DTG/WATER BASED INFRARED DRYERS
BigRed 4-D Series

ALL NEW

15 YEAR HEATER WARRANTY

BR4D-V30

BR4D-V54

- Focused exhaust system to remove fumes/moisture within chamber
- Excellent air flow to cool the skin of the dryer
- Dual zone heat control, four powerful infrared elements, and makeup air make it great for inkjet curing!
- Filtered exhaust with fault detection

CE CERTIFIED
BY CERTIFICATION EXPERTS
THE NETHERLANDS

BR4D-V30		BR4D-V54*
11,400w	**Standard Wattage**	22,800w
30" x 8¾' (76.2 x 267cm)	**Belt Width x Length**	54" x 8¾' (137.2 x 267cm)
4.5' (137.2cm)	**Chamber (tunnel) Length**	4.5' (137.2cm)
475+/hr	**Cure times: Plastisol @ 25 secs.** **	950+/hr
216+/hr	**Water Based/Discharge @ 50 secs.** **	432+/hr
	Digital White Ink **	
72/hr	**@ 2.5 min.**	144/hr @ 2.5 min.
60/hr @ 3 min.	**@ 3 min.**	120/hr @ 3 min.
30/hr @ 6 min.	**@ 6 min.**	60/hr @ 6 min.

Features

ACCURATE *Two temperature controllers are 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 w/HD drive.*

EXPANDABLE *Add heat chambers and belt extensions. (rear idler 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
- HD Drive
- Donut Probe
- UL and ULc Certified

BigRed4D_0220

MADE U.S.A.

VASTEX INTERNATIONAL, INC.

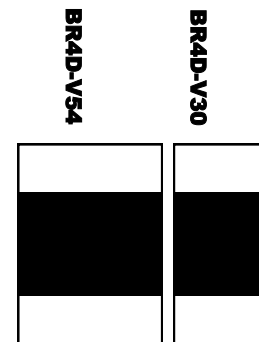* All BigRed V54 Dryers come standard in Three Phase wiring.
** Production speeds are estimates are based on 16" centers and will vary depending on ink manufacturer, humidity of shop, and other variables.

BigRed 4-D (Digital Series) Technical Specifications

CE	BR4D-V30	BR4D-V54
Heater Warranty	15 Year	15 Year
Defect Warranty	3 Year	3 Year
Shirts/hr Plastisol @ 25 secs.	475+	950+
Shirts/hr Wb/discharge @ 50 secs.	216+	432+
Shirts/hr DTG/digital	72 @ 2.5 min. 60 @ 3 min. 30 @ 6 min.	144 @ 2.5 min. 120 @ 3 min. 60 @ 6 min.
Belt Speed	1.8-23.6 FPM (0.6-7.2 MPM)	1.8-23.6 FPM (0.6-7.2 MPM)
Exhaust (Free Air)	500 CFM (14.2 CMM)	700 CFM (19.8 CMM)
Exhaust Stack Diameter	6" (15.24 cm)	6" (15.24 cm)
Overall Length	105" (267 cm)	105" (267 cm)
Overall Width	47.3" (120.2 cm)	71.4" (181.4 cm)
Overall Height	51.6" (131.1 cm)	51.6" (131.1 cm)
Belt Width	30" (76 cm)	54" (137 cm)
Chamber Length	54" (137cm)	54" (137 cm)
Chamber Infeed Width	34.5" (88 cm)	58.5" (149 cm)
Chamber Infeed Height (adjustable)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)
Heat Range (@ Heater)	0-900F° (0-482C°) @ 240V 0-1150F° (621C°) - booster	0-900F° (0-482C°) @ 240V 0-1150F° (621C°) - booster
Heater Size & Standard Wattage	4 @ 12" x 24" (30 x 61 cm) Zone 1 @ 3,600 Watts Zone 2 @ 7,800 Watts 11,400 Watts Total	4 @ 12" x 48" (30 x 122 cm) Zone 1 @ 7,200 Watts Zone 2 @ 15,600, Watts 22,800 Watts Total
Cost / hour to operate based on 10 cents / kwh	$1.14	$2.28
Electrical Specs* Chamber	240V / 51A / 1 Ph. / 3 wire 50/60HZ	240V / 58A / 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 / 40A / 3 Ph. / 4 wire 50/60HZ	240V / 98A / 1 Ph. / 3 wire 50/60HZ
Shipping Weight*	1,018 lbs (462 kg)	1,438 lbs (653 kg)
Shipping Dimensions*	72" x 61" x 63" (183 x 155 x 160 cm)	92" x 65" x 63" (234 x 161 x 160 cm)

Dryer foot print comparison chart, shown to scale

BR4D-V54   BR4D-V30

1 in = 2.54 cm
1 lb = 0.454 kg

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