



Features

- Compact, mobile unit designed to generate Hot Air for different applications.
- PID based temperature controller to meet precise air temperature.
- Comprehensive Instrumentation Panel with all necessary safety instruments.

Tesca Hot Air Blower is designed to supply hot air at desired temperature for various industrial applications. The atmospheric air is forced by a compact blower over series of electric heaters. A transfer hose is used to direct the hot air to desired area. The temperature of hot air is controlled by the temperature controller which constantly monitors the air temperature. Power supplied to heaters is regulated by a thyristor controller to meet the temperature set point. The system is made using industrial components.

Hot air generators are used for drying as in food processing, paint baking, Tray dryers, Spray dryers etc. Detailed Operation & Maintenance Manual is provided along with the trainer.

Technical Specifications

- Blower Capacity: 200 CFM, 230 V AC, Complete with FHP Motor
- Heater Capacity: 2 kW.
- Difference between inlet & outlet temperature: 25 °C.
- Temperature Controller: PID Controller, Input – Type 'K' Thermocouple, Output – 4-20 mA Signal for Heater Controller. Front panel key pad for temperature set point. Two line digital display for set point & process value.
- Heater Controller: Thyristor based power controller, Capacity 2 kW.
- Transfer hose to direct hot air.

Note: System can be built for higher capacity (Temperature & Flow rate) to meet application requirements.

Services Required

- Electric Supply 230 V AC, 16 A, Single Phase, Earthed.

Note: Specifications are subject to change.

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