

American
PHOENIX IR
Solid-state Electric Textile Dryer



ADVANTAGES

- Air Control and Recirculation System
- Digital Variable Belt Speed Control
- Control Panel can be mounted on either side of dryer
- Tool-Free Access To Heat Panels
- Easy Heat Panel Height Adjustment
- Highly Effective Outside-Access Filter System
- Easy Conveyor Belt Tracking Control
- Quality Heat-Resistant Fiberlon™ Conveyor Belt
- Variable Speed Exhaust Blower
- Adjustable Chamber Aperture Panels
- Internet-based Remote Diagnostics for instant, worldwide service

A.W.T.'s heavy-duty Phoenix Turbo IR™ solid state electric dryer is designed for efficient, high-performance drying of plastisol and water-based inks in production environments. A suite of user-friendly features place outstanding reliability and convenience at your fingertips.

The Phoenix Turbo IR features a unique cure/dry system that performs up to 40% faster than conventional infrared dryers. The heating chamber contains multiple radiant panels with forced-air recirculation that provides a cooling airflow to facilitate fast curing at higher temperatures while eliminating scorching.

Digital temperature and belt-speed displays streamline setups for repeat operations. Easily-adjustable radiant panel height and adjustable chamber aperture panels ensure total control of the curing process for maximum flexibility and efficiency.

Options include Quartz Preheat/Reheat Zones, Ambient Air Cooling Stations, Additional Heating Chambers, Stainless Steel Lining Inserts, additional conveyor lengths, and conversion to 50 Hz.



Manufactured by
American
Division of The A.W.T. World Trade Group

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THE PHOENIX TURBO IR

UP TO 40% FASTER THAN CONVENTIONAL INFRARED DRYERS

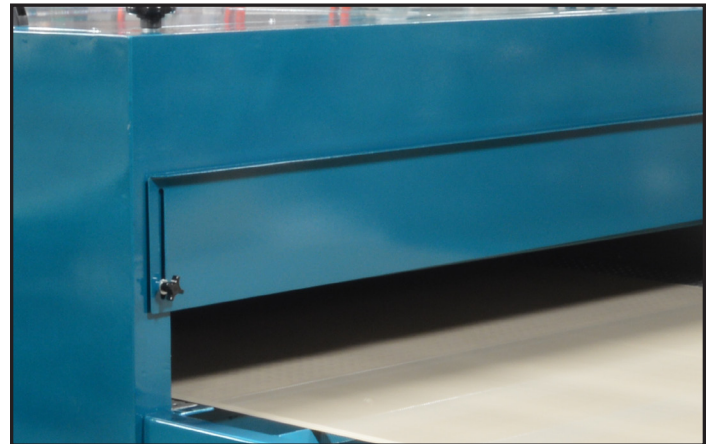
Standard Features

- 10' heating chamber infrared heating system
- 5' infeed with 2' outfeed
- Easy-to-use control panel with visual display of operations and parameters
- Temperature of up to 450°F (232°C)
- Air recirculation system for uniform drying
- Variable speed exhaust blower
- Double-wall construction retains heat and is cool to the touch
- Variable speed conveyor drive
- Quality Fiberlon conveyor belt
- Convenient height-adjustment knobs for heat panels provide tool-free access to radiant panels
- Adjustable chamber aperture panels

Options and Accessories

- Additional dryer chamber sections
- Quartz preheat and reheat zones with independent solid-state temperature controls

- Ambient-air cooling stations (4' or 8')
- Variable-speed adjustable airflow
- Extra conveyor lengths
- Spare parts package
- Conversion to 50Hz



Adjustable Aperture Panels are located at both ends of the Phoenix Turbo IR.

CAT. NO.	DESCRIPTION	CONVEYOR WIDTH	CONVEYOR INFEEED	HEATING CHAMBER	CONVEYOR OUTFEED	ELECTRICAL REQUIREMENTS*
PHOENIX-4810	Solid-state, Infrared Electric Dryer without Preheat	48" (121.9cm)	5' (152.4cm)	10' (304.8cm)	2' (60.9cm)	230V, 3PH, 60Hz
PHOENIX-6010	Solid-state, Infrared Electric Dryer without Preheat	60" (152.4cm)	5' (152.4cm)	10' (304.8cm)	2' (60.9cm)	230V, 3PH, 60Hz
PHOENIX-7210	Solid-state, Infrared Electric Dryer without Preheat	72" (182.9cm)	5' (152.4cm)	10' (304.8cm)	2' (60.9cm)	230V, 3PH, 60Hz
PHOENIX-8410	Solid-state, Infrared Electric Dryer without Preheat	84" (213.4cm)	5' (152.4cm)	10' (304.8cm)	2' (60.9cm)	230V, 3PH, 60Hz
PHOENIX-9610X	Solid-state, Infrared Electric Dryer without Preheat	96" (243.8cm)	5' (152.4cm)	10' (304.8cm)	2' (60.9cm)	230V, 3PH, 60Hz

* 380-415V, 3PH, 50Hz models available



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