

Natgraph



Horizontal Screen Frame Drying Cabinets

Natgraph manufactures a range of Screen Frame Drying Cabinets for every application, these high specification units have been developed to provide a high speed, fully controlled drying system. Large volumes of recirculated air pass each side of the photo stencil, providing efficient drying and ensuring that the complete frame is maintained at the same temperature, vital for good print definition.

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 screen printing applications.

SCREEN FRAME DRYING CABINET

Natgraph

NATGRAPH LTD · NOTTINGHAM · ENGLAND



Horizontal Screen Frame Drying Cabinets

The Natgraph Horizontal Screen Frame Drying Cabinets have been developed to provide fast drying of photo stencils and screen frames in controlled drying conditions. Available in 5 standard sizes, these units will accept screen frames to print all popular medium to large print formats.

The cabinets have 5 drying levels, each with 2 sliding frame support bars to accept any frame size within the unit's capacity. As an option, a set of 'T' bars can be fitted to allow 2 smaller frames on each level.

Drying of the coated screens or capillary film is achieved with large volumes of recirculated air blown between the screen frames at high speed. To ensure there is no change in the screen frame size, the drying is achieved by the air passed above and below the stencil. The temperature of the recirculated air is regulated by a programmable controller linked to a platinum resistance sensor located within the air path. The air is forced through a 'jet wall' forming one complete internal side of the cabinet, with a 'suction wall' forming the opposite side. The screen frames sit within this high speed, high volume, temperature controlled air chamber, thus efficient operation with an even temperature and drying rate over the complete frame is ensured.

An adjustable damper provides control of the exhaust air and the fresh make up air passes through a replaceable air filter located on the side of the cabinet. 2 full sized, insulated access doors are provided at the front of the unit.

These cabinets are supplied with a useful work top as standard, but can also be manufactured with an optional fan cooled, illuminated glass top with diffuser to aid film positive/stencil comparison and 'stencil touch up'. All models are fully insulated with a double skinned construction, full sized access doors for maintenance, are on castors for mobility and have adjustable feet for final positioning.

Horizontal Screen Frame Drying Cabinet

- High speed drying
- Low temperature operation
- Programmable temperature control
- Adjustable damper for exhaust air
- Air filter for inlet air
- Adjustable frame support bars
- Fully insulated
- Optional illuminated top
- Optional 'T' bars
- Available in 5 sizes



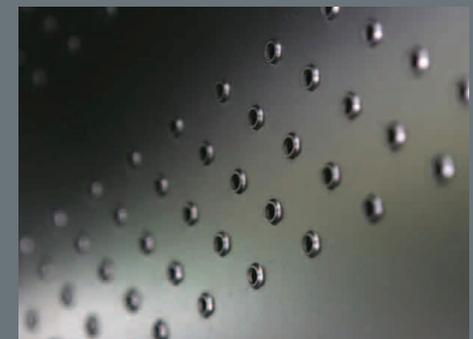
Optional adjustable 'T' bars



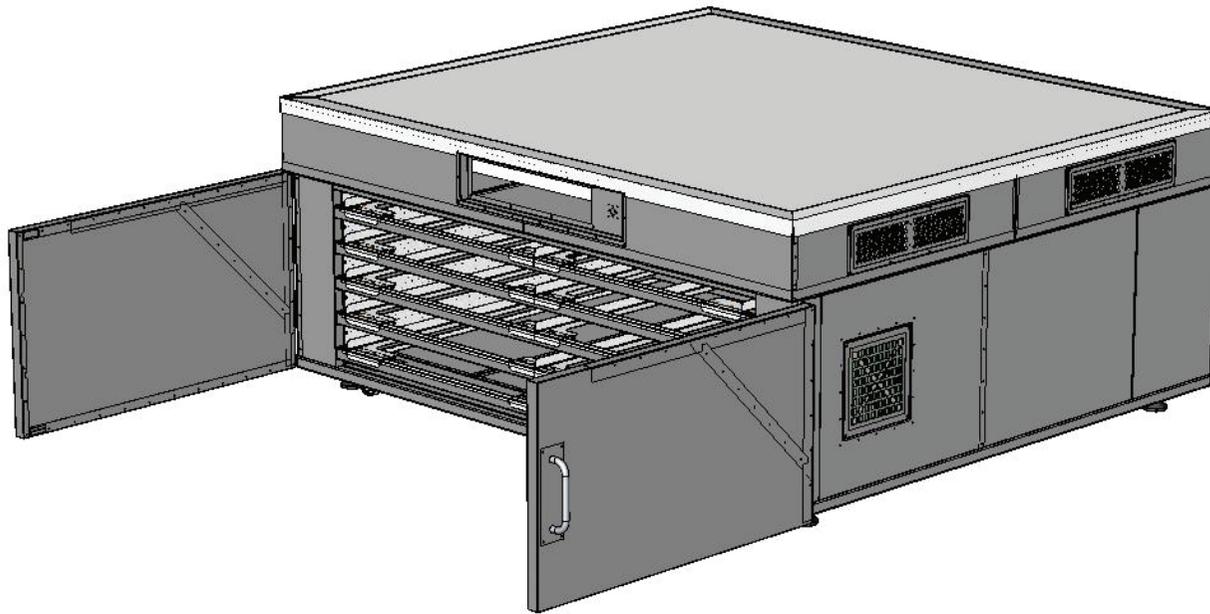
Programmable temperature control



Air intake filter



Forced air jet wall



Specifications: Horizontal Screen Frame Drying Cabinets

Model No.	1	2	3	4	5
Maximum Frame Size	125 x 99cm (49" x 39")	143 x 122cm (56" x 48")	173 x 143cm (68" x 56")	221 x 173cm (87" x 68")	320 x 180cm (126" x 71")
Height	102cm (40")				
Width (+ 10cm exhaust spigot)	168cm (66")	183cm (72")	231cm (91")	261cm (103")	355cm (140")
Depth	170cm (67")	185cm (73")	206cm (81")	236cm (93")	236cm (93")
Weight (illuminated)	267kgs. (590lbs.)	304kgs. (670lbs.)	334kgs. (736lbs.)	420kgs. (925lbs.)	550kgs. (1210lbs.)
Voltage	Single Phase 230V 50Hz.AC				
Power	tbc	tbc	tbc	tbc	tbc
Current (illuminated)	tbc	tbc	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

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

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