISTIVE) - 208/240V |
| 14 | 1 | KA8C | COPPER | GROUND LUG |
| 15 | 1 | V06-17526-02 | GALVANEEL | 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 | WIRE #18 200C WHITE | VARIOUS | LEAK DETECTION SENSOR |
| 20 | 2 | 2" KNOCK OUT SEALS | PLATED STEEL | 2" KNOCKOUT COVER |
| 21 | 8 | PIP-7/16 | PLASTIC | SIDE MOUNTING HOLE INSERT |
| 22 | 4 | PIP-1/2 | PLASTIC | LEG MOUNTING HOLE INSERT |

| REVISIONS | | | | |
|---|---|---|---|---|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | A | REVISED WIRING DIAGRAM. | 6/16/18 | MWG |

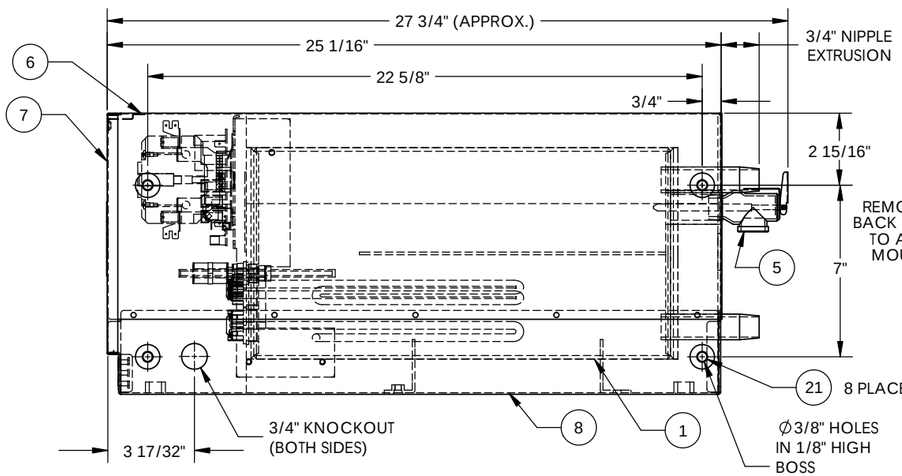
NOTES:
1. TANK IS DESIGNED, FABRICATED, AND STAMPED IAW ASME SECTION VIII, DIV. 1, LATEST ADDENDA.
2. TANK IS DESIGNED FOR 150 PSI WORKING PRESSURE AND HYDROSTATICALLY TESTED AT 225 PSI.
3. TANK IS PROVIDED WITH INTERNAL BAFFLE AND POLYURETHANE FOAM INSULATED TO MAXIMIZE HEATING EFFICIENCY.
4. PROBE ASSEMBLY, PIECE NO. 17, PROVIDES TEMPERATURE CONTROL, HI-LIMIT CONTROL, AND LOW WATER SENSING.
5. PIECE NOS. 10 (OPTIONAL) AND 5 ARE SHIPPED LOOSE.
6. CONTROL CIRCUIT WIRE TO BE #18 TEFZEL 750 (200°C), POWER WIRE TO BE #8 TEFZEL 750 (200°C).
7. UNIT TO BE UL, CUL, AND UL EPH LISTED.
8. UNIT IS RATED FOR 50/60 Hz.



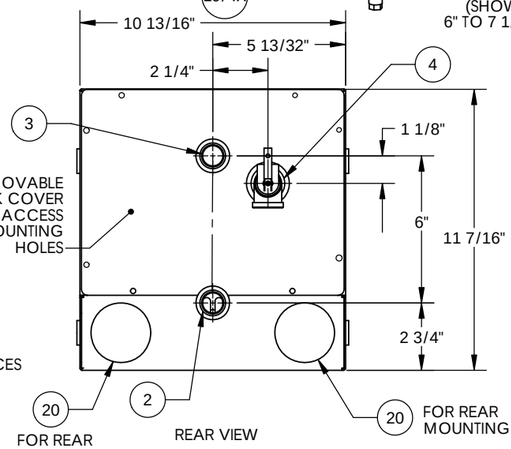

ISOMETRIC VIEW
(SHOWN WITH OPTIONAL
6" TO 7 1/2" ADJUSTABLE LEGS)



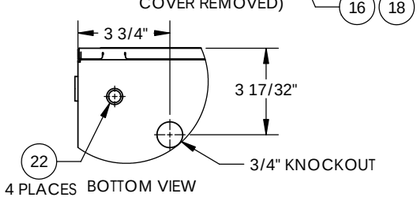

FRONT VIEW
(SHOWN WITH FRONT
COVER REMOVED)




RIGHT SIDE VIEW




REAR VIEW




4 PLACES BOTTOM VIEW

| INSTALLATION REQUIREMENTS | |
|---|---|
| AMP Draw | 65.0 |
| Min. Breaker/Fuse Size | 85 AMP |
| Cu Power Feed Wire | #3 AWG THHN |
| Min. Power Conduit | 1" |
| Wiring Diagram | 10 (NT) |

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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DIMENSIONS ARE IN INCHES
TOLERANCES:
(UNLESS OTHERWISE SPECIFIED)
FRACTIONAL ±1/4
ANGULAR: MACH ±1/2° BEND ±1°
TWO PLACE DECIMAL ±0.01
THREE PLACE DECIMAL ±0.005

| | DATE | NAME |
|---|---|---|
| DRAWN | 6/24/14 | BPD |
| CHECKED | 6/24/14 | PRD |
| ENG APPR. | 6/24/14 | PRD |
| MFG APPR. | 6/24/14 | PRD |

Hubbell™ Stratford, CT 06615 (203) 378-2659
The Electric Heater Company
Customer: AMERICAN DISH SERVICES
Description:
4-GALLON HORIZONTAL
J427T MODEL BOOSTER HEATER

| SIZE | DWG. NO. | REV |
|---|---|---|
| C | J427T | A |

SCALE: 1:4 | FSCM: 19857 | SHEET 1 OF 1