



DISPENSING TANKS AND POTS



4CN - 4 Quart Capacity

USES

STA-WARM compound dispensing units are designed for fast, easy and efficient dispensing of many heated materials, including asphalt, pitch, waxes, thermo-plastic, adhesives, and other industrial

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.

CONSTRUCTION

Pots are made with a cast aluminum inner pot and heavy steel housing. Tanks are of fabricated steel, both inner tank and housing. On special order, the inner pot or tank, can be made of stainless steel. Loose covers are standard equipment. Glass blanket or expanded mica is used as thermal insulation to reduce heat loss. Contactors, control transformers, etc., when required, are mounted in a gasketed inclosure. Dispensing is accomplished through a heated, hand, or solenoid operated needle valve with orifice of suitable size. Standard valve sizes are 1/8", 1/4", 3/8", and 1/2" in both the E and EX type seats (see drawing). Other sizes are available on special order. An adjusting screw, with lock nut, limits the travel of the needle and thus aids in controlling the flow. Style and size should be specified.

All sizes are readily adjustable to suitable height above the work by means of set screws located in the heavy boss which slides up and down the pipe column support. Refer to **STA-WARM** drawings 24A1064-2, 24A1064-28, and

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.

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 custom calibrated 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.

SPECIAL FEATURES

STA-WARM is prepared to furnish electrically heated dispensing tanks or pots of other shapes, sizes, material, multiple outlets, zoned heating, special controls, etc., to the user's requirements.

Catalog Number	Capacity Quarts	Watts
2CN	2	600
4CN	4	880
10CN	10	1540

Catalog Number	Capacity Gallons	Kw
50CN	5	2
51CN	10	3.3
52CN	15	4.4
53CN	25	6

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