

# TRAY DRYER

Conventional Operation  
through cGMP features



The Tray Dryer promises the best of both World conventional operation with the added Edge of cGMP feature:

- ! All internals with rounded contours.

## SALIENT FEATURES

- ! Covered drives
- ! Two tier trolley with S.S. Rollers
- ! Advanced Controls
- ! Improved design-double door provision
- ! Enhance performance by total insulation
- ! Inlet Air-H. E. A. Filtered
- ! Its state-of-the-art internal design incorporating:
  - ! Rounded corners and angles
  - ! Easy accessibility of internals for Hygienic cleaning.
- ! Even thermal distribution internally all over the chamber with a variation  $\pm 2^{\circ}\text{c}$

## CAPACITY OFFERED

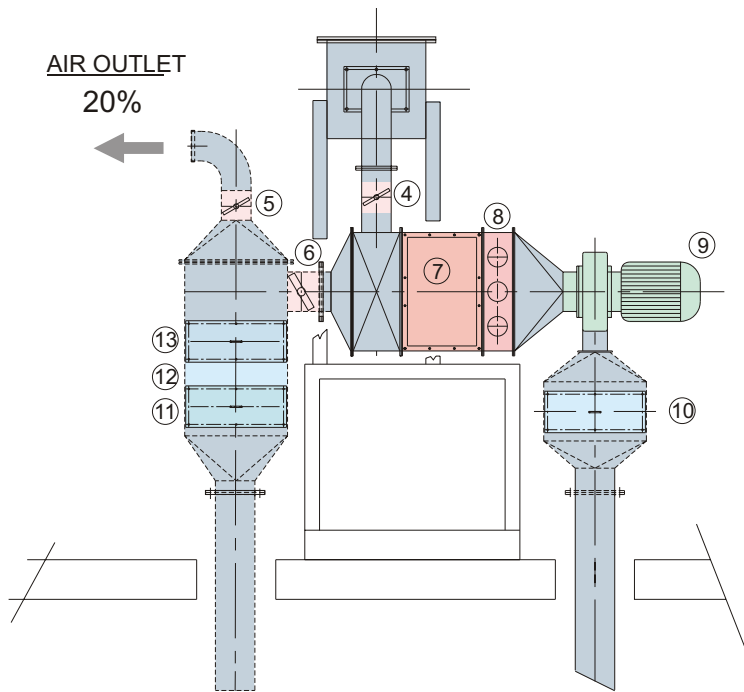
- ! 6 Trays. Single Door
- ! 12 Trays. Single Door
- ! 24 Trays. Single/Double Door
- ! 48 Trays. Single/Double Door
- ! 96 Trays. Single/Double Door



## AIR PREPARATION STATION

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| PART NO. | DESCRIPTION        | SIZE IN MM.      |
|----------|--------------------|------------------|
| 1        | G4 Filter          | 450 x 450 x 150  |
| 2        | Dehumidifier       | 250 x 250 x 1000 |
| 3        | Splash Guard       | 450 x 450 x 100  |
| 4/5      | Manual OP. Valve   | 150 Ø            |
| 6        | Manual OP. Valve   | 200 Ø            |
| 7        | Steam Heater       | 400 x 400 x 450  |
| 8        | Electric Heater    | 450 x 450 x 150  |
| 9        | Motoventilator Set | 2000 CFM         |
| 10       | F9 Filter          | 450 x 450 x 150  |
| 11       | G4 Filter          | 450 x 450 x 150  |
| 12       | F9 Filter          | 450 x 450 x 150  |
| 13       | H 13 Filter        | 450 x 450 x 150  |



## TECHNICAL SPECIFICATION

| Models                                       | Bo-12                       | Bo-24                       | Bo-48                     | Bo-96                          | Bo-192                         |
|--|-----------------------------|-----------------------------|---------------------------|--------------------------------|--------------------------------|
| Loading capacity                             | 12 Trays<br>W D H           | 24 Trays<br>W D H           | 48 Trays<br>W D H         | 96 Trays<br>W D H              | 192 Trays<br>W D H             |
| External Dimension in mm                     | 1370 x 530<br>x 940         | 1370 x 940<br>x 940         | 1980 x 1020<br>x 1880     | 3320 x 1020<br>x 1880          | 3320 x 1900<br>x 1880          |
| Internal Dimension in mm                     | 840 x 430<br>x 840          | 840 x 860<br>x 840          | 1020 x 930<br>x 1830      | 1960 x 930<br>x 1830           | 1960 x 1750<br>x 1830          |
| No. of Doors                                 | One                         | One                         | One                       | Two                            | Two                            |
| No. of Blowers                               | One                         | Two                         | One                       | Two                            | Four                           |
| No. of motors / H.P.<br>3 Phase 415 volts.   | 1/0.5 H.P.<br>3 phase 415V. | 1/0.5 H.P.<br>3 phase 415V. | 1/1 H.P.<br>3 phase 415V. | 2/1 H.P. each<br>3 phase 415V. | 4/1 H.P. each<br>3 phase 415V. |
| Electrical Heating Load<br>100°C/200°C/300°C | 3kw/6kw/9kw                 | 6kw/9kw/12kw                | 9kw/15kw/18kw             | 15kw/21kw/27kw                 | 36kw/42kw/48kw                 |
| Steam Heater<br>No. of Coils                 | 2                           | 2                           | 2                         | 2                              | 2                              |
| Steam Pressure                               | 3.3 kg/cm <sup>2</sup>      | 3.3 kg/cm <sup>2</sup>      | 3.3 kg/cm <sup>2</sup>    | 3.3 kg/cm <sup>2</sup>         | 3.3 kg/cm <sup>2</sup>         |
| Steam Consumption                            | 25 LBS/hr                   | 45 LBS/hr                   | 60 LBS/hr                 | 80 LBS/hr                      | 120 LBS/hr                     |
| Insulation in mm<br>100°C/200°C/300°C        | 50/75/75                    | 50 / 75 / 75                | 50 / 75 / 75              | 50 / 75 / 75                   | 50 / 75 / 75                   |
| No. of Trolleys                              | Rack System                 | Rack System                 | One                       | Two                            | Four                           |
| Tray Size                                    | 812 x 406 x 31              | 812 x 406 x 31              | 812 x 406 x 31            | 812 x 406 x 31                 | 812 x 406 x 31                 |
| Trolley Dimension                            | Fixed Racks                 | Fixed Racks                 | 840 x 960 x 1780          | 840 x 960 x 1780               | 840 x 960 x 1780               |



Specification and technical data are subject to change without prior notice



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