



## Vertical Screen Frame Drying Cabinets

Natgraph manufactures a complete range of Vertical Screen Frame Drying Cabinets to dry wet screen frames in the upright position after de-greasing, stencil removal or stencil processing (image wash-out) in the minimum of floorspace. Coated screens can also be dried in these cabinets, depending upon the emulsion and image type.

Available in 5 standard sizes, each accepting 10 frames, these units will dry screen frames to print all medium to large print formats. Special versions have been manufactured for larger quantities of frames, or for extra large 'jumbo' print formats, the biggest one so far is 3.8m x 2.3m.

These cabinets utilise Natgraph's world renowned drying systems technology to achieve high air volumes and speeds, resulting in unrivalled efficiency and consistency of temperature across the whole screen, a must for today's high quality graphic and industrial applications.



**Natgraph**

Built Stencil

**Natgraph**

Frames, Mesh & Stencils  
supplied by Coates Screen

Frames, Mesh & Stencils  
supplied by Coates Screen

**Natgraph**

Frames, Mesh & Stencils  
supplied by Coates Screen

**Natgraph**

Frames, Mesh & Stencils  
supplied by Coates Screen

## Vertical Screen Frame Drying Cabinets

The Natgraph range of Vertical Screen Frame Drying Cabinets has been developed to dry wet screen frames in the upright position after de-greasing, stencil removal or stencil processing (image wash-out). Coated screens can also be dried in these cabinets, depending upon the emulsion and image type.

Available in 5 standard sizes, each accepting 10 or more screen frames (2 smaller frames can be inserted in each position), these units will dry screen frames to print all medium to large print formats. Special versions have been manufactured for larger quantities of frames, or for extra large 'jumbo' print formats, the largest one so far is 3.8m x 2.3m.

Drying of wet screens is achieved with large volumes of recirculated air blown between the frames at high speed. To ensure there is no change in the screen frame size, the drying is achieved by low temperature air passed each side of the mesh. The temperature of the recirculated air is regulated by a programmable controller linked to a platinum resistance sensor located within the air path. A high efficiency fan system forces the air through a 'jet wall' which forms the complete back of the cabinet, then past each side of the screen frames and up into a suction inlet located at the top front of the cabinet.

The screen frames are therefore within a high speed, high volume, temperature controlled and filtered air chamber, providing efficient operation with even temperatures and drying rates over the complete screen frame. An adjustable damper provides control of the waste air to be exhausted out of the unit and the fresh air intake passes through a replaceable air filter.

All models accept 10 screen frames, can be easily loaded into the stainless steel angled base sections. These have been made with upright galvanised steel support tubes for the screen frame to rest against. This system, combined with 2 full sized insulated access doors, makes loading/unloading a one person operation, even with the largest of frame sizes.

The cabinets have full sized access panels for maintenance, are on castors for mobility and have adjustable feet for final positioning.

These units require a single phase power supply.

### Vertical Screen Frame Drying Cabinet

- Accepts 10 or more screen frames
- High speed drying
- Low temperature operation
- Programmable temperature control
- Adjustable damper for exhaust air
- Air filter for inlet air
- Easy slide in stainless steel base
- Fully insulated
- Available in 5 sizes



Easy load & unload



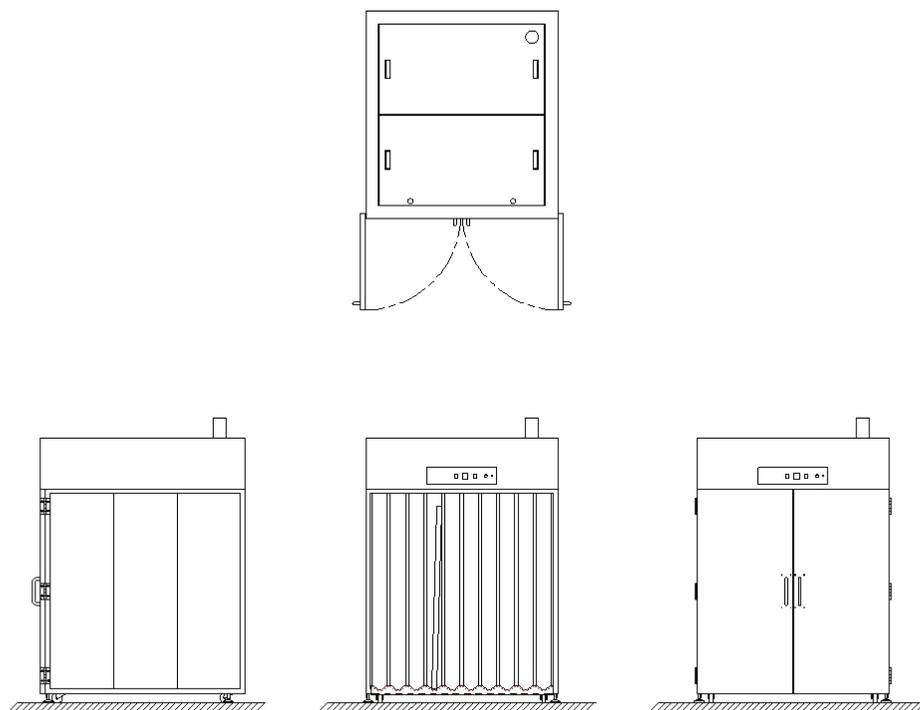
Accepts 10 or more screen frames



Programmable temperature control



3.8m x 2.3m Vertical Drying Cabinet



VERTICAL DRYING CABINET  
MODEL 2

## Specifications: Vertical Screen Frame Drying Cabinets

Model No.	1	2	3	4	5
<b>Maximum Frame Size</b>	125 x 99cm (49" x 39")	143 x 122cm (56" x 48")	173 x 143cm (68" x 56")	221 x 173cm (87" x 68")	315 x 173cm (124" x 68")
<b>Height</b>	211cm (83")	230cm (91")	230cm (91")	260cm (103")	260cm (103")
<b>Width</b>	155cm (61")				
<b>Depth</b>	150cm (59")	172cm (68")	224cm (88")	272cm (107")	365cm (144")
<b>Weight</b>	267kgs. (588lbs.)	304kgs. (670lbs.)	334kgs. (736lbs.)	435kgs. (959lbs.)	550kgs. (1213lbs.)
<b>Voltage</b>	Single Phase 230V 50Hz.AC				
<b>Power</b>	3kW	3kW	tbc	tbc	tbc
<b>Current</b>	13 Amps	13 Amps	tbc	tbc	tbc

The manufacturer's policy is one of continuous improvement and the manufacturer therefore reserves the right to change or modify the design without prior notice. The technical specifications given are therefore for information only.

Download our brochures at:  
[www.natgraph.co.uk](http://www.natgraph.co.uk)

t +44 (0) 115 97 95 800  
f +44 (0) 115 97 95 700  
e [info@natgraph.co.uk](mailto:info@natgraph.co.uk)

Natgraph Ltd,  
Dabell Avenue,  
Blenheim Industrial Estate,  
Nottingham, NG6 8WA, UK