

Main Application: Screen Printing

Forced Hot Air GAS Modular Dryer



Features

The Fahrenheit Dryer is designed to rapidly dry any kind of ink from a temperature of 100°C up to a maximum of 200°C.

- Available in various sizes, this dryer forms a modular structure to adapt to various production requirements.
- Provided with an extractor fan and hood located at both sides of the dryer for the expulsion of exhaust fumes and vapours.
- Equipped with internal diagnostics to detect malfunctioning and faults, if any.
- Height adjustment of the hot air emission surfaces from 50 to 140 mm.
- Forced air recirculation system designed to make the preset temperature uniform.
- Protective filters to keep the fans and ducts clean and ensure efficiency over time.
- Provided with pneumatic system for belt centring and tensioning.
- Belt speed and temperature are adjustable directly on control panel.
- Designed to dry both Plastisol and water-based inks.

Optionals

- Forced hot air system to dry water-based inks
- Outfeed cooling hood

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Modular Solutions

- Belt Width: 1600 or 1800 mm
- Tunnel Length: from 6, 8, to over 10 metri
- Inlet and Outlet: 1500 mm plus 500 mm modules on Demand
- Optional Cooling Hood



**forced
hot air
ventilation**



**temperature
control
up to 200°C**



**structure
heavily
insulated**



**power
consumption
minimized**

TECHNICAL DATA	Fahrenheit 6160/6180	Fahrenheit 8160/8180	Fahrenheit 10180
Electrical Requirements	400V 3P + N + PE		
Air Pressure	6 bar		
Temperature (max)	200°C		
Power Consumption (max)	5,4 / 6,8 kw	8 kW	9,1 kW
Current	14,8 / 17,5 A	22,5 A	22,5 A
Belt Width	1550 / 1750 mm	1550 / 1750 mm	1750 mm
Total Width	2300 / 2500 mm	2300 / 2500 mm	2500 mm
Tunnel Length	6000 mm	8000 mm	10 000 mm
Inlet/Outlet Length	1500 mm + 500 mm modules on demand		
Total Length (standard)	9000 mm	11 000 mm	13 000 mm
Exhaust Fumes Pipe diameter	Ø 300 mm		
Exhaust Fumes Flow rate	2000 m ³ /h	4000 m ³ /h	4000 m ³ /h
Forced Air Flow rate	6000 m ³ /h	8000 m ³ /h	10 000 m ³ /h
Production	600 pieces/h	850 pieces/h	1100 pieces/h
Weight	3200 kg	3700 kg	4100 kg
*Production of T-Shirt - Printing Area: A4 - Curing Time 1,5 minutes			