

**Features**

Tesca Heat Transfer in Natural Convection Apparatus consists of a vertical brass pipe heated by a cartridge heater inside it. The Pipe loses heat to atmosphere by natural convection. Pipe is fitted in an enclosure to provide undisturbed natural convection currents. Thermocouples are attached on the pipe to measure local temperatures. Heater input is measured by voltmeter and ammeter and can be varied by dimmer stat.

Specifications

- Pipe - Brass, 38 mm dia.(OD), 500 mm long fitted with cartridges type heater.
- Thermocouples fitted along the length of pipe.
- Enclosure with Perspex window to house the pipe.

Instrumentation & Control

- Digital Voltmeter: 0 - 199.9 Volts.
- Digital Ammeter: 0 - 1.999 Amp.
- Multi-channel Digital Temperature Indicator.
- Heater Control
- Necessary switches & Fuses.

Service Required

- 220V/230V/240V.A.C. stabilized supply with proper earth termination.
- Floor space - 1 m X 1.5m at working height.



Note: Specifications are subject to change.

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