

# EXPLOSION-RESISTANT DRUM HEATERS

## SEPDH Series



- ✓ **Factory Mutual Hazardous Area Approval**
- ✓ **Class I, Div 2, Groups B, C, and D; Class II, Div 2, Groups F and G**
- ✓ **Inherently Safe**
- ✓ **Integral Built-In High-Limit Thermal Cutout\*\* Prevents Temperature Runaway**
- ✓ **Up to 2½ Watts Per Square Inch**



SEPDH-C-1300-120-T4A shown smaller than actual size.

OMEGALUX® silicone rubber area drum heaters are low-watt density electrical resistance heaters in blanket form. They are designed to provide a practical, efficient means of freeze protection, viscosity control, melting of solids, and maintaining materials at elevated temperatures in Class I, Division 2 areas.

OMEGALUX® SEPDH drum heaters feature built-in high-limit thermal cutout protection, which, in the event of a primary temperature controller failure, maintains heater sheath temperature below the minimum safe auto-ignition temperature of the material being heated or materials in the area. OMEGALUX® SEPDH drum heaters are compatible with most chemical fluids and oils used in field service. Unlike many other drum heaters, the SEPDH has a thin-line design that lets it fit between the drum and the cradle.

### SPECIFICATIONS

- Size:** 30 and 55 gallon
- Wattage:** 1000 W (30 gallon)  
1300 W (55 gallon)
- Power:** 120 and 240V
- Dielectric Strength:** Over 2000V
- Thickness:** 4.8 mm (3/16")
- Width:** 203 mm (8")
- Closure:** Two stretch springs

High-Limit Thermostat Temperature	
<b>T4A</b>	70°C (158°F)
<b>T3</b>	145°C (292°F)

To Order	
Model No.	Volts
<b>55 Gallon</b>	
SEPDH-C-1300-120-*	120
SEPDH-C-1300-240-*	240
<b>30 Gallon</b>	
SEPDH-C-1000-120-*	120
SEPDH-C-1000-240-*	240

\* Insert "High-Limit Thermostat Temperature" rating from above table. The maximum allowable sheath temperature ("T" rating) must be specified if drum heater is to be used in a Division 2 area. "C" specifies heaters with adjustable temperature control assembly and temperature ranges from -4 to 163°C (25 to 325°F).

\*\* Article 501 of the NEC requires that the maximum sheath temperature of the heater shall not exceed 80 percent of the auto-ignition temperature of the surrounding atmosphere when heater is continuously energized.

**Auto-Ignition Temperature:** The minimum temperature required to initiate or cause self-sustained combustion of a solid, liquid or gas independently of the heating or heated element (see NFPA 325M, Fire Hazard Properties of Flammable Liquids, Gases, and Volatile Solids).

**Ordering Example:** SEPDH-C-1300-120-T3, 55 gallon, 120V drum heater with a T3 rating of 145°C (292°F).

**CAUTION AND WARNING!**  
Fire and electrical shock may result if products are used improperly or installed or used by non-qualified personnel. See inside back cover for additional warnings.