

# MULTI PURPOSE INFRARED DRYERS

## BigRed V Series

**15 YEAR  
HEATER WARRANTY**



- NEW FEATURES include “Cool Down Mode” for powering down and light tower to easily monitor dryer status
- Digital belt speed display for more accurate control
- Focused exhaust system to remove fumes/moisture within chamber
- Excellent air flow to cool the skin of the dryer

BR3 series dryers have a single heat zone and three powerful infrared elements. The BigRed’s makeup air system compliments these features perfectly!

BR4 series dryers have a dual zone heat control, four powerful infrared elements, and makeup air. These features combined makes for GREAT Inkjet curing!



### 3 Heater Version

**BR3-V30**

**BR3-V54\***

### 4 Heater, Dual Heat Zone Version

**BR4-V30**

**BR4-V54\***

	BR3-V30	BR3-V54*	BR4-V30	BR4-V54*
Standard Wattage	10,800w	21,600w	14,400w	28,800w
Belt Width x Length	30" x 8¾' (76.2 x 267cm)	54" x 8¾' (137.2 x 267cm)	30" x 8¾' (76.2 x 267cm)	54" x 8¾' (137.2 x 267cm)
Chamber (tunnel) Length	4.5' (137.2cm)	4.5' (137.2cm)	4.5' (137.2cm)	4.5' (137.2cm)
Cure times: Plastisol**	475+/hr	950+/hr	475+/hr	950+/hr
Water Based/Discharge**	175+/hr	350+/hr	200+/hr	400+/hr
Digital White Ink**	—	—	68/hr @3min, 51/hr @ 4min	136/hr @3min, 102/hr @ 4min

## Features

- ACCURATE** Temperature controller is accurate to +/-1 degree F. Digital PID with Fuzzy logic is the most advanced in the industry.
- SMART** Unique cooling bed at exit, speeds up garment cooling. Cool Down Mode for easier shut down.
- ADJUSTABLE** 2" - 7" (5 - 17.7 cm) belt-to-heater height adjustment
- CONVENIENT** Digital belt speed voltmeter, a must have!
- VERSATILE** Make-up Air and Negative Exhaust Air, removes moisture and fumes fast.
- FILTERED** Filtered air intake provides clean curing air, no recycled fumes!
- HEAVY DUTY** "X-Series" Conveyor Belt Tracking System.
- EXPANDABLE** Add heat chambers and belt extensions. (HD Drive required over 17' long)

## Options

- Add heat chambers @ 4.5' (137cm) long.
- Belt extensions, front or rear, 18" (46 cm) increments
- 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 BigRed V54 Dryers come standard in Three Phase wiring.

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



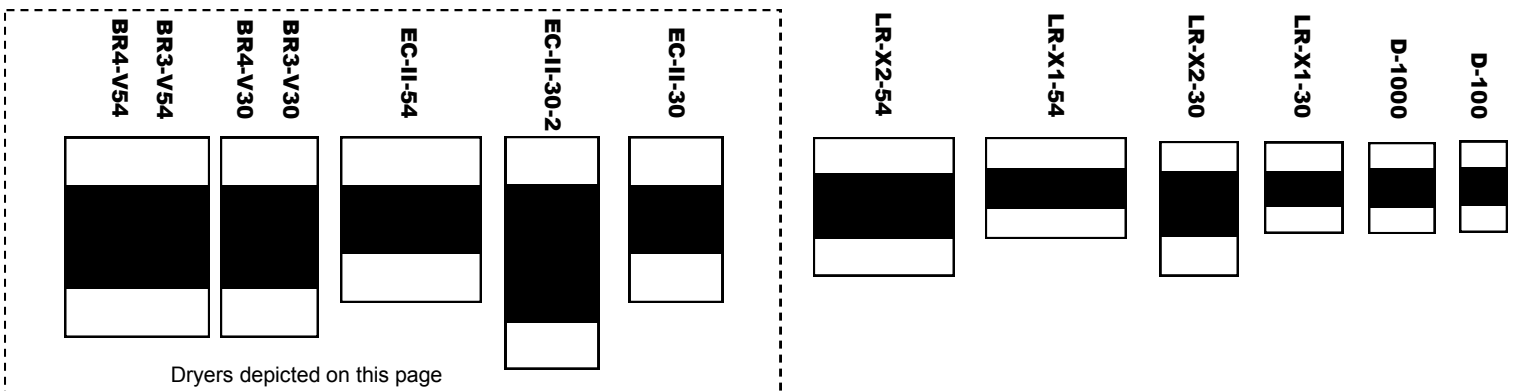
# EC-I, EC-II, & BigRed

## Technical Specifications

CE	EC-II-30	EC-II-30-2	EC-II-54	BR3-V30	BR4-V30	BR3-V54	BR4-V54
Heater Warranty	15 Year	15 Year	15 Year	15 Year	15 Year	15 Year	15 Year
Defect Warranty	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year
Shirts / Hr / Chamber (Plastisol) (Waterbased/Discharge)	300+ 100+	600+ 200+	600+ 200+	475+ 175+	475+ 200+	950+ 350+	950+ 400+
Belt Speed	0-16 FPM (0-4.9 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) (Optional on DB-30)	380 CFM (10.7 CMM)	760 CFM (21.5 CMM)	380 CFM (10.7 CMM)	450 CFM (12.7 CMM)	450 CFM (12.7 CMM)	550 CFM (15.6 CMM)	550 CFM (15.6 CMM)
Exhaust Stack Diameter	4" (10.16 cm)	2@ 4" (10.16 cm)	4" (10.16 cm)	6" (15.24 cm)	6" (15.24 cm)	6" (15.24 cm)	6" (15.24 cm)
Overall Length	87" (221 cm)	123" (312 cm)	87" (221 cm)	105" (267 cm)	105" (267 cm)	105" (267 cm)	105" (267 cm)
Overall Width	49" (124 cm)	49" (124 cm)	73.5" (187 cm)	51.2" (130 cm)	51.2" (130 cm)	75.7" (192 cm)	75.7" (192 cm)
Overall Height	53" (135 cm)	53" (135 cm)	53" (135 cm)	57.3" (145.5 cm)	57.3" (145.5 cm)	57.3" (145.5 cm)	57.3" (145.5 cm)
Belt Width	30" (76 cm)	30" (76 cm)	54" (137 cm)	30" (76 cm)	30" (76 cm)	54" (137 cm)	54" (137 cm)
Chamber Length	36" (91 cm)	72" (182 cm)	36" (91 cm)	54" (137 cm)	54" (137 cm)	54" (137 cm)	54" (137 cm)
Chamber Infeed Width	34.5" (88 cm)	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)
Heat Range (@ Heater)	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	0-900 F° (0-482 C°) @ 240V
Heater Size & Standard Wattage	12" x 24" (30 x 61 cm) 2 @ 3,600 = 7,200 Watts	12" x 24" (30 x 61 cm) 4 @ 3,600 = 14,400 Watts	12" x 48" (30 x 122 cm) 2 @ 7,200 = 14,400 Watts	12" x 24" (30 x 61 cm) 3 @ 3,600 = 10,800 Watts	12" x 24" (30 x 61 cm) 4 @ 3,600 = 14,400 Watts	12" x 48" (30 x 122 cm) 3 @ 7,200 = 21,600 Watts	12" x 48" (30 x 122 cm) 4 @ 7,200 = 28,800 Watts
Cost / hour to operate based on 10 cents / kwh	72 cents	\$1.44	\$1.44	\$1.08	\$1.44	\$2.16	\$2.88
Electrical Specs** Chamber	240V / 32A / 1 Ph. / 3 wire 50/60HZ	240V / 64A / 1 Ph. / 3 wire 50/60HZ	240V / 64A / 1 Ph. / 3 wire 50/60HZ	240V / 50A / 1 Ph. / 3 wire 50/60 HZ	240V / 67A / 1 Ph. / 3 wire 50/60HZ	240V / 59A / 3Ph. / 4 wire / 50/60 HZ	240V / 76A / 3 Ph. / 4 wire 50/60HZ
Electrical Connection	All amps shown are FLA (Full Load Amps), not recommended line size! Dryers on this page must be hard wired to the power terminal provided. A licensed electrician must be consulted and should refer to articles, 210.20(a), 215.3 and 310 of the NEC code.						
Optional Chamber Power Also available in 380 / 440 / 480	240V/ 19A / 3 Ph. / 4 wire / 50/60HZ	240V/ 37A / 3 Ph. / 4 wire / 50/60HZ	240V/ 37A / 3 Ph. / 4 wire / 50/60HZ	240V / 29A / 3Ph. / 4 wire / 50/60 HZ	240V / 40A / 3 Ph. / 4 wire 50/60HZ	240V / 97A / 1 Ph. / 3 wire 50/60HZ	---
Scrub Air Option	---	---	---	---	---	---	---
Shipping Weight*	647 lbs (293 kg)	2@ 586 lbs (266 kg)	988 lbs (448 kg)	896 lbs (407 kg)	975 lbs (442 kg)	1478 lbs (670 kg)	1399 lbs (635 kg)
Shipping Dimensions*	54" x 43" x 60" (137 x 109 x 152 cm)	2@ 54" x 43" x 60" (137 x 109 x 152)	78" x 49" x 60" (198 x 125 x 153 cm)	61" x 60" x 64" (155 x 152 x 163 cm)	61" x 60" x 64" (155 x 152 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 BR Specs\_0317

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