



FURNACE

CI DUAL ZONE FURNACES

APPLICATIONS :

These compact tube furnaces with control system can be used in many processes / industries, like pharma, Food, Pollution control boards, testing Labs, Research institutes, colleges. etc..

SPECIFICATIONS

- * Two zone furnace, Heating zone from 100mm to 250mm (Each Zone)
- * Gap between two zones 100mm
- * Microprocessor based PID controller, with LED Display, shows both Process and Set values.
- * Heating element is installed throughout the outer surface of the tube for fast and uniform heating.
- * Both Vertical and Horizontal models available as per customer requirement and use.
- * Table Top Models with Inbuilt / Separate control box.
- * High density Ceramic wool insulation.
- * Outer Body M.S Powder coated
- * Various Tube sizes 50mm to 90mm ID available, **OR** as per customer requirements (Standard ID 50 / 70mm dia.)
- * Programmable, Auto tuning, Precise Control, with 4 x 16 steps programing (**OPTIONAL**)
- * Thyristor based control instead of SSR for higher control precision and reduced power consumption. (**OPTIONAL**).
- * Maximum Temperature up to 1100°C
- * Control Accuracy : $\pm 5^{\circ}\text{C}$ or 2%
- * Thermocouple : K type
- * Operation on 230V Single Phase, 50 Hz, AC Mains.

ACCESSORIES

- * Quartz Tube
- * Ceramic Tube
- * Alumina Boats
- * Quartz Boats
- * Ceramic Board Plugs
- * Aluminium end caps with nozzle for gas purging



DUAL ZONE FURNACE

MODEL	DZF-50	DZF-60	DZF-70	DZF-80	DZF-90
CODE	12015-20	12015-21	12015-22	12015-23	12015-24
INNER SIZE (approx.)	50mm	62mm	70mm	80mm	90mm
TEMP. RANGE 400°C - 1100°C	KANTHAL	KANTHAL	KANTHAL	KANTHAL	KANTHAL

* CUSTOM BUILT SIZES ON REQUEST



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APPLICATIONS :

These compact tube furnaces with control system can be used in many processes / industries, like pharma, Food, Pollution control boards, testing Labs, Research institutes, colleges. etc..

SPECIFICATIONS

- * Two zone furnace, Heating zone from 100mm to 250mm (Each Zone)
- * Gap between two zones Min. 50mm (Customizable)
- * Microprocessor based PID controller, with LED Display, shows both Process and Set values.
- * Separate controller for each zone in tuning
- * Horizontal Models Only.
- * Floor Models with Separate control box.
- * High density Ceramic wool / Board insulation.
- * Outer Body M.S Powder coated
- * Various Tube sizes 50mm to 90mm ID available,
OR as per customer requirements
- * Thyristor based control for higher control precision and reduced power consumption.
- * Programmable, Auto tuning, Precise Control, with 4 x 16 steps programing (**OPTIONAL**).
- * Maximum Temperature up to 1400°C
- * Control Accuracy : $\pm 5^{\circ}\text{C}$ or 2%
- * Thermocouple : K type / Pt-PtRh
- * Operation on 230V Single Phase, 50 Hz, AC mains.
OR
- * Operation on 440V Three Phase, 50 Hz.

ACCESSORIES

- * Quartz Tube
- * Ceramic Tube
- * Alumina Boats
- * Quartz Boats
- * Ceramic Board Plugs
- * Aluminium end caps with nozzle for gas purging



DUAL ZONE FURNACE

MODEL	DZF-50s	DZF-60s	DZF-70s	DZF-80s	DZF-90s
CODE	12015-25	12015-26	12015-27	12015-28	12015-29
INNER SIZE (approx.)	50mm	62mm	70mm	80mm	90mm
TEMP. RANGE 900°C - 1250°C	Silicon Carbide	Silicon Carbide	Silicon Carbide	Silicon Carbide	Silicon Carbide

* CUSTOM BUILT SIZES ON REQUEST