

CF/B - CF/BP - CF/BC - CF/BCH Base drum heaters



Characteristics

- Sturdy, octagonal metal base.
- Uniform temperature surface.
- Surface covered with special paint to ensure good heat transfer.
- **CF/B** : Drum heater without thermostat.
- **CF/BP** : Drum heater without thermostat, low power, for plastic drums.
- **CF/BC** : Drum heater with thermostat.
- **CF/BCH** : High power drum heater with thermostat.

Applications

Base drum heaters are specially designed to heat the contents of 200 litre capacity plastic or metal drums from the base.

They are recommended for obtaining relatively low temperatures with a fairly long heating time, or for maintaining medium temperatures.

When the base drum heaters are used in conjunction with one or more **TCF/TV** silicon insulated drum-heaters fitted around the drum, it is then possible to obtain rapid increases in temperature.

A typical example is heating fluids to reduce their viscosity ready for pumping or transfer operations: glucose, honey, fat, wax and oil.



CF/B - CF/BP



CF/BC - CF/BCH



Control

If a metal drum heater without thermostat is used, it is recommended to place a thermometer inside the drum so as to be able to control the temperature of the contents.

The other metal drum heaters are provided with a bulb and capillary, with a temperature range of from + 20°C to + 220°C and an indicator lamp to show when the heater is switched on.

The thermostat makes it possible to more accurately control the surface of the drum heater and thereby the drum contents.

	CF/B	CF/BC	CF/BCH	CF/BP
Dimensions	Diameter 550 mm - Height 80 mm			
Power (230 V)	1000 W	1000 W	1840 W	300 W
Power (110 V)	1000 W	1000 W	-	-
Voltage (V)	110/230	110/230	230	230
Heating element	Mineral heating element with Incolloy sheath			Silicon elastomer heater mat
Insulation	50 mm of mineral wool			
Length of power cable	2 m			
Cable in	Brass cable gland			
Weight (kg)	11	12.4	17	14
Temperature range	+ 20°C to + 220°C			
Max. temperature of drum contents	+ 130°C	+ 130°C	+ 130°C	+ 50°C
Thermostat dimensions (mm)	-	240 x 225 x 90 approx.	240 x 225 x 90 approx.	-

Use

Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories.

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