

TABLE 3-3
Chimney Connector and Vent Connector Clearances
from Combustible Materials

DESCRIPTION OF APPLIANCE	Minimum Clearance, ¹	
	Inches	(mm)
RESIDENTIAL-TYPE APPLIANCES		
Single-Wall Metal Pipe Connectors²		
Gas appliances without draft hoods	18	(457)
Electric, gas, and oil incinerators	18	(457)
Oil and solid-fuel appliances	18	(457)
Unlisted gas appliances with draft hoods	9	(229)
Boilers and furnaces equipped with listed gas burners and with draft hoods	9 ³	(229)
Oil appliances listed as suitable for use with Type L venting systems (but only when connected to chimneys)	9	(229)
Listed gas appliances with draft hoods	6	(152)
Type L Venting System Piping Connectors		
Gas appliances without draft hoods	9	(229)
Electric, gas, and oil incinerators	9	(229)
Oil and solid-fuel appliances	9	(229)
Unlisted gas appliances with draft hoods	6	(152)
Boilers and furnaces equipped with listed gas burners and with draft hoods	6	(152)
Oil appliances listed as suitable for use with Type L venting systems ⁴		
Listed gas appliances with draft hoods ⁵		
Type B Gas Vent Piping Connectors		
Listed gas appliances with draft hoods ⁵		
COMMERCIAL-INDUSTRIAL TYPE APPLIANCES		
Low-Heat Appliances		
Single-Wall Metal Pipe Connectors²		
Gas, oil, and solid-fuel boilers, furnaces, and water heaters	18	(457)
Ranges, restaurant-type	18	(457)
Oil unit heaters	18	(457)
Unlisted gas unit heaters	18	(457)
Listed gas unit heaters with draft hoods	6	(152)
Other low-heat industrial appliances	18	(457)
Medium-Heat Appliances		
Single-Wall Metal Pipe Connectors²		
All gas, oil, and solid-fuel appliances	36	(914)

Notes:

- ¹ These clearances apply except if the listing of an appliance specifies different clearance, in which case the listed clearance takes precedence.
- ² The clearances from connectors to combustible materials may be reduced if the combustible material is protected in accordance with Table 3-2.
- ³ The dimension may be six (6) inches (152 mm), provided the maximum flue temperatures entering the draft hood do not exceed 550°F (288°C).
- ⁴ If listed Type L venting system piping is used, the clearance may be in accordance with the venting system listing.
- ⁵ If listed Type B or Type L venting system piping is used, the clearance may be in accordance with the venting system listing.