

# MID-LEVEL INFRARED DRYERS

## LITTLERed SERIES

**15 YEAR  
HEATER WARRANTY**

120V or  
240V

240V



**LR-X1-30**



**LR-X2-30**

w/ exhaust

All LittleRed series dryers have a tilting heater design. Works great for curing hats!!

**CE CERTIFIED**  
BY CERTIFICATION EXPERTS  
THE NETHERLANDS

### Single Infrared Element **LR-X1-30**

2,600w @240V  
2,000w @120V

### Dual Infrared Elements **LR-X2-30**

5,200w

Total Wattage	2,600w @240V 2,000w @120V	5,200w
Belt Width	30" (76cm)	30" (76cm)
Heater Width**	24" (61cm)	24" (61cm)
Conveyor Length	48" (122cm)	84" (2.13m)
Chamber Length	18" (46cm)	36" (92cm)
Powered Exhaust	177 CFM (5 CMM) optional	177 CFM (5 CMM)
Cure Times: Plastisol*	130+/hr (240v) - 90+/hr (120v)	260+/hr
Waterbased/Discharge*	45+/hr (240v or 120v)	90+/hr

## Features

- HEAVY DUTY** "X-Series" Conveyor Belt Roller Tracking System with 30" (76 cm) wide Teflon coated fiberglass belt
- POWERFUL** LR-X2: Two 2,600 Watt heaters / chamber  
LR-X1: Single 2,000 or 2,600 Watt heater
- ACCURATE** Digital PID Temperature controller is accurate to +/-1°F
- ADJUSTABLE** 2" - 7" (5 - 17.7 cm) belt-to-heater clearance, adjustable separately on each side for each heater
- EXHAUST** Powered exhaust to remove fumes and moisture
- CONSISTENT** DC belt speed control w/ digital display
- EXPANDABLE** Add 18" (46cm) and 36" (92 cm) chambers and/or 18" (46 cm) belt extensions

## Options

- Additional chambers can be added as well as belt extensions
- Powered exhaust (Standard on X2)
- Heavy duty belt motor (recommend for longer conveyor belts)
- Locking casters for easy mobility

\* Production speeds are estimates and will vary depending on ink manufacturer, humidity of shop, line voltage and other variables.  
\*\* Recommended maximum image width = heater width minus 4" (10cm).













LittleRed\_0516

# D-100, D-1000 & LittleRed Series

## Technical Specifications

CE	D-100	D-1000	LR-X1-30	LR-X2-30
Heater Warranty	15 Year	15 Year	15 Year	15 Year
Defect Warranty	3 Year	3 Year	3 Year	3 Year
Shirts/Hour (Plastisol)* (Waterbased/Discharge)*	110+ 50+	110+ 50+	90+(120V) / 130+ (240V) 45+	260+ 90+
Belt Speed	0-5.3 FPM (0-1.6 MPM)	0-5.3 FPM (0-1.6 MPM)	0-5.3 FPM (0-1.6 MPM)	0-12 FPM (0-3.6 MPM)
Internal Parts Material	Heat resistant aluminum coated steel	Heat resistant aluminum coated steel	Heat resistant aluminum coated steel	Heat resistant aluminum coated steel
Exhaust (Free Air)	n/a	n/a	177 CFM (5 CMM) optional	177 CFM (5 CMM)
Exhaust Stack Diameter	n/a	n/a	3" (7.62cm)	3" (7.62cm)
Overall Length (Minimum)	46" (117 cm)	46" (117 cm)	48" (122 cm)	84" (213 cm)
Overall Width	24" (61 cm)	32" (81 cm)	41" (105cm)	41" (105cm)
Overall Height	24" (61 cm)	24" (61 cm)	48" (122cm)	48" (122cm)
Belt Width	18" (45.7 cm)	26" (66 cm)	30" (76 cm)	30" (76 cm)
Heat Chamber Length	18" (45.7 cm)	18" (45.7 cm)	18" (46cm)	36" (92cm)
Chamber Infeed Width	19.5" (49.5 cm)	27.75" (70.5 cm)	33.5" (85cm)	33.5" (85cm)
Chamber Infeed Height	2" - 7" (5 - 17.7 cm) adjustable	2" - 7" (5 - 17.7 cm) adjustable	2" - 7" (5 - 17.7 cm) adjustable	2" - 7" (5 - 17.7 cm) adjustable
Heater Size	16" x 16" (40.6 x 40.6 cm)	16" x 20" (30 x 50.8 cm)	12" x 24" (30 x 61 cm)	2 @ 12" x 24" (30 x 61 cm)
Heat Range (@ Heater)	0-750 F° (0-399 C°) @ 120V or 240V	0-750 F° (0-399 C°) @ 120V or 240V	0-900 F° (0-482 C°) @ 240V or 0-750 F° (0-399 C°) @ 120V	0-900 F° (0-482 C°) @ 240V (2,600W heater)
Heater Wattage	1,625 Watts	2,025 Watts	1 x 2,600 = 2,600 Watts @ 240V or 1 x 2,000 = 2,000 Watts @ 120V	2 x 2,600 = 5,200 Watts @ 240V
Cost to operate per hour (Based on 10 cents per kwh)	16 cents	20 cents	20 cents @ 120V 26 cents @ 240V	52 cents
Electrical Power: Chamber	120V / 12.5A / NEMA 5-15P 240V / 6.5A / 1 Ph. / NEMA 6-15P	120V / 16.5A / NEMA 5-20P 240V / 8.2A / 1 Ph. / NEMA 6-15P	120V / 16.5A / NEMA 5-20P 240V / 11A / 1 Ph. / NEMA 6-15P	240V / 21.6A / 1 Ph. / NEMA L6-30
Chamber Optional Voltage	208V	208V	208V	208V
Unit Weight	89 lbs (41 kg)	114 lbs (52 kgs)	172 lbs (78 kg)	304 lbs (138 kg)
Shipping Weight**	Box #1 - 57 lbs (26 kg) Box #2 - 16 lbs (7.3 kg) Box #3 - 21 lbs (9.6 kg) Boxes on skid - 115 lbs (52 kg)	Box #1 - 17 lbs (7.7 kg) Box #2 - 24 lbs (10.9 kg) Box #3 - 35 lbs (15.9 kg) Box #4 - 43 lbs (19.5 kg) Boxes on Skid - 215 lbs (97.5 kg)	300 lbs (136 kg)	495 lb (225kg)
Shipping Dimensions**	Box #1 - 51.5x25x8" (131x64x20 cm) Box #2 - 21x21x7" (53x53x18 cm) Box #3 - 25x18x6" (64x46x15 cm) On Skid - 52x26x22" (132x96x51cm)	Box #1 - 27x21x7" (69x54x18 cm) Box #2 - 31x21x9" (79x54x23 cm) Box #3 - 36x31x8" (92x79x21 cm) Box #4 - 36x31x8" (92x79x21 cm) On Skid - 49"x37"x26" (125x94x66 cm)	25" x 48" x 35" (64 x 122 x 89 cm)	50" x 48" x 40" (127 x 122 x 102 cm)

1 in = 2.54 cm  
1 lb = 0.454 kg

NORTH AMERICAN POWER PLUG CONFIGURATION					
PLUG					
	NEMA 5-15P	NEMA 5-20P	NEMA 6-15P	NEMA 6-20P	NEMA 6-30LP
RECEPTACLE					
	NEMA 5-15R	NEMA 5-20R	NEMA 6-15R	NEMA 6-20R	NEMA 6-30LR

\* Rated Shirts/hr are approximations and are based on certain conditions including humidity, image size, substrate material, etc..  
\*\*All shipping weights and dimensions are for continental US shipping only. Call for other shipping specifications.

