

AWARNING WASNING 10. FIRE HAZARD. Since heaters are capable of devel-FIRE OR SHOCK HAZARD: Moisture accumulation in oping high temperatures, extreme care should be the element refractory material, element over-temtaken to: perature, or sheath corrosion can cause ground fault A. Use explosion-resistant terminal enclosures in hazardous locato the element sheath, generating arcing and molten metal. Install Ground Fault Circuit-Interrupter (GFCI) tions. See Chromalox catalog for specification of explosionresistant terminal enclosures for hazardous locations. All to prevent personal injury or Equipment Ground Fault options not shown here. Protection to prevent property damage. B. Avoid contact between heaters and combustible material. 12. Adjustment Instructions for E4TP Enclosure only (Figure 6). Keep combustible materials far enough away to be free of the C. A. After tightening the heater into the tank opening, the terminal effects of high temperatures. enclosure can be rotated to a more convenient position to install the power feed. AWARNING Remove the lid by leosening the set screw and giving the lid a 1/4 turn twist off motion. After lid removal, loosen the mits B. Provisions should be made to prevent damage from any eventual leaking of tank or components. Failure to holding the clamp down plate against the inside enclosure lip and turn to the desired position. comply could result in personal injury or property C. Tighten nuts and secure enclosure. damage. D. For maximum flexibility and optimal moisture resistant per-11. Adjustment Instructions for E1 Enclosure only (Figure 5). formance of the large Buna O-ring gasket, the gasket should be A. After tightening the heater into the tank opening, the terminal lubricated with an inert lubricant such as silicone or while lithienclosure can be rotated to a more convenient position to um based product. install the power feed. B. Remove the terminal box cover (Item A) by loosening the three 8-15 Locking Screw cover screws (Item B) (do not completely remove the screws since the cover holes are open slotted). NEMA 4X Lld C. To rotate the terminal enclosure, loosen the three mounting screws (Item C) until the base rotates freely (do not complete-Large O-Ring ly remove). D. Turn the base until the conduit opening is at the desired position. E. Tighten the base mounting screws securely (Item C). Caution: Do not over tighten. 10-32 Ground Nut (Green) 10-32 Hold Nut (2 Reg'd) 10-32 Stud (2 Reg'd) Follow the rest of the screw plug installation instructions to Screw Plug (For reference) complete the installation Clamp Down Plate NEMA 4X Housing SCREWPLUG -/10-32 COVER SCREWS 3,REO'D (120' APART) (ITEM "B") #8-32 BASE MOUNTING SCREWS (3 REO'D) (ITEM "C") Small Q-Ring ROTATING BASE WITH CONDUCT OPENING Adapter Plate Sillcone Gasket A. ADAPTOR PLATE

STALLAMON (contci

ERMOSTATS

Integrally mounted thermostats are available. 1. 2.

(ITEM "B")

Figure 5

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Thermostats may be connected directly to heaters that are rated within the electrical capacities. When the heater amperage exceeds the contact rating of the thermostat, the heater should be controlled

NEMA 1 COVER

by a magnetic contactor with the thermostat wired for pilot duty. Refer to the thermostat instruction sheet packed with the heater. If one isn't provided, please contact Chromalox for ratings.

Figure 5