The type 2SPCP controller has been designed specifically for tank heating applications that require both process and over temperature control features. Such applications involve the control of EGL and SilcoPad tank heaters installed on FRP, polyethylene, polypropylene and other forms of non-metallic tanks.

Dual electronic thermostats, operating via a solid state relay (SSR) provide accurate, efficient temperature and power control. Type “J” thermocouples are supplied for precise temperature sensing and each 2SPCP can handle up to 26 amps of operating load.

Controller Specification.

- **System Capability**: 120Vac – 3.12 kW  
240Vac – 6.24 kW
- **Enclosure size**: 10 x 8 x 6 inches
- **Enclosure rating**: NEMA 4X
- **Process thermostat**: 50 to 175° F
- **Over temperature thermostat**: 50 to 175° F
- **Solid State Relay**: 55A, 480 Vac, 90 to 280 Vac input
- **Thermocouples**: Type “J” with 10 ft long with SS braid and FEP overjacket
- **Fuse**: 250 Vac, 30A
- **Terminal Block**: 4 point, screw type, 30A 600Vac
- **Heater On Light**: NEMA 4X, 30 mm full voltage pilot light