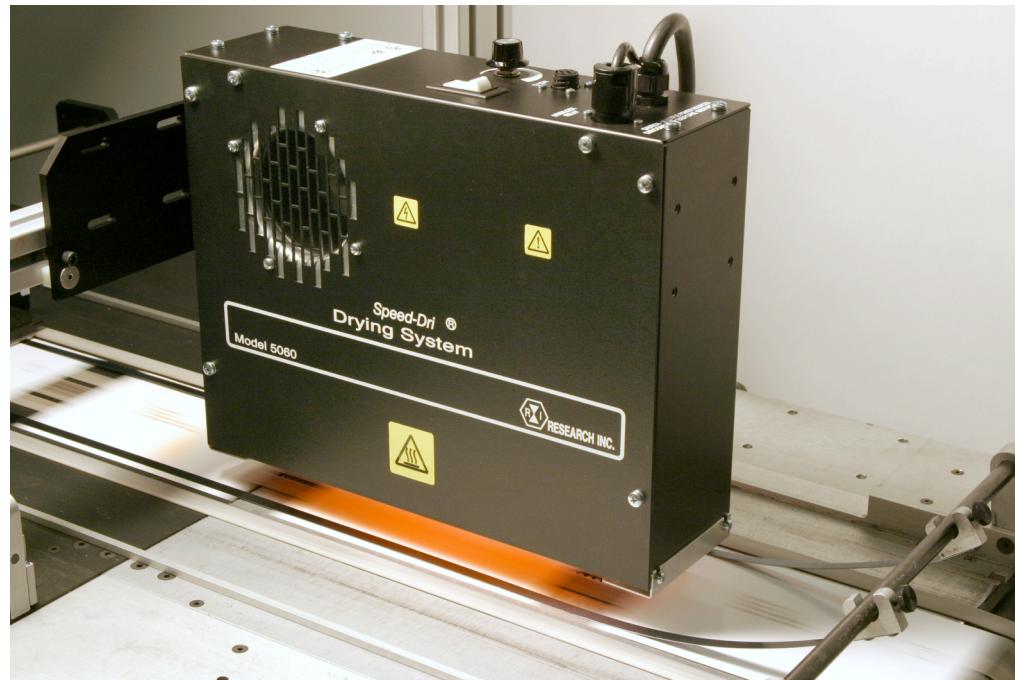




# Infrared Ink Drying Systems

## Model 5060 Speed-Dri by RESEARCH INC.



### Infrared Drying. Increased Line Speeds.

The Model 5060 Speed-Dri Ink Drying System provides instantaneous infrared and convection technologies to dry ink printed on target areas up to four inches (102 mm) wide. Dependent on application specifics, web speeds of up to 350 feet/min (107 m/min) can be achieved using the Model 5060 Speed-Dri.

The Model 5060 Speed-Dri makes it simple to add extra capability enabling increased line speeds. Designed for easy installation, low operation cost, and minimal maintenance, the system is an economical solution for improving throughput resulting in increased profitability.

### Features and Benefits

- Array of fast responding, medium quartz lamps.
- Heats directly to the printed ink.
- Immediate evaporation of the ink solvent.
- Integrated fan blows air past the lighted lamps resulting in heated air impingement on the target product surface.
- Extremely fast drying rates.
- Compact modular design.
- Tachometer input available for automatic heat adjustment.
- Units can be mounted end to end to increase effective drying width to 8 inches.

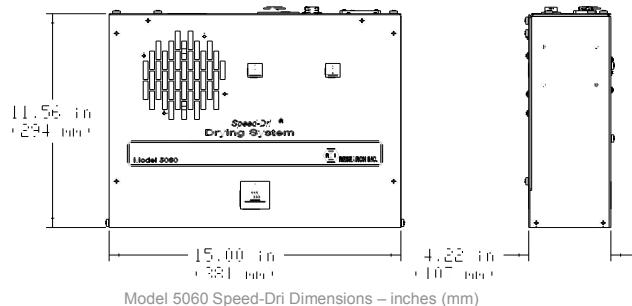


## Infrared Heaters For Controlled Concentrated Curing.

### Model 5060 Speed-Dri Specifications

| Physical / Dimensions    |  |
|--------------------------|--|
| Maximum Drying Width     | 4 inch (102 mm)  |
| Overall Length           | 15 inches (381mm)  |
| Heated Length            | 10 inches (254mm)  |
| Lamp (4 Total)           | 1000W-Rapido-10LL-140AL  |
| Lamp Rated Voltage       | 240 Volts  |
| Applied Lamp Voltage     | 240 Volts  |
| Amps at Applied Voltage  | 18.0 amps  |
| Power at Applied Voltage | 4.0kW  |
| Blower Air Volume        | 75 CFM (2.1m <sup>3</sup> /min)  |
| Interlock Relays         | 120 VAC, 24 VAC, 24 VDC (customer specified)   |
| Mounting Hardware        | Extruded Aluminum  |
| Operation Controls       | On/Off Switch<br>Manual Heat Adjustment via Potentiometer<br>Automatic Heat Adjustment via Tachometer Input Circuitry and External Tachometer Kit<br>(Tachometer Kit Option-ordered separately from Drying System) |
| Operation Interrupts     | When the interlock connections are made, the heater module will not function unless the transport is running   |
| Agency Approvals         | CE,UL, cUL<br>240V/30amp service<br>Personnel to position the system in place  |
| Site Requirements        | An electrician to install a 240VAC/30 amp IEC power cord, and connect the wiring between the power control and the transport.  |

### Model 5060 Speed-Dri Dimensions



Speed-Dri Family by RESEARCH, Inc.

