



screen printing

SCREENPRINT DRYERS

## Setting The Standard In Electric Infrared Technology

### Black Body® Infrared Dryers Feature:

- **Even Heating** - Consistent heat radiation over entire element surface.
- **Add-on Accessories** - Basic units may be easily expanded to suit production requirements.
- **Low Profile Design** - Units easily fit into areas where clearances are critical.
- **Easy Installation** - Light weight modular design permits simple installation on stands, printers - over tabletops or conveyors.
- **Solid State Temperature Controls** - Variable heat controller permits infinite temperature settings from 0-100%.
- **Largest Selection Available** - Sizes range from 16" x 16" to 24" x 24", manual or automatic, 120V, 208V or 240V.
- **THREE YEAR UNLIMITED WARRANTY**

"Black Body®" is a physics term that represents the most efficient absorber of radiant energy. In 1967 Black Body® Corporation developed a flat panel emitter with an excellent "emissivity" factor (rate of emitting energy) that is highly efficient and uniform.

That means the proprietary Black Body® emitter converts almost all of the energy used into clean, even heat across the entire face of the element, with a durability surpassing anything comparable in the industry.

Success in numerous commercial and industrial applications led to the discovery that Black Body® heaters performed exceptionally well in the screenprinting industry, "flashing" (gelling) most inks in 5-7 seconds and "curing" (completely drying) those inks in 30-40 seconds.

## BLACK FLASH®

Introduced in 1982, the Black Flash® has since become the industry standard in flash/spot cure units. Manual or automatic, the Black Flash® is available in a range of sizes, wattages and voltages to suit any application.

**Optional Variable Heat Control** - Allows Infinite Settings of Element Temperature.

**Black Flash Heater** - Available with heating element sizes ranging from 16" x 16" to 24" x 24", 120V, 208V or 240V.



**Optional Flash-Amatic Automatic Adapter Kit** - Foot Pedal Operated. With 0-60 second dwell timer.

**Adjustable Floor Stand** - Allows heater to safely rotate 360°. Available with leveling feet (shown) or optional locking coasters.

Accessories may be added to basic models to customize your unit to production requirements.



## Black Flash® Heaters

Prewired with 10 ft. cord, indicator light and on/off switch, The Black Flash® series is a “standard” in the industry for flash curing inks on textiles and other substrates. The heaters can be purchased alone or with stands and other accessories. CE units available - contact factory.

MODEL NO.	WATTS	VOLTS	AMPS	NOMINAL ELEMENT SIZE	HEATER DIMENSIONS			PLUG TYPE	SHIPPING WEIGHT
					W	L	D		
BF1-1600S	1575	120	13.2	16" x 16"	16" x 20"	x 2-3/4"	NEMA 5-15P	18 lbs.	
BF1-1800S	1873	240	7.8	16" x 16"	16" x 20"	x 2-3/4"	NEMA 6-20P	18 lbs.	
BF2-2000S	1941	120	16.2	18" x 18"	18" x 22"	x 2-3/4"	NEMA 5-20P	20 lbs.	
BF2-2200S	2243	120	18.5	18" x 18"	18" x 22"	x 2-3/4"	NEMA 5-20P	20 lbs.	
BF2-2600S	2708	240	11.3	18" x 18"	18" x 22"	x 2-3/4"	NEMA 6-20P	20 lbs.	
BF2-2700S	2738	208	13.2	18" x 18"	18" x 22"	x 2-3/4"	NEMA 6-20P	20 lbs.	
BF2-3400S	3383	240	14.1	18" x 18"	18" x 22"	x 2-3/4"	NEMA 6-20P	20 lbs.	
BF3-3001S	3127	240	13.1	18" x 24"	18" x 28"	x 2-3/4"	NEMA 6-20P	30 lbs.	
BF3-3600S	3546	208	17.0	18" x 24"	18" x 28"	x 2-3/4"	NEMA 6-20P	30 lbs.	
BF3-4500S	4498	240	18.7	18" x 24"	18" x 28"	x 2-3/4"	NEMA 6-20P	30 lbs.	
BF4-4000S	3958	240	16.5	24" x 24"	24" x 28"	x 2-3/4"	NEMA 6-20P	32 lbs.	
BF4-5000S	4979	208	23.9	24" x 24"	24" x 28"	x 2-3/4"	NEMA L6-30P	32 lbs.	
BF4-5200S	4948	240	21.0	24" x 24"	24" x 28"	x 2-3/4"	NEMA L6-30P	32 lbs.	



## Floor Stands

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT
BF97-172	<b>ROTATING HEATER STANDS - ORIGINAL STAND</b> Standard duty stand - For use with BF1 & BF2 Series heaters, Rotates 360°	30 lbs.
BF97-174	Heavy duty stand - For use with BF3 & BF4 Series heaters, Rotates 360°	35 lbs.
BFC-10	Locking Casters Kit - Fits all floor stands	2 lbs.
BFL-100S	<b>Leveling Mechanism Option for Original Stand</b> - This accessory will level the heater face to the platen and assure even heat and compensate for uneven floors and set-ups. Standard Leveling mechanism option - fits all BF1 & BF2 heaters and stands	12 lbs.
BFL-100H	Heavy Duty Leveling mechanism option - fits all BF3 & BF4 heaters and stands	14 lbs.
BFS-100S	<b>New SPACE SAVER stands</b> - These stands hold the heater in a fixed position but come with casters included so the base will rotate; and include the <b>new leveling mechanism</b> to level the heater face to the platen.	25 lbs.
BFS-100H	Standard duty SPACE SAVER stand, use with BF1 & BF2, leveling mech. & casters included	30 lbs.
	Heavy duty SPACE SAVER stand, use with BF3 & BF4, leveling mech. & casters included	30 lbs.



## Afford-A-Flash™

Prewired with 10 ft. cord and stand with casters included, this low cost set-up will satisfy the basic requirements for start-ups or serve as a back-up system. The Afford-A-Flash™ Series does not have an indicator light or on/off switch. Bracket HCB-01 will allow acceptance of Heat Control option. Powder coated grey.

MODEL NO.	WATTS	VOLTS	AMPS	NOMINAL ELEMENT SIZE	HEATER DIMENSIONS			PLUG TYPE	SHIPPING WEIGHT
					W	L	D		
LC-1600	1575	120	13.3	16" x 16"	16" x 20"	x 2-3/4"	NEMA 5-15P	18 lbs.	
LC-2200	2223	120	18.5	18" x 18"	18" x 22"	x 2"	NEMA 5-20P	18 lbs.	
HCB-01	Bracket to allow acceptance of HC-120 Heat control (not included)								1 lb.

