

PRODUCTION INFRARED DRYERS

ECONORed II SERIES



EC-II-30 shown with optional wheels

**10 YEAR
HEATER WARRANTY**

Focused Exhaust System
Quickly removes fumes and moisture for faster curing of plastisol, water-based and discharge inks.

Digital Belt Speed Display
Now standard for better control and better results



Shown with optional wheels

EC-II-54 shown above

CE	30" Belt Version		54" Belt Version	
	EC-II-30	EC-II-30-2	EC-II-54	EC-II-54-2
Price*	\$4,988*	\$8,505*	\$6,699*	\$11,742*
Total Wattage	6,000w	12,000w	12,000w	24,000w
Belt Width x Length	30" x 7¼' (76 x 220cm)	30" x 10¼' (76.2 x 312cm)	54" x 7¼' (137 x 220cm)	54" x 10¼' (137 x 312cm)
Chamber (tunnel) Length	3' (91.4cm)	6' (183cm)	3' (91.4cm)	6' (183cm)
Plastisol cure speed**	250+/hr	500+/hr	500+/hr	1,000+/hr

Features

- HEAVY DUTY** "X-Series" Conveyor Belt Tracking System
- PRECISE** Infrared Focusing System provides more power for less \$\$
- ADJUSTABLE** 2" - 7" (5 - 17.7 cm) belt-to-heater height adjustment
- ACCURATE** Digital PID *Temperature controller is accurate to +/-1° F*
- CONSISTENT** Heavy duty DC belt speed motor with digital voltage display
- INNOVATIVE** *Engineered to be shorter and smaller with high heat and production.*
- EXPANDABLE** Add 3' (.91 m) chambers and/or 18" (46 cm) / 36" (91 cm) belt extensions

Options

- Add heat chambers @ 3' (.91m) long
- Belt extensions front or rear, 18" (46 cm) long
- 3 Phase & 208, 380, 480 voltages available
- Exhaust Hood, provides extra fume extraction
- Hat support rail
- Locking casters for easy mobility
- Reversing belt / HD Drive


*All starting list prices (USD) do NOT include crating & shipping. 6% sales tax will be added for PA billing addresses. Prices subject to change without notice.

**Production speeds are estimates and will vary depending on ink manufacturer, humidity of shop, and other variables.



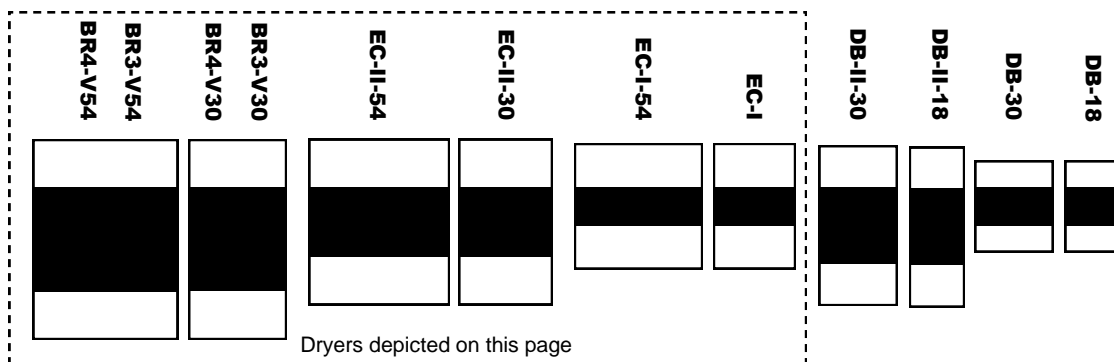
EC-I, EC-II, & BigRed

Technical Specifications

	EC-I	EC-I-54	EC-II-30	EC-II-54	BR3-V30	BR4-V30	BR3-V54	BR4-V54
Heater Warranty	10 Year	10 Year	10 Year	10 Year	10 Year	10 Year	10 Year	10 Year
Defect Warranty	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year
Shirts / Hr / Chamber (Plastisol)	150+	300+	250+	500+	450+	450+	900+	900+
Belt Speed	0-12 FPM (0-3.6 MPM)	0-12 FPM (0-3.6 MPM)	0-16 FPM (0-4.9 MPM)	0-16 FPM (0-4.9 MPM)	0-16 FPM (0-4.9 MPM)	1-10.5 FPM (0-3.2 MPM)	0-16 FPM (0-4.9 MPM)	1-10.5 FPM (0-3.2 MPM)
Exhaust (Free Air) <small>(Optional on DB-18, DB-30 & EC-I)</small>	200 CFM(5.6CMM) Option	200 CFM(5.6CMM) Option	290 CFM (8 CMM)	290 CFM (8 CMM)	450 CFM (12.7CMM)	450 CFM (12.7CMM)	550 CFM (15.6CMM)	550 CFM (15.6CMM)
Exhaust Stack Diameter	4" (10.16cm)	4" (10.16cm)	4" (10.16cm)	4" (10.16cm)	6" (15.24cm)	6" (15.24cm)	6" (15.24cm)	6" (15.24cm)
Overall Length	66" (168 cm)	66" (168 cm)	87" (221 cm)	87" (221 cm)	105" (267cm)	105" (267cm)	105" (267cm)	105" (267cm)
Overall Width	43" (109 cm)	67" (170.2cm)	49" (124 cm)	73.5" (187 cm)	51.2" (130cm)	51.2" (130cm)	75.7" (192cm)	75.7" (192cm)
Overall Height	46" (117 cm)	46" (117 cm)	53" (135 cm)	53" (135 cm)	57.3" (145.5cm)	57.3" (145.5cm)	57.3" (145.5cm)	57.3" (145.5cm)
Belt Width	30" (76 cm)	54" (137 cm)	30" (76 cm)	54" (137 cm)	30" (76 cm)	30" (76 cm)	54" (137 cm)	54" (137 cm)
Chamber Length	20" (51 cm)	20" (51 cm)	36" (91 cm)	36" (91 cm)	54" (137cm)	54" (137cm)	54" (137cm)	54" (137cm)
Chamber Infeed Width	34.5" (88 cm)	58.5" (149cm)	34.5" (88 cm)	58.5" (149 cm)	34.5" (88 cm)	34.5" (88 cm)	58.5" (149 cm)	58.5" (149 cm)
Chamber Infeed Height (adjustable)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)
Heat Range (@ Heater)	0-800 F° (0-427 C°) @ 240V	0-800 F° (0-427 C°) @ 240V	0-900 F° (0-482 C°) @ 240V	0-900 F° (0-482 C°) @ 240V	0-900 F° (0-482 C°) @ 240V	0-900 F° (0-482 C°) @ 240V	0-900 F° (0-482 C°) @ 240V	0-900 F° (0-482 C°) @ 240V
Heater Size & Wattage	18" x 24" (46 x 61 cm) 1 @ 3,500 Watts	18" x 24" (46 x 61 cm) 2 @ 3,500 Watts = 7,000 Watts	12" x 24" (30 x 61 cm) 2 @ 3,000 = 6,000 Watts	12" x 48" (30 x 122 cm) 2 @ 6,000 = 12,000 Watts	12" x 24" (30 x 61 cm) 3 @ 3,000 = 9,000 Watts	12" x 24" (30 x 61 cm) 4 @ 3,000 = 12,000 Watts	12" x 48" (30 x 122 cm) 3 @ 6,000 = 18,000 Watts	12" x 48" (30 x 122 cm) 4 @ 6,000 = 24,000 Watts
Cost / hour to operate based on 10 cents / kwh	35 cents	70 cents	60 cents	\$1.20	90 cents	\$1.20	\$1.80	\$2.40
Electrical Power** Chamber	240V / 16A / 1 Ph. / NEMA 6-20P plug	240V / 30A / 1Ph. / 3 wire 50/60HZ	240V / 28A / 1 Ph. / 3 wire 50/60HZ	240V / 59A / 1 Ph. / 3 wire 50/60HZ	240V / 42A / 1 Ph. / 3 wire 50/60 HZ	240V / 54A / 1 Ph. / 3 wire 50/60HZ	240V / 50A / 3Ph. / 4 wire / 50/60 HZ	240V / 64A / 3 Ph. / 4 wire 50/60HZ
Optional Chamber Power	—	—	240V/ 18A / 3 Ph. / 4 wire / 50/60HZ	240V/ 35A / 3 Ph. / 4 wire / 50/60HZ	240V / 28A / 3Ph. / 4 wire / 50/60 HZ	240V / 36A / 3 Ph. / 4 wire 50/60HZ	—	—
Also available in 380 / 440 / 480								
Scrub Air Option	120V / 1A / NEMA 5-15P Plug or 240V / 1A / NEMA 6-15P Plug	120V / 1A / NEMA 5-15P Plug or 240V / 1A / NEMA 6-15P Plug	These features do not require separate power sources.	These features do not require separate power sources.	These features do not require separate power sources.	These features do not require separate power sources.	These features do not require separate power sources.	These features do not require separate power sources.
Power Exhaust Option	120V / 1A / NEMA 5-15P Plug or 240V / 1A / NEMA 6-15P Plug	120V / 1A / NEMA 5-15P Plug or 240V / 1A / NEMA 6-15P Plug						
Shipping Weight*	378 lbs (172 kg)	581 lbs (264 kg)	647 lbs (293 kg)	988 lbs (448 kg)	896 lbs (407 kg)	975 lbs (442 kg)	1349 lbs (612 kg)	1399 lbs (635 kg)
Shipping Dimensions*	33" x 48" x 40" 84 x 122 x 102 cm	73" x 33" x 40" 186 x 84 x 102 cm	53" x 43" x 60" (135 x 109 x 152 cm)	78" x 49" x 60" (198 x 125 x 153 cm)	61" x 58" x 64" (155 x 148 x 163 cm)	61" x 58" x 64" (155 x 148 x 163 cm)	81" x 65" x 64" (206 x 165 x 163 cm)	81" x 65" x 64" (206 x 165 x 163 cm)

1 in = 2.54 cm
1 lb = 0.454 kg

Dryer foot print comparison chart, shown to scale



EC-II_0112

*All shipping weights and dimensions are for continental US shipping only. Call for other shipping specifications. Ex-works from Allentown PA.

**EC-I-54, all Econored-II, and all BigRed dryers require licensed electrician for hardwire hook-up (wire and plug not included).