

INSTRUCTIONS
OFI THERMOSTATED CUP

This cup is intended for controlling temperature of a mud sample while taking readings with a rheometer or V-G meter. Drilling mud has a low thermal conductivity, so the mud must be agitated in order to reach a uniform temperature within a reasonable time.

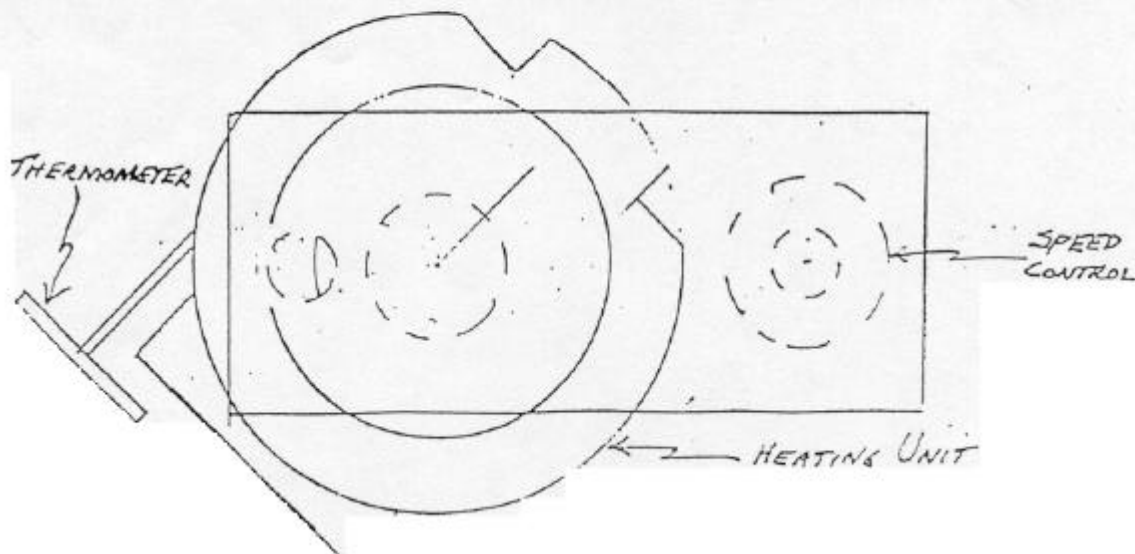
To heat a sample of mud:

1. Plug the cord into 115 or 230 volts AC as indicated on the nameplate. (Part No. 130-20 is 115 volts; No. 130-30 is 230 volts)
2. Turn the thermostat clockwise to about three-fourths of the range, which will be 185°F, and allow 15 minutes for heat-up. The pilot light will light when the well reaches the set temperature.
3. Place an OFI No. 154-00 or No. 154-10 thermometer in the provided thermometer hole on the side of the well to read well temperature. The thermostat should be set about 50°F above desired mud temperature.
4. With the well pre-heated, place the cup of mud in the well. Stir mud frequently, checking also with a thermometer. When the mud approaches the desired temperature, cut the thermostat back about ¼ turn to avoid overheating.
5. Place entire assembly on base of OFI Viscometer, Rheometer or VG meter. *(See below). Raise shelf or lower instrument to proper depth and stir. Recheck temperature and take reading. Adjustment of temperature may be needed if instrument bob and rotor are cold.

CAUTION: Do not leave rotor immersed for long periods in the mud as vapors will travel up into the bearings and condense, causing corrosion.

CAUTION: Do not heat fluid over 200°F.

*NOTE: The holes in the shelf of the OFI Viscometer have been relocated to hold the cup heater at 45° to the line of the instrument for better accommodation.



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