

BED BUG HEATERS

BY MOSEBACH MANUFACTURING ISO 9001:2015 Registered

BK10/15/20-3



BK10-3

The BK10L is perfect for rooms that have minimal power. This unit runs off of standard 120V, 15 amp wall outlets. It can treat rooms of about 300 Sq. ft. depending on insulation.

Total of 9.3 kW, 31,700 Btu/h



BK15-3

The BK15L is more powerful and runs off of 4, 120V, 15 amp outlets and 2, 240V, 20 amp outlets. The 240V connections are specifically designed to be used in hotel rooms with an independent air conditioning unit. It can treat rooms about 600 sq. ft.

Total of 13.9 kW, 47,400 Btu/h



BK20-3

This is our most powerful unit. It can treat rooms up to 800 sq. ft. depending on insulation. It runs off of 6, 120V, 15 amp outlets and 1, 240V, 50 amp circuit.

Total kW 19, 65,400 Btu/h

At 125°F bed bugs and their eggs will die in less than 1 minute. We recommend holding that temperature or higher for at least 2 hours to ensure the heat saturates into the mattress and other furniture the bed bugs could be living in.

HEAT REQUIRED AND MORTALITY TIME TABLE

Temperature (°F)	Time, in minutes, required for 100% mortality of:		
	Bed Bug (Eggs)	Bed Bugs (Adult)	German Cockroach (Male Adult)
115	480	90	58
120	90	2	27
125	<1	<1	16
130	<1	<1	7



1417 McLaughlin Run Rd.
Pittsburgh, PA 15241



For orders and information call **412-220-0200**

info@mosebachresistors.com | www.mosebachresistors.com

specifications: BK10/15/20-3

How to Treat a Room Using Mosebach's Bed Bug Killer

Place the unit in the center of the room and make sure the heater exhaust is free of obstruction. Prepare the room by sealing up vents, doors, and windows to prevent heat loss. Connect all power cords and make sure they are all on separate circuits to prevent down time. Once the unit is connected, turn the unit on and set the desired temperature on the local thermostat. Our units are programmable, so you can set the temperature you want the heater to work towards and it will keep the room at that temperature $\pm 5^{\circ}\text{F}$. Within a few hours, all the bed bugs and their eggs will be dead. No chemicals involved!



	BK10-3	BK15-3	BK20-3
Recommended Sq. Ft.	300	600	800
Volts	6 @ 120V	4 @ 120V & 2 @ 240V	6 @ 120V & 1 @ 240V
Amps Per Heating Element	5 @ 13 & 1 @ 15	3 @ 13, 1 @ 15, & 2 @ 16	5 @ 13, 1 @ 15, & 1 @ 40
Total kW at Full Power	9.3	13.92	18.96
Total Btu/h at Full Power	31,732	47,428	64,489
Internal Fan	Yes	Yes	Yes
CFM	830	830	830
Room Air Circulation Time	3 min. @ 300 sq. ft.	6 min. @ 600 sq. ft.	8 min. @ 800 sq. ft.
Sound	64 dBa	64 dBa	64 dBa
Local Thermostat	Yes	Yes	Yes
Weight	27	48	50
Dimensions	19" x 11" x 15"	23" x 14" x 24"	23" x 14" x 24"
Warranty	1 year on parts and labor 2 years on heating elements	1 year on parts and labor 2 years on heating elements	1 year on parts and labor 2 years on heating elements
Additional Equipment Required to Operate at Full Power	6 #12 extension cords (120V)	4 #12 extension cords (120V) 2 #12 cord for 20 amp elements (240V)	6 #12 extension cords (120V) 1 #10 cord for 40 amp element (240V)



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