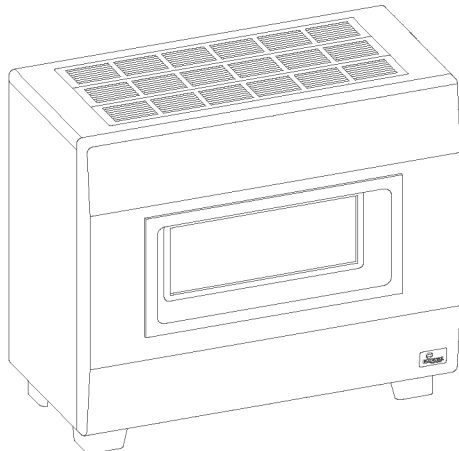




Empire Comfort Systems Inc.
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Vented Room Heater Models RH-50/RH-65



Specifications

Model	RH-50(B, C, CB)	RH-65(B, C, CB)
Input BTU/HR (KW/H)	50,000 (14.6)	65,000 (19)
Height	29 9/16" (751mm)	29 9/16" (751mm)
Width	34" (864mm)	34" (864mm)
Depth including diverter	23 3/16" (589mm)	27 11/16" (704mm)
Gas Inlet	1/2" (13mm)	1/2" (13mm)
Size Draft Diverter Collar	5" (127mm)	5" (127mm)
Floor to top of collar on vertical position of Draft Diverter	27 5/32" (690mm)	27 5/32" (690mm)
Floor to center of collar on horizontal position of Draft Diverter	22 9/16" (573mm)	22 9/16" (573mm)
Accessories		
Blower Package	FRB-3	FRB-3
Installed on "B" and "CB" models		
*Radiant Package	RAD-8	RAD-8
Heater Pad	RH-425	RH-425
*Ceramic Log	RHL-1	RHL-1

- * Available on "B" visual flame room heater models only.
- "B" models are visual flame room heaters with blowers installed.
- "C" models are closed front room heaters.
- "CB" models are closed front room heaters with blowers installed.

CLEARANCES

When facing the front of the room heater the minimum clearances to combustible construction (material) are the following:

1. Left side 6 inches (152mm).
2. Right side 6 inches (152mm).
3. Recommended 18 inches (457mm) on left side for servicing.
4. Do not install in alcove or closet.
5. No horizontal projection above heater permitted within 55 inches (140cm).
6. Ceiling 55 inches (140cm).
7. Draft hood to rear wall 2 inches (51mm).
8. Open in front to provide service, access, and clearance to construction.

VENTING

1. Flue pipe must be as large as the flue collar on the draft diverter.
 2. Maintain an upward slope of at least 1/4 inch (6mm) per foot of horizontal run.
 3. Run flue pipe as directly as possible with a minimum of elbows.
 4. Flue pipe should extend through the wall of a chimney to be flush with inner wall.
 5. Flue pipe must be adequately supported by metal strips.
 6. Single wall vent pipe may be attached directly to the draft hood of the room heater when a clearance of 2 1/2 inches (64mm) is maintained between the single wall vent pipe and the combustible wall of the room in which the room heater is located. Use double wall vent pipe for 1 inch (25mm) clearance to combustibles.
 7. For flue pipe running through walls and roof, use B-1 [1 inch (25mm) clearance to combustibles] vent pipe.
 8. Chimneys should extend at least 2 feet (.6m) above the roof and above any object or nearby building within 10 feet (3m).
 9. Open tees should not be used in the flue pipe.
 10. Appliance must not be connected to a chimney flue that is servicing a separate solid-fuel burning appliance.
- For proper venting, do not attach a 90° elbow directly to draft diverter. If possible, attach 2 feet (.6m) of straight vent pipe before an elbow is used. Use of 45° elbows is recommended.