

TABLE 3-1
Standard Installation Clearances in Inches for Unlisted Heat-Producing Appliances
 See Section 304.0.

in x 25.4 = mm

RESIDENTIAL-TYPE APPLIANCES		APPLIANCE					
		ABOVE TOP OF CASING OR APPLIANCE	FROM TOP AND SIDES OF WARM-AIR BONNET OR PLENUM	FROM FRONT ¹	FROM BACK	FROM SIDES	
FUEL							
BOILERS AND WATER HEATERS¹¹							
Steam Boilers—15 psi (103.4 kPa)		Automatic Oil or Comb. Gas-Oil	6	24	6	6	
Water Boilers—250°F (121°C)		Automatic Gas	6	18	6	6	
Water Heaters—200°F (93°C)		Solid	6	48	6	6	
All Water Walled or Jacketed							
FURNACES—CENTRAL; OR HEATERS¹¹—							
ELECTRIC CENTRAL WARM-AIR FURNACES		Automatic Oil or Comb. Gas-Oil	6 ²	6 ²	24	6	
Gravity, Upflow, Downflow, Horizontal and Duct Warm-Air—250°F (121°C) max.		Automatic Gas	6 ²	18	6	6	
		Solid	18 ³	48	18	18	
		Electric	6 ²	18	6	6	
FURNACES—FLOOR							
For Mounting in Combustible Floors		Automatic Oil or Comb. Gas-Oil	36	12	12	12	
		Automatic Gas	36	12	12	12	
HEAT EXCHANGERS							
Steam—15 psi (103.4 kPa) max.			1	1	1	1	
Hot Water—250°F (121°C) max.							
ROOM HEATERS⁴							
Circulating Type		Oil or Solid	36	24	12	12	
Radiant or Other Type		Gas	36	24	12	12	
		Oil or Solid	36	36	36	36	
		Gas	36	36	18	18	
		Gas with double metal or ceramic back	36	36	12	18	
Fireplace Stove		Solid	48 ⁵	54	48 ⁵	48 ⁵	
RADIATORS							
Steam or Hot Water ⁶			36	6	6	6	
RANGES—COOKING STOVES							
						Firing Side Opp. Side	
		Oil	30 ⁷		9	24	18
		Gas	30 ⁷		6	6	6
		Solid Clay-Lined Firepot	30 ⁷		24	24	18
		Solid Unlined Firepot	30 ⁷		36	36	18
		Electric	30 ⁷		6	6	6
INCINERATORS							
Domestic Types			36 ⁸	48	36	36	
COMMERCIAL INDUSTRIAL-TYPE APPLIANCES ANY AND ALL PHYSICAL SIZES EXCEPT AS NOTED ¹¹		APPLIANCE					
		ABOVE TOP OF CASING OR APPLIANCE	FROM TOP AND SIDES OF WARM-AIR BONNET OR PLENUM	FROM FRONT	FROM BACK ⁹	FROM SIDES ⁹	
FUEL							
BOILERS AND WATER HEATERS							
100 cu. ft. (2.832 m ³) or less		All Fuels	18	48	18	18	
Steam, any pressure		All Fuels	18	48	18	18	
50 psi (345 kPa) or less							
Any size							
UNIT HEATERS							
Floor Mounted or Suspended—Any Size		Steam or Hot Water	1		1	1	
Suspended—100 cu. ft. (2.832 m ³) or less		Oil or Comb. Gas-Oil	6	24	18	18	
		Gas	6	18	18	18	
Suspended—100 cu. ft. (2.832 m ³) or less		All Fuels	18	48	18	18	
Suspended—Over 100 cu. ft. (2.832 m ³)		All Fuels	18	48	18	18	
Floor Mounted—Any Size							
RANGES—RESTAURANT-TYPE							
Floor Mounted		All Fuels	48	48	18	18	
OTHER LOW-HEAT INDUSTRIAL APPLIANCES							
Floor Mounted or Suspended		All Fuels	18	18	48	18	