



NPII Electric Graphics Dryers



NPII Series

HIX® Corporation first began designing, engineering, and manufacturing high quality conveyor dryers for the graphics industry over 60 years ago. Our name is synonymous with quality, and we're the benchmark that all other dryer manufacturers have tried to match.

We continue to evaluate the graphics industry and the needs of our customers to make sure we provide the most durable, energy efficient, and modern products available.

Through the years our dryers have been used in literally thousands of screen-printing shops around the world and even today we get calls from customers that are still using our dryers that are 20, 25, even 30 years old. That in itself is the ultimate testimony to the quality of the products we manufacture.

The HIX® Premier® NPII electric conveyor dryers set the industry standard for efficiency. With up to 97% of the heated air being recirculated within the oven chamber, these dryers use less energy to heat and maintain the required process



Premier® NPII-3610 Graphic Dryer
with 2' In/Out Feed

*Shown with 2 optional
Fume Hoods*

Features:

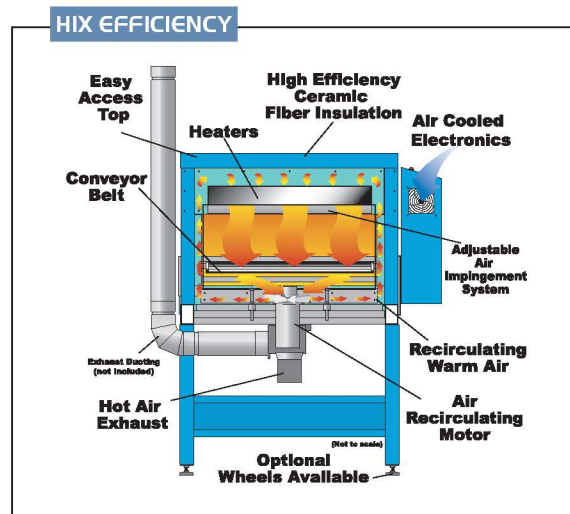
- All Infra-Red heating elements are HIX factory-designed and manufactured. Heater sizes are model-specific and all elements carry a 3-year first-owner warranty.
- Powerful blower motor(s) provide convection-style high-speed recirculating hot air for quick drying and curing of plastisol, waterbase, discharge and DTG inks.
- All Premier models are Certified Green® energy-efficient. The top and side walls are insulated and cool to the touch and the dryer doors are adjustable. As a result, up to 97% of the hot air is recirculated.
- Interior heat chambers are manufactured with corrosion-resistant galvanized steel, safe from moisture, chemicals and corrosive, volatile vapors and inks.
- A side-mounted control panel and bottom-mounted exhaust allows for easy access to the heater panels while keeping sensitive controls away from the heat source.
- Heavy-duty belt drive and motor with permanently lubricated ball bearings provides long and maintenance-free service.
- Digital temperature controller, adjustable air speed and belt speed are standard.
- All models up to the NPII-4819 are CE & ETL certified to UL & CSA Standards.
- Optional entry and exit belt conveyor extensions are available to accommodate a customer's required footprint.
- Optional wheel kit for easy mobility and transport.
- Optional integrated fume hoods for additional evacuation of volatile fumes.

Electric Graphics Dryers

temperature. The HIX factory-built Infra-Red heating elements are specifically designed for each dryer size to provide the highest level of performance available, and they are backed by a 3-year factory warranty.

These dryers are equipped with adjustable doors on the oven chamber openings to minimize the heat loss, and the premium insulation keeps the heat on the inside instead of allowing it to radiate to the outside surfaces.

HIX Premier electric conveyor dryers provide extended hours of maintenance free operation with digital controllers in the side mounted control panel, corrosion resistant interior walls, durable fiberglass conveyor belts, and an industrial grade belt drive and motor with permanently lubricated bearings.



NP11-3616

(Shirts not included)

Specifications:

PREMIER® ELECTRIC DRYERS	PREMIER® NP11-2410	PREMIER® NP11-3610	PREMIER® NP11-3616	PREMIER® NP11-3619	PREMIER® NP11-4819	PREMIER® NP11-6019
Belt width (inch)	24"	36"	36"	36"	48"	60"
Total length (feet)	10'	10'	16'	19'	19'	19'
Oven length (inch)	60"	60"	96"	132"	132"	132"
Voltage/phase	220V/1Ph	220V/3Ph	220V/3Ph	220V/3Ph	220V/3Ph	220V/3Ph
Amp	45A	32A	50A	70A	95A	120A
kW/BTU	9.6 / 32,726	11.4 / 38,874	20.3 / 69,223	27.2 / 92,752	38.4 / 130,944	46.1 / 157,200
# heater panels / Ohm	3/18Ω	3/14.5Ω	6/17Ω	9/19Ω	12/18Ω	12/15Ω
Recirculating airflow (cfm)	1,300	1,300	2,000	4,000	4,000	4,000
Exhaust airflow (cfm)	136	136	216	326	326	326
Production estimate (#/hr) ¹	(1 wide)	(1 wide)	(1 wide)	(1 wide)	(2 wide)	(2 wide)
Textiles (60 - 90 s)	180 - 120	180 - 120	280 - 190	380 - 250	760 - 500	760 - 500

¹ * 15" x 15" print occupying a belt space of about 20" x 20" for 60 seconds or 90 seconds curing time for waterbase & plastisol inks.

Note: Actual output will depend on substrate retention time in the oven, print size, and efficiency of operator. These are production estimates only.

HIX

CORPORATION

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Pricing & specifications subject to change without notice.

All items will be subject to a minimum 25% restocking fee. Claims for return or allowance must be made within 30 days of invoice date. All equipment must be unused with original packaging in new condition and is subject to inspection upon return. Purchaser is responsible for return shipment. Contact sales with questions regarding return of new items.

HIX® Corporation recommends all equipment is installed with surge protection and in a climate controlled environment for best results.



100% Made in the USA – HIX® has its own 110,000 sq ft manufacturing facility with its very own fully integrated aluminum foundry, metal laser cutter,

CNC mill operations, welding, brake/ metal forming, wiring, fabrication, assembly, and packaging departments.