HEATERS

FR Option Series Features and Benefits

APPLICATIONS:
♦ Provides simplified and versatile installation for L-shaped electric bottom heaters in various tank depths. The flex riser system saves dollars by reducing shipping costs since a parcel carrier can ship most heaters.

RUGGED CONSTRUCTION:
♦ STAINLESS STEEL HEATERS: braided 304 stainless steel sheath over a fluoropolymer (PTFE) inner tube.
♦ TITANIUM HEATERS: Fluoropolymer (FEP) tube with integral 316 stainless steel reinforcement.
♦ FLUOROPOLYMER (PTFE) HEATERS: continuous extension of tubing with inline junction box.

LONG LASTING PERFORMANCE:
♦ Liquid tight fluoropolymer tube is chemically inert and is protected by either a stainless steel outer braid (stainless steel heaters) or reinforced core (titanium heaters).

CERTIFICATIONS:cULus listed (except steel), and CE (except 600 volts).

SAFETY FEATURES: Thermal protection standard on all flex riser heaters:
♦ Metal heaters: resettable P2 bi-metal switch.
♦ Fluoropolymer heaters: P3 J-type thermocouple.

SIZES:
♦ METAL HEATERS: 48-inch (1220mm) long, ¾-inch (19mm) diameter, tubing for 500 to 18,000 watt heaters.
♦ FLUOROPOLYMER HEATERS: 48-inch (1220mm) long, 7/16-inch (11mm) diameter, fluoropolymer (PTFE) tubing with inline junction box. Connected to a 36-inch (915mm) long, ½-inch (13mm) diameter, PVC conduit for 500 watt to 6000 watt heaters. 3-inch (75mm) minimum bend radius.

VOLTAGES: 120 to 600 volts.

OPTIONS AVAILABLE (consult factory):
♦ Medium and high temperature resettable P2 bi-metal thermal protectors for metal heaters only.
♦ Special configurations and lengths.

ORDERING EXAMPLE:
To order: specify part number “FR” before riser length.
Example: LT3222-FR25-P2