

# ELECTRICALLY HEATED VALVES

## TYPES AND MATERIALS

Most popular styles of *STA-WARM* electrically heated valves are the four types illustrated below. All valves except molasses gate valve are furnished in brass construction. The molasses gate valve is available in iron only. The wheel type, quick operating gate and needle valves are also offered in iron or stainless steel at additional cost.

Loose leads, are standard construction although 3-wire plug or cord and plug or K. O. box type of construction can be supplied at extra cost.

All except the wheel type gate valve are considered to be of the "quick opening, quick closing" type. Needle valves are particularly suited, with their variety of from 1/8 to one inch diameter, to dispensing amounts material quite accurately.

The non-dripping, non-clogging features of the molasses-type gate valve make them especially desirable for certain dispensing operations.



**4ZT**  
Wheel Type Gate Valve



**4ZQTA**  
Air Operated Quick Opening Gate Valve

These two styles of molasses-type valves are suitable for dispensing operations. Advantages include non-dripping due to shearing action of with only 45° throw of handle and ease of cleaning nozzle is ever

## HEATING METHODS AND VOLTAGES

All valves, except the molasses-type ZMC, are individually temperature controlled. The *STA-WARM* method of uniformly winding insulated heating element over the valve body and cementing it in place provides correct amount of heat over entire valve body, thus avoiding the danger of materials freezing in the valve, Ample thermal insulation and outer protective housing keep heating element operating at high efficiency.

The molasses-type ZMC valve employs a cartridge heater as shown by the illustration.

Available voltages are 120, 208 or 240 single phase 50 or 60 cycle.

*When ordering, specify pre-set temperature and voltage. Variable dial thermostat is available on special order. The maximum temperature is 500°F.*



**6ZNTA**  
Air Operated Dispensing Valve

Needle-type dispensing valve with 1/8", 1/4", 3/8", 1/2" orifices for 1" valve. For 1 1/2" valve, 3/4" and 1" sizes are also available.

## STYLES AND SIZES OF STA-WARM VALVES

*(Inquire for larger sizes and other styles than those listed)*

Size	Wheel Type G Molasses Typ Quick Openin Needle Type*							
	Brass	Iron	Brass	Iron	Brass	Iron	Brass	Iron
1"	4ZT	4ZIT	4ZMDT	4ZMC	4ZQT	4ZQIT	4ZNT	4ZNIT
1 1/2"	6ZT	6ZIT	6ZMDT	6ZMC	6ZQT	6ZQIT	6ZNT	6ZNIT
2"	8ZT	8ZIT	8ZMDT	8ZMC	8ZQT	8ZQIT	8ZNT	8ZNIT

*\*also available in stainless steel*