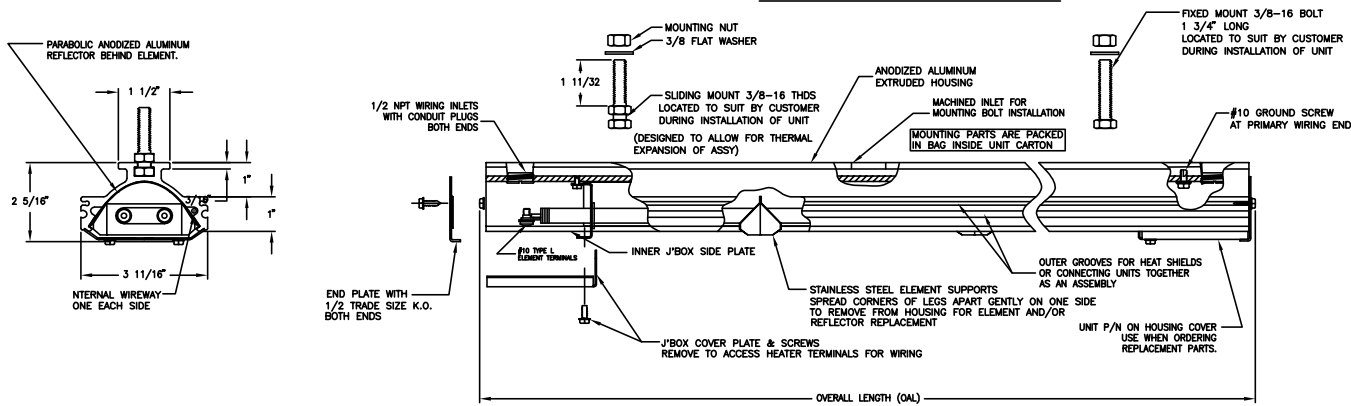


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HOUSING PARTS GENERAL ASSEMBLY



HIGH TEMPERATURE WIRE AND REPLACEMENT PARTS ARE AVAILABLE FROM TEMPCO. IF ELEMENT IS TO BE REPLACED IT IS RECOMMENDED THAT A NEW REFLECTOR BE ORDERED ALSO. CONTACT FACTORY WITH HEATER P/N, WATTS, AND VOLTAGE REQUIRED WHEN ORDERING REPLACEMENT PARTS.

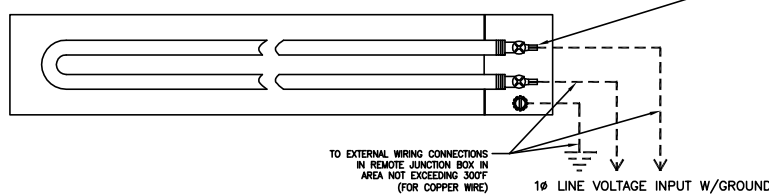
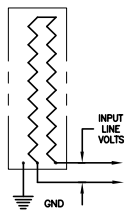
CLEAN REFLECTOR PERIODICALLY. DO NOT USE STRONG ALKALI CLEANERS ON THE ALUMINUM REFLECTOR AS THEY WILL DULL THE FINISH. A MILD SOAP & WATER SOLUTION IS RECOMMENDED.

DANGER: HAZARD OF FIRE. THESE HEATERS ARE NOT FOR USE IN ATMOSPHERES WHERE FLAMMABLE OR COMBUSTIBLE DUST, VAPORS, GASES, OR LIQUIDS ARE PRESENT AS DEFINED IN THE NATIONAL ELECTRICAL CODE. WHERE SOLVENTS, WATER, ETC. ARE BEING EVAPORATED FROM THE PROCESS, IT IS NECESSARY TO PROVIDE SUBSTANTIAL QUANTITIES OF VENTILATING AIR TO CARRY AWAY ALL RESULTING VAPORS.

BE SURE ALL ELECTRICAL CONNECTIONS ARE TIGHTLY MADE. HOLD TERMINAL WITH PLIERS WHEN TIGHTENING SCREWS. MAKE SURE ALL CONDUCTORS ARE PROPERLY INSULATED AND ROUTED TO ALLOW FOR EXPANSION AND CONTRACTION OF THE UNIT.

CAUTION: DO NOT MOUNT HEATER HOUSING CLOSER THAN 6" TO ANY STRUCTURAL MATERIAL THAT DOES NOT HAVE AT LEAST A 200C CONTINUOUS TEMPERATURE RATING.

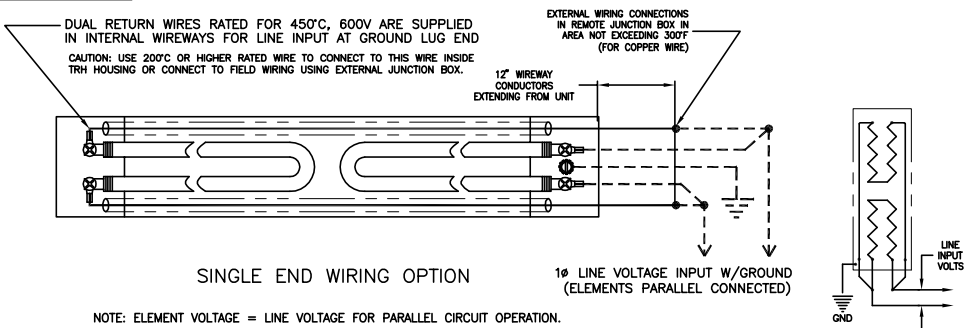
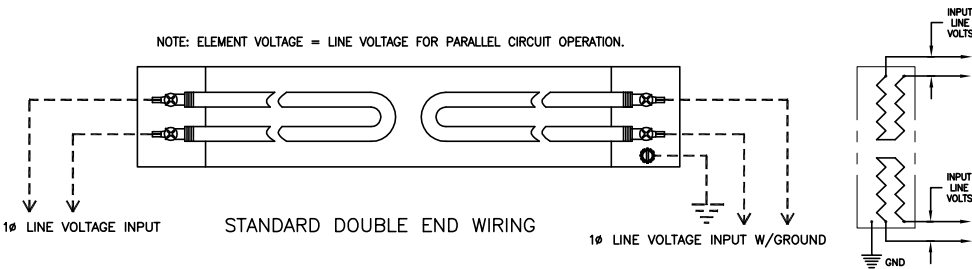
SERIES 3 - SINGLE HAIRPIN ELEMENT



STANDARD SINGLE END WIRING ONLY

SERIES 4 - DUAL HAIRPIN ELEMENT

NOTE: ELEMENT VOLTAGE = LINE VOLTAGE FOR PARALLEL CIRCUIT OPERATION.



NOTE: ELEMENT VOLTAGE = LINE VOLTAGE FOR PARALLEL CIRCUIT OPERATION.

"WARNING:"
DO NOT USE COPPER WIRE TO MAKE CONNECTIONS INSIDE THIS HEATER. HIGH TEMPERATURES WILL OXIDIZE COPPER. USE OF NICKEL PLATED OR NICKEL CLAD INSULATED COPPER WIRE IS RECOMMENDED. WIRE INSULATION RATING MUST BE SUITABLE FOR THE AMBIENT TEMPERATURE OF THE WIRING INSTALLATION. AMPACITY & VOLTAGE RATINGS SHOULD BE IN ACCORDANCE WITH NEC/NFPA (NATIONAL ELECTRICAL CODE) & ALL OTHER LOCAL REGULATIONS.

NOTE:
FOR DUAL VOLTAGE OR MULTIPLE HEAT WIRING SEE WIRING DIAGRAM IDP-129-108 AVAILABLE UPON REQUEST FROM TEMPCO OR ON LINE AT WWW.TEMPCO.COM

NOTE:
ELECTRICAL CONNECTIONS TO THE HEATER ARE MADE THROUGH THE 1/2" NPT TAPPED HOLES IN THE TOP OF THE HOUSING OR THROUGH THE K.O.'S AT ENDS. WIRING SHOULD BE RUN IN RIGID OR FLEXIBLE METAL CONDUIT AND INSTALLED IN ACCORDANCE WITH NEC AND ALL LOCAL CODES THAT MAY BE APPLICABLE. ACCESS TERMINALS BY REMOVING THE ENCLOSURE COVER SCREWS.

WARNING; HAZARD OF ELECTRIC SHOCK. INSTALLATION MUST BE GROUNDED TO EARTH TO AVOID SHOCK HAZARD. DISCONNECT POWER TO INSTALLATION BEFORE SERVICING OR INSTALLING HEATER

TITLE:
TRH UNIVERSAL 2000
RADIANT HEATER INSTALLATION,
WIRING, & PARTS ASSEMBLY
NEMA 1 HOUSING - SERIES 3 & 4

DRAWN BY: JWG	APPROVED: GDS	REV: 3	DATE: 9/22/10	DRAWING NUMBER: IDP-129-102
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TEMPCO
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