

MULTI PURPOSE INFRARED DRYERS

BigRed V Series

Infrared Technology

4 Versions available

BigRed's Cure it all!

Cooling Bed

Speeds up garment cooling as they exit.

15 YEAR
HEATER WARRANTY

CE CERTIFIED
BY CERTIFICATION EXPERTS
THE NETHERLANDS

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*

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**	—	—	56/hr @4min, 42/hr @ 6min	112/hr @4min, 84/hr @ 6min

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.
- 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



BigRedV_0415

* 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

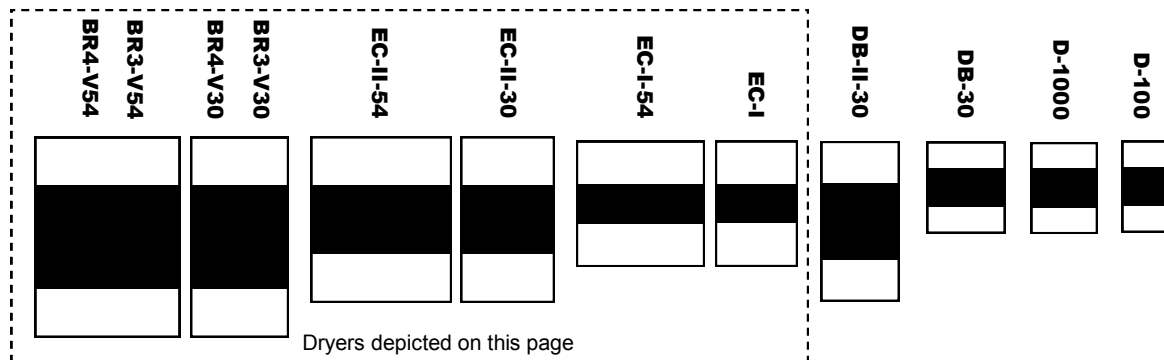
Technical Specifications



	EC-I	EC-I-54	EC-II-30	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	15 Year
Defect Warranty	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year
Shirts / Hr / Chamber (Plastisol) (Waterbased/Discharge)	190+ 65+	380+ 130+	300+ 100+	600+ 200+	475+ 175+	475+ 200+	950+ 350+	950+ 400+
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) (Optional on DB-30)	177 CFM (5 CMM)	177 CFM (5 CMM)	290 CFM (8 CMM)	290 CFM (8 CMM)	450 CFM (12.7 CMM)	450 CFM (12.7 CMM)	550 CFM (15.6 CMM)	550 CFM (15.6 CMM)
Exhaust Stack Diameter	3" (7.62 cm)	3" (7.62 cm)	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	66" (168 cm)	66" (168 cm)	87" (221 cm)	87" (221 cm)	105" (267 cm)	105" (267 cm)	105" (267 cm)	105" (267 cm)
Overall Width	43" (109 cm)	67" (170.2 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	46" (117 cm)	46" (117 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)	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" (137 cm)	54" (137 cm)	54" (137 cm)	54" (137 cm)
Chamber Infeed Width	34.5" (88 cm)	58.5" (149 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)	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	0-900 F° (0-482 C°) @ 240V
Heater Size & Standard Wattage	18" x 24" (46 x 61 cm) 1 @ 4,300Watts	18" x 24" (46 x 61 cm) 2 @ 4,300 Watts = 8,600 Watts	12" x 24" (30 x 61 cm) 2 @ 3,600 = 7,200 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	43 cents	86 cents	72 cents	\$1.44	\$1.08	\$1.44	\$2.16	\$2.88
Electrical Specs** Chamber	240V / 19A / 1 Ph. / 3 wire 50/60HZ	240V / 37A / 1Ph. / 3 wire 50/60HZ	240V / 32A / 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 / 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	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*	408 lbs (185 kg)	626 lbs (284 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*	38" x 48" x 41" 97 x 122 x 104 cm	74" x 38" x 41" 188 x 97 x 104 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



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