

TABLE 304.8 - CLEARANCES, IN INCHES, WITH SPECIFIED FORMS OF PROTECTION <sup>1,2</sup>

TYPE OF PROTECTION Applied to the Combustible Material Unless Otherwise Specified and Covering All Surfaces within the Distance Specified as the Required Clearance with No Protection	WHERE THE STANDARD CLEARANCE IN TABLE 304.7 WITH NO PROTECTION IS:											
	36 Inches			18 Inches			12 Inches			6 Inches		
(Thicknesses Are Minimum) x 25.4 for mm	x25.4 for mm											
	Above	Sides and Rear	Chimney or Vent Connect- or	Above	Sides and Rear	Chimney or Vent Connect- or	Above	Sides and Rear	Chimney or Vent Connect- or	Above	Sides and Rear	Chimney or Vent Connect- or
1. ¼ inch insulating millboard spaced out one inch <sup>3</sup>	30	18	30	15	9	12	9	6	6	3	2	3
2. 0.013 inch (No. 28 manufacturer's standard gage) steel sheet on ¼ inch insulating millboard	24	18	24	12	9	12	9	6	4	3	2	2
3. 0.013 inch (No. 28 manufacturer's standard gage) steel sheet spaced out one inch <sup>3</sup>	18	12	18	9	6	9	6	4	4	2	2	2
4. 0.013 inch (No. 28 manufacturer's standard gage) steel sheet on 1/8 inch insulating millboard spaced out one inch <sup>3</sup>	18	12	18	9	6	9	6	4	4	2	2	2
5. 1 1/2 inches insulating cement covering on heating appliance	18	12	36	9	6	18	6	4	9	2	1	6
6. 1/4 inch insulating millboard on 1 inch mineral fiber batts reinforced with wire mesh or equivalent	18	12	18	6	6	6	4	4	4	2	2	2

1. For appliances complying with Sections 304.2 and 304.3.

2. Except for the protection described in Item 5, all clearances shall be measured from the outer surface of the appliance to the combustible material, disregarding any intervening protection applied to the combustible material.

3. Spacers shall be of noncombustible material.

NOTE: Insulating millboard is a factory-made product formed of noncombustible materials, normally fibers, and having a thermal conductivity of 1 Btu-inch per square foot per degree Fahrenheit (1.73W/(m K)) or less.