

# VULCAN SERIES



## A NEW LEVEL OF EFFICIENCY

### Proficient and Versatile

- Cures all ink types with unprecedented reliability
- Reduces gas consumption by up to 25% compared to other major brands

### Ease of Use

- Operating system features micro-processor with digital control capability

Available in over 20 configurations, from 36" belt width/6' of heat up to 72" width split belt/20' of heat



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# VULCAN SERIES

## STANDARD FEATURES

### DESIGN AND CONSTRUCTION

- Design provides a consistent and uniform temperature throughout the drying chamber
- Air-cooled cabinet located outside of heat module ensures a long life for all electrical components
- Improved design allows for easy maintenance and lower costs

### AIR HANDLING

- 14" blower with variable speed controller for improved curing and reduced energy costs
- Optimized airflow with improved spacing of forward-curved blades
- Double-wall stainless steel filter allows for maximum flow and less maintenance

### CONVEYOR SYSTEM

- Digital belt speed readout
- Large rollers are crowned for better conveyor belt tracking
- Adjustable speed from a few feet up to 37.5 feet per minute

### ENERGY EFFICIENCY

- Heavy-duty thermal insulation prevents heat from migrating into the workplace
- Exhaust dryer with flow adjustment range from 300 to 1,000 SCFM, allows for a more energy efficient exhaust control
- Integrated hood eliminates hot air from escaping the dryer and the need for additional exhaust connections

### CONTROL CENTER

- Automatic shutdown sequence keeps the blower and belt running until the chamber cools
- Fuzzy-logic digital controller ensures consistency by keeping within 1 degree of target temperature
- A visible and audible warning is activated by an indicator light and buzzer when temperature is not within user-set parameters
- Touchscreen displays key operational information about heat chamber temperature, belt speed and other settings
- Programmable to retain 9 separate job settings

### HEAT CHAMBER

- Available for natural gas (NG) and liquid propane (LP)
- Double wall construction with galvanized steel interior

### OPTIONS

- 4-foot spacer modules without controls (For Vulcan II only)
- Infeed/outfeed extension(s) per customer requirements
- Additional Heat Modules
- Split belt systems with independent reversible direction drives (for 60" and 72" dryers only)
- Single-phase wiring

## VULCAN

MODEL	BELT WIDTH	HEAT CHAMBER	STANDARD INFEED/OUTFEED LENGTH	OVERALL LENGTH	ELECTRICAL REQUIREMENTS 208V, 1 PHASE	ELECTRICAL REQUIREMENTS 208V, 3 PHASE	BURNER UNIT
VUL-36-06	36"	6' (180cm)		14'			
VUL-36-8.5	36"	7' 10" (240cm)		16' 6"			
VUL-36-10	36"	9' 4" (284cm)		18'			
VUL-48-06	36"	6' (180cm)	8'	14' 6"	2.4 KW, 18 AMPS, 60 Hz	2.4 KW, 12 AMPS, 12 Hz	1x280,000 BTU
VUL-48-8.5	48"	7' 10" (240cm)		16' 6"			
VUL-48-10	48"	9' 4" (284cm)		18'			

## VULCAN II MODULAR

MODEL	BELT WIDTH	HEAT CHAMBER	STANDARD INFEED/OUTFEED LENGTH	OVERALL LENGTH	ELECTRICAL REQUIREMENTS 208V, 1 PHASE	ELECTRICAL REQUIREMENTS 208V, 3 PHASE	BURNER UNIT
VUL II-48-10	48"	10' (226cm)	10'	20'	2.4 KW, 18 AMPS, 60Hz	2.4 KW, 12 AMPS, 60Hz	1x280,000 BTU
VUL II-48-12	48"	12' (305cm)	10'	22'	2.4 KW, 18 AMPS, 60Hz	2.4 KW, 12 AMPS, 60Hz	1x280,000 BTU
VUL II-48-16	48"	16' (366cm)	10'	26'	2.4 KW, 18 AMPS, 60Hz	2.4 KW, 12 AMPS, 60Hz	1x280,000 BTU
VUL II-48-20-HO	48"	20' (510cm with 2 burners)	10'	30'	4.8 KW, 36 AMPS, 60Hz	4.8 KW, 24 AMPS, 60Hz	2x280,000 BTU
VUL II-60-10	60"	10' (305cm)	10'	20' 7"	2.4 KW, 18 AMPS, 60Hz	2.4 KW, 12 AMPS, 60Hz	1x390,000 BTU
VUL II-60-12	60"	12' (366cm)	10'	22'	2.4 KW, 18 AMPS, 60Hz	2.4 KW, 12 AMPS, 60Hz	1x390,000 BTU
VUL II-60-16	60"	16' (488cm)	10'	26'	2.4 KW, 18 AMPS, 60Hz	2.4 KW, 24 AMPS, 60Hz	1x390,000 BTU
VUL II-60-20-HO	60"	20' (510cm with 2 burners)	10'	30'	4.8 KW, 36 AMPS, 60Hz	4.8 KW, 24 AMPS, 60Hz	2x390,000 BTU
VUL II-72-10	72"	10' (305cm)	10'	20' 7"	2.4 KW, 18 AMPS, 60Hz	2.4 KW, 12 AMPS, 60Hz	1x390,000 BTU
VUL II-72-12	72"	12' (366cm)	10'	22'	2.4 KW, 18 AMPS, 60Hz	2.4 KW, 12 AMPS, 60Hz	1x390,000 BTU
VUL II-72-16	72"	16' (488cm)	10'	26'	2.4 KW, 18 AMPS, 60Hz	2.4 KW, 12 AMPS, 60Hz	1x390,000 BTU
VUL II-72-20-HO	72"	20' (510cm with 2 burners)	10'	30'	4.8 KW, 36 AMPS, 60Hz	4.8 KW, 24 AMPS, 60Hz	2x390,000 BTU

## TWO-YEAR LIMITED WARRANTY

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