

MODEL NO.: YSI-436

YSI INDUSTRIAL DRYING OVEN

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 YSI, Coils, EHT Coils, Transformers etc.

Construction : The construction is double walled on sturdy angle iron frame with both inner and outer walls of thick CRC sheet which is duly pretreated for surface treatment & finished with powder coated paint. The inner wall is painted with high temp. aluminium paint to withstand long duration heating cycles normally required in industrial applications, and the 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 a heavy duty blower to maintain inside temperature uniformity with a minimum temperature gradient throughout the working chamber. Brackets to support the heavily laden perforated trays at different height are provided on the sides of the inner chamber. The front door with sturdy hinges are also double-walled with gap between the two walls filled-in with high grade glass wool insulation. The door also have 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 facilities flueing away of any fumes or vapours produced during the process.

Temp. Control : The temperature is controlled by Digital Temperature Controller cum Indicator with an accuracy of 5°C over a range of 50°C to 250°C ± 5°C. The equipment is tested for continuous performance & safe operation in out most modern testing laboratory. It is securely packed to avoid any transit damage during despatch.

Control Panel : The Control panel include 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 :

- Timer



Size of inner chamber :

W	x	H	x	D	Tray Cap.	Load
90	x	90	x	60 cms (3' x 3' x 2')	12	5 KW
90	x	90	x	90 cms (3' x 3' x 3')	18	6 KW
90	x	120	x	90 cms (3' x 4' x 3')	24	7 KW
90	x	150	x	90 cms (3' x 5' x 3')	24	10 KW
90	x	180	x	60 cms (3' x 6' x 2')	36	10 KW
90	x	180	x	90 cms (3' x 6' x 3')	48	15 KW
90	x	240	x	90 cms (3' x 8' x 3')	60	15 KW
120	x	240	x	90 cms (4' x 8' x 3')	96	18 KW
120	x	180	x	120 cms (4' x 6' x 4')	48	18 KW

MODEL NO.: YSI-436T

YSI TRAY DRYER

Same as YSI-436 but with aluminium trays & M.S. Trolley, but temperature range ambient to 150°C Controlled with Digital temp. Controller cum Indicator.

Size of Inner chamber :

W	x	H	x	D	Tray	Load
430	x	840	x	915 mm	12	4 kw
915	x	840	x	915 mm	24	6 kw
965	x	1275	x	1450 mm	48	10 kw
965	x	1700	x	1700 mm	96	20 kw

TEMPERATURE CONTROL