

# Cooling Water Thermostat

Job No.

50-6

## A. Steam-Pressure Thermostat

### Model 180 and Model 180 D 1" Version

In the case of steam pressure thermostats the valve plate is forced open by the alcohol-filled metal bellows in the direction of flow of the cooling water. The opening phase therefore is dependent on the pressure obtaining in the cooling system, that is to say the steam-pressure thermostat is pressure-sensitive.

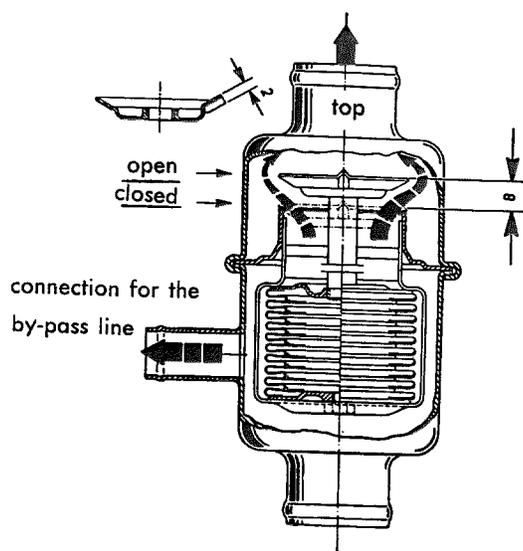


Fig. 50-6/1

Steam Pressure Thermostat

Only wax thermostats are supplied as replacement parts (see Section B). For testing instructions see Section D.

## B. Wax Thermostats

### a) Wax Thermostats without By-Pass Control

**Models 180 (in case of replacement), 180 a, 180 D, 190 SL (thermostat element only), 220 a, 219, 220 S**

The wax thermostat is independent of the pressure in the cooling water system, that is to say it is not pressure-sensitive. The thermostat element has a diaphragm (5) which is located between the wax-like mass (4) and the pin (1) soldered to the housing (Fig. 50-6/2).