

Annex E | Minimum Clearances to Combustible Materials (Normative)

Table E.1. Minimum Clearances to Combustible Materials for Furnaces and Boilers

Appliance	Above and Sides of Furnace Plenum	Top of Boiler	Jacket Sides and Rear	Front	Draft Hood and Barometric Draft Regulator	Single-Wall Vent Connector
1. Automatically fired, forced air or gravity system, equipped with temperature limit control which cannot be set higher than 250°F (121°C)	6	N/A	6	18	6	18
2. Automatically fired heating boilers—steam boilers operating at not over 15 psi and hot water boilers operating at not in excess of 250°F (121°C)	6	6	6	6	18	18
3. Central heating boilers and furnaces, other than 1. or 2.	18	18	18	18	18	18
4. Air-conditioning appliances*	18*	18	18	18	18	18

*Where supply ducts are within 3 ft. (0.9 m) of the furnace plenum, listed air conditioning equipment shall have clearances no less than that specified from the furnace plenum.

BPI-1200-S-201x Standard Practice for Basic Analysis of Buildings

Table E.2. Minimum Clearances to Combustible Materials for Vent Connectors (in inches)	
Vent Material	Minimum Clearance
Type B Gas Vent	6
Type L Vent	6
Single Wall Metal Pipe.	9

