



**Table 1****Reducing Clearance from the Woodburning Appliance and Connector Pipe**

It is possible to reduce manufacturer's or NFPA 211 recommended clearances from the woodburning appliance and connector to combustible surfaces. When the required clearance with no protection is 36 inches or 18 inches respectively, the allowable clearance reduction is shown below.

Combustible Surface Covering	As Wall Protector		As Ceiling Protector	
	appliance	connector	appliance	connector
1. 3 1/2 in. thick masonry wall without ventilated air space.	33%-24"	33%-12"		
2. 1/2 in. thick non-combustible insulation board over 1 in. glass fiber or mineral wool batts without ventilated air space.	50%-18"	50%-9"	33%-24"	33%-12"
3. 24 gage sheet metal over 1 in. glass fiber or mineral wool batts reinforced with wire or equivalent, on rear face with 1 in. ventilated air space.	66%-12"	66%-6"	50%-18"	50%-9"
4. 3 1/2 in. thick masonry wall with 1 in. ventilated air space.	66%-12"	66%-6"		
5. 24 gage sheet metal with 1 in. ventilated air space.	66%-12"	66%-6"	50%-18"	50%-9"

**Table 1 (continued)**

Combustible Surface Covering	As Wall Protector		As Ceiling Protector	
	appliance	connector	appliance	connector
6. 1/2 in. thick non-combustible insulation board with 1 in. ventilated air space.	66%-12"	66%-6"	50%-18"	50%-9"
7. 1 in. glass fiber or mineral wool batts sandwiched between two sheets of 24 gage sheet metal with 1 in. ventilated air space.	66%-12"	66%-6"	50%-18"	50%-9"

**NOTE: After reduction, appliance clearance shall be not less than 12 inches to combustible walls and not less than 18 inches to combustible ceilings.**

**Connector clearance shall be not less than 6 inches to combustible walls and not less than 9 inches to combustible ceilings.**

**Non-combustible spacers must be used. Refer to NFPA 211 for further details.**