



## CYLINDRICAL TANKS AND POTS



*Dependable performance and low overall costs characterize Sta-Warm Cylindrical Tanks and Pots for melting compounds. The basic design of Sta-Warm equipment is highly efficient and has been proved satisfactory in thousands of installations for more than 80 years. Each unit fits production requirements with greatest economy because Sta-Warm supplies specialized engineering experience and high standards of manufacturing quality.*

Solid state relays, contactors, control transformers, etc., when required, are mounted in a gasketed enclosure. Refer to STA-WARM drawings 38A1064-13 through 38A1064-16B for dimensions.

### USES

For melting or heating pitch, asphalt, paraffin, waxes, plastics, oil, chemicals, and a wide variety of other compounds.

### HEATING ELEMENT

The famous STA-WARM "Even Heat" multiple circuit, blanket type element is uniformly applied to the entire bottom area and up the sidewalls to approximately 75% of the wall height. Even heat is distributed at a low watt density (approximately 5 watts per square inch maximum) eliminating the danger of "hot" spots.

### VOLTAGES

Available voltages are 120, 208, 240, 480 or 550, single or three phase, 50 or 60 cycle. Other voltages or frequencies to order.

### CONSTRUCTION

Inner tanks and housings are made of electrically welded mild steel. On special order, the inner tank can be fabricated of stainless steel. A loose one-piece cover is furnished except when an agitator is used; a split cover is then supplied all with lift handles. Glass blanket or expanded perlite is used as thermal insulation to reduce heat loss.

### CONTROL

Electronic controls closely control the wall temperature. Each tank and control is operated a minimum of 12 hours continuously during calibration test, insuring the purchaser, of highest quality and trouble-free operation. Standard temperature range is 60°-550°F. Digital temperature controls can be customized to meet your specific application needs.

### OUTLETS

The standard outlet supplied is an electrically heated and thermostatically controlled brass, wheel type, gate valve. It is externally mounted for accessibility. All iron or stainless steel valves are available, if required, as well as quick opening gate valves or needle dispensing valves. Valves have internal thermostats that are factory set to your specific application needs.

### SPECIAL FEATURES

STA-WARM is prepared to furnish electrically heated tanks of other sizes, shapes, voltages or materials having special controls, outlets, zoned heating, etc., to the user's particular requirements. Ask for our confidential data sheet questionnaire.

Catalog Number	Capacity Gallons	Kw	Catalog Number	Capacity Gallons	Kw
50W	5	2.0	Y150	150	20
51W	10	3.3	Y200	200	25
52W	15	4.4	Y250	250	30
53W	25	6	Y300	300	32.5
Y50	50	10	Y350	350	36.5
Y75	75	14	Y400	400	39
Y100	100	16	Y500	500	46

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