Änderungsdatum
11.01.23

DIP Tanks

Single Phase

Details

Type	DT 30
Serial Number	
Voltage	230/240 Volt
Wattage	2500 Watts

Installation

Locate tank on a firm level surface

Voltage

The voltage selector switch is located inside the enclosure and must be set to suit the input voltage.

Control

Tank is fitted with a dual thermostat control. The top thermostat can be set to operating temperature. The bottom thermostat can be set to a standby temperature. By setting the standby temperature lower when not in use, you will increase the life of the product and conserve energy. E.g., lunch breaks or a long break in production.

Operation

- Fill tank with material, packing as close as possible and switch the tank on. Stir material frequently during initial melt.
- You may during breaks turn the controller down a little, this will reduce the heat input thus conserving power and increasing the tank life of the material.
- Tanks should be kept fully charged and temperature settings as specified by the material data sheet.
- Tank lid should always be used to conserve heat, reduce fumes and increase material life.

Safety

The second over temperature is a mechanical thermostat. See safety instructions over temperature cut out.

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Safety Instructions – Over-temperature cut out

Setting

An adjustable, over-temperature safety cut out is fitted to this unit. It will trip, isolating the power to the unit in the event of the temperature exceeding the set level. This is factory set to 100°C but should be adjusted by the end user according to the properties of the material(s) to be heated.

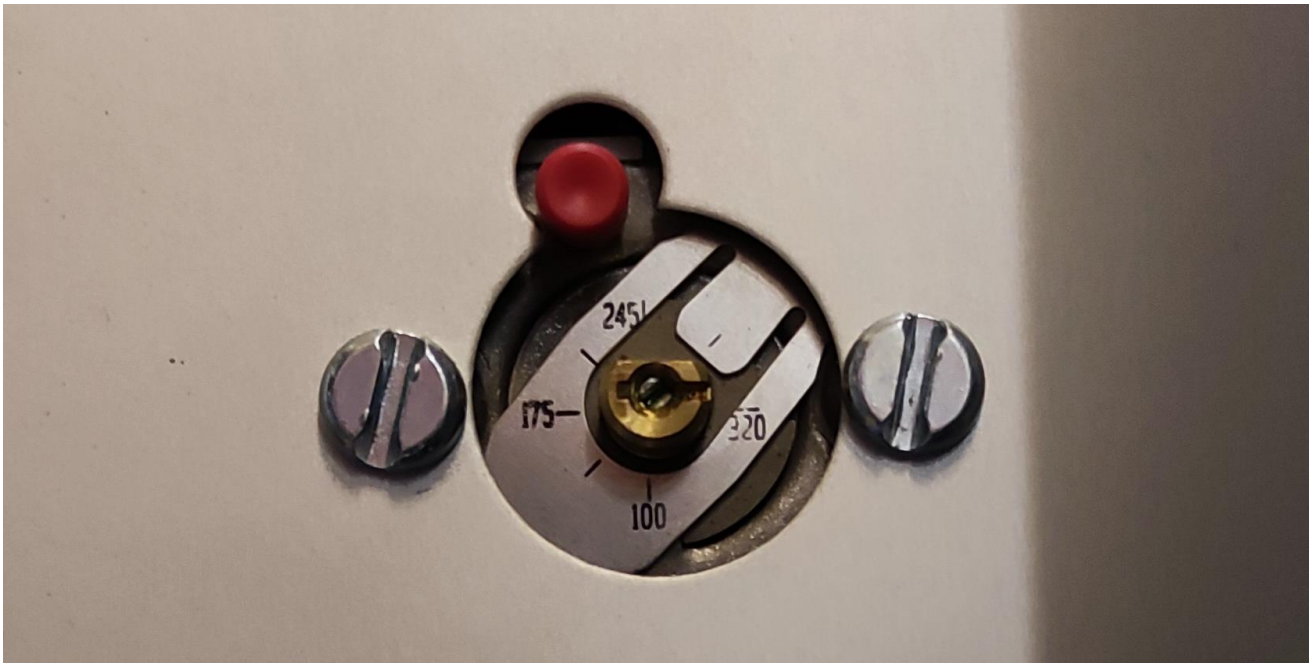
Adjusting

It is the responsibility of the user to determine and set the safety cut out temperature. It should be set above working temperature but below the flash point of material to be melted with a suitable safety margin.

We would suggest +20°C above working temperature initially if this is well below the flash point of the material. If you find the cut out is tripping all the time you can increase the cut-out temperature if you judge it is safe to do so.

Re-Setting

To reset the cut out allow the machine to cool or turn up the stat a little. Press the red button and a “click” should be heard.



Example of cut out shown set at 320°C

The unit should not be left unattended for long periods of time while the unit is energised. While we have made every effort to protect against the unit going over temperature, imt Zinssmeister can not be held responsible for any failure of individual components. These failures may lead to excessively high temperatures being reached, which in turn may result in a meltdown or fire.