

HIX CORPORATION

HIX Premier Gas Dryers



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HIX® Corporation first began designing, engineering, and manufacturing high quality conveyor dryers for the graphics industry almost 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.

If high production and cost efficiency are requirements for your business, the HIX® Premier® HG gas conveyor dryers are the solution. Each dryer has been engineered with a highly efficient gas burner and recirculating air system that



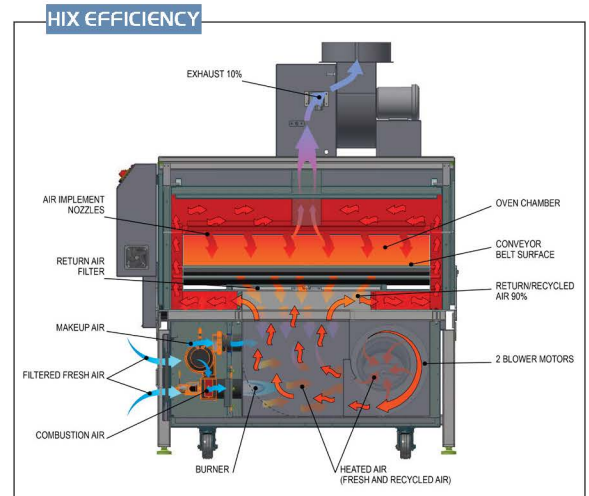
Features:

- HIX factory-designed and manufactured to UL-795 safety standards.
- Airflow-optimized heat chamber creates an evenly distributed, continuous, high-velocity air impingement for rapid drying and curing.
- High-resolution gas modulating valve is capable of achieving a very accurate temperature range of +/- 5F.
- Fresh air combustion minimizes the NO and CO-emissions and provides a more efficient combustion.
- Safety controls include a high-temperature limit switch, combustion air proving switch, exhaust air flow proving switch, and recirculating air flow proving switch.
- Side-mounted control panel includes a digital temperature controller, digital belt speed controller, emergency power switch, and diagnostic indicator lights for the combustion air, exhaust air, and high-temperature circuit proving switches.
- Interior heat chambers are manufactured with corrosion-resistant galvanized steel, safe from moisture, chemicals and corrosive volatile vapors and inks.
- Easy access to filters for cleaning and removable top panels for easy maintenance.

recycles up to 90% of the heated air to maintain a precise, consistent oven temperature while consuming less energy.

The HG series of gas dryers are designed for all types of screen print and DTG inks and virtually any substrate. The variable air speed controller, digital temperature controller, and belt speed controller provide total control over the dryer's process settings.

With belt widths from 36" to 72" and dryer lengths up to 20 feet, production rates of up to 800 garments per hour are achievable making the HIX Premier HG gas dryer the perfect companion to manual, automated, and DTG printers.



Premier® HG-4820 Graphic Dryer
with 2' In/Out Feed

*Shown with optional
Wheel Kit*

Specifications:

PREMIER® GAS DRYERS	PREMIER® HG-3612	PREMIER® HG-4818	PREMIER® HG-6020	PREMIER® HG-7220
Belt width (inch)	36"	48"	60"	72"
Total length (feet)	12'	18'	20'	20'
Oven length (inch)	72'	96"	132"	132"
Voltage/phase	120V/220V/1PH	220V/3PH	220V/3PH	220V/3PH
Amp	5-8A	10A	10A	10A
BTU	39,000-85,000	100,000-250,000	100,000-250,000	100,000-250,000
Recirculating airflow (cfm)	1,000	3,500	3,500	3,500
Exhaust airflow (cfm)	450	1,000	1,000	1,000
Gas Line Inlet Diameter (Inch)	3/4"	1/2"	1/2"	1/2"
Gas Pressure Requirement	7" WC	Min-6" WC/Max-10" WC	Min-6" WC/Max-10" WC	Min-6" WC/Max-10" WC
Production estimate (#/hr) ¹	70 - 140	250 - 400	400 - 800	800 - 1,100
Shipping Method	CRATED	SHIPS DEDICATED	SHIPS DEDICATED	SHIPS DEDICATED

HIX[®]

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Specifications subject to change without notice.



100% Made in the USA – HIX[®] has its own 110,000 sq ft manufacturing facility with its very own fully integrated aluminum foundry, CNC mill operation, welding, metal forming, wiring, fabrication, assembly, and packaging departments.