



REDSTAR SERIES

**Energy Efficient
Infrared
Heat Panels**



STANDARD FEATURES

- ◆ Swivel Controls- easy viewing -fan cooled controls -Digital temperature controller – Adjustable belt speed (0-35 fpm)
- ◆ High Performance Infrared Heat Panels with Heater Fault Lights
- ◆ Triple Wall Construction with “Cool skin” Technology
- ◆ Powered Exhaust to extract moisture, vapor & fumes
- ◆ Teflon Coated Fiberglass Belt
- ◆ Easy Height Adjustable Heat Panels
- ◆ Adjustable Entrance & Exit Gates up to 8”
- ◆ Direct Chain Drive Motor with 4 point belt tracking



High Production Infrared Curing and Drying. The RedStar series electric infrared conveyor dryer offers radiant panels that thoroughly cure nylon and plastisol inks used in high production. Economical to operate as 90% of the electrical energy is directed to the conveyor belt or substrate through our efficient design. Our dryers are also ideal for industrial process heating applications. If comparing wattage use per hour to the number of t-shirts cured per hour it will be hard to beat RedStar production rates!

Ranar - Efficient Quality & Long Lasting!

RANAR SCREEN PRINTING EQUIPMENT, INC SALES@RANAR.COM
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Missouri Department of
Economic Development





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OPTIONAL FEATURES

- ◆ Bottle Height (increase oven gates height to 14")
- ◆ Modular Design to extended conveyor with additional 4, 6, and 8 foot sections.
- ◆ Belt Options: solid silicone, stainless steel, or Kevlar reinforced fabric. Tracking guides are optional.
- ◆ Deck Options: Solid or Stainless



APPLICATIONS

- | | | |
|---------------------|-------------------|-----------------------------|
| ◇ Textiles | ◇ Glass | ◇ Paper |
| ◇ Signs (Coroplast) | ◇ Process Heating | ◇ Ceramics |
| ◇ Pad Printing | ◇ Metal | ◇ Electronic Circuit Boards |
| ◇ Graphics | ◇ Plastics | |

| RedStar Series Model | D-420 | D-630 | D-840 | D-420-3 | D-630-3 | D-840-3 | D-630-4 | D-840-4 | D-840-5 |
|----------------------------------|-------|-------|-------|---------|---------|---------|---------|---------|---------|
| Voltage (VAC) | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 |
| Wattage (kW) | 4 | 6 | 8 | 6 | 9 | 12 | 12 | 16 | 20 |
| Amp | 17 | 25 | 34 | 25 | 38 | 50 | 50 | 67 | 84 |
| Belt Width (in) | 24 | 24 | 24 | 36 | 36 | 36 | 48 | 48 | 60 |
| Conveyor Length (ft) | 8 | 12 | 16 | 8 | 12 | 16 | 12 | 16 | 16 |
| Tunnel Length (ft) | 4 | 6 | 8 | 4 | 6 | 8 | 6 | 8 | 8 |
| # of Heat Panels | 2 | 3 | 4 | 2 | 3 | 4 | 3 | 4 | 4 |
| Product per Hour (Plastisol Ink) | 225 | 325 | 450 | 400 | 550 | 700 | 900 | 1200 | 1500 |

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