

TRAY DRYER

SIZE OF INNER CHAMBER					
S.No.	W	D	H	TRAY	LOAD
1.	430	840	915	12	4 KW
2.	915	840	915	24	6 KW
3.	965	1275	1450	48	10 KW
4.	965	1700	1700	96	20 KW



Suitable for heat treatment, baking and drying applications in industries or institutes engaged in the production of Vaccines, Tablets, Bottle sterilizing, Baking breads or biscuits, Drying Chemicals, PCB Processing, Armature windings, soaking electronic components like Yoke, Coils, ETH Coils, Transformers etc.

CONSTRUCTION: - The construction is double walled on sturdy angle iron frame with both inner and outer wall of thick CRC sheet which is duly pretreated for surface treatment & finished with powder coating paint. The Inner wall is painted with high Temp. Aluminum paint to withstand long duration heating cycles normally required in industrial application, and outer wall is finished with powder coated paint. The 75 mm gap between the two walls is filled with high grade glass wool insulation to prevent loss of heat and thereby saving energy. Air is circulated by heavy duty blower to maintain inside temp. Uniformity with minimum temp. gradient throughout the working chamber. Brackets to support the heavily laden perforated trays at different height are provided on the sides of inner chamber. The front door with sturdy hinges are also double walled with gap between two walls filled with glass wool insulation. The door also has system to prevent opening.

HEATING: - Heating is done by Tubular air heaters placed in the moving air path. These are interlocked with blower. Ventilation with adjustable opening on the top facilitates flueing away of any fumes or vapours produced during the process.

TEMP CONTROL: - The temperature is controlled by Digital temp. Controller cum Indicator with an accuracy of 5 C over range of 50 C to 250 C +/- 5 C. The equipment is tested for continuous performance & safe operation is out most modern testing laboratory. It is securely packed to avoid any transit damage during dispatch.

Control Panel: - The Control panel includes a Main switch to ON/OFF the unit, mains indicator and digital temperature controller, Heater Controller cum indicator to maintain & observe the temperature.

POWER SUPPLY: - The unit is supplied complete in all respect. It is suitable to work on 220V, 50 HZ single phase or 440 V, three phase Ac depending upon the size

OPTIONAL ACCESSORIES:

1. Timer

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