

**WAC 51-52-0507 Section 507—Commercial kitchen hoods.**

**507.1.2 Domestic cooking appliances used for commercial purposes.** Domestic cooking appliances utilized for commercial purposes shall be provided with Type I, Type II or residential hoods as required for the type of appliances and processes in accordance with Table 507.1.2 and Sections 507.2 and 507.3. Domestic cooking appliances utilized for domestic purposes shall comply with Section 505.

**TABLE 507.1.2  
TYPE OF HOOD REQUIRED FOR DOMESTIC COOKING APPLIANCES  
IN THE FOLLOWING SPACES<sup>a, b</sup>**

Type of Space	Type of Cooking	Type of Hood
Church	1. Boiling, steaming and warming precooked food	Type II hood
	2. Roasting, pan frying and deep frying	Type I hood
Community or party room in apartment and condominium	1. Boiling, steaming and warming precooked food	Residential hood <sup>c</sup> or Type II hood <sup>d</sup>
	2. Roasting, pan frying and deep frying	Type I hood
Day care	1. Boiling, steaming and warming precooked food	Residential hood <sup>c</sup> or Type II hood <sup>d</sup>
	2. Roasting, pan frying and deep frying	Type I hood
Dormitory, boarding home, nursing home	1. Boiling, steaming and warming precooked food	Type II hood
	2. Roasting, pan frying and deep frying	Type I hood
Office lunch room	1. Boiling, steaming and warming precooked food	Residential hood <sup>c</sup> or Type II hood <sup>d</sup>
	2. Roasting, pan frying and deep frying	Type I hood

<sup>a</sup> Commercial cooking appliances shall comply with Section 507.2.

<sup>b</sup> Requirements in this table apply to electric or gas fuel appliances only. Solid fuel appliances or charbroilers require Type I hoods.

<sup>c</sup> Residential hood shall ventilate to the outside.

<sup>d</sup> Type II hood required when more than one appliance is used.

**507.2 Type I hoods.** Type I hoods shall be installed where cooking appliances produce grease or smoke as a result of the cooking process. Type I hoods shall be installed over medium-duty, heavy-duty and extra-heavy-duty cooking appliances.

EXCEPTIONS: 1. A Type I hood shall not be required for an electric cooking appliance where an approved testing agency provides documentation that the appliance effluent contains 5 mg/m<sup>3</sup> or less of grease when tested at an exhaust flow rate of 500 cfm in accordance with Section 17 of UL 710B.  
2. A Type I hood shall not be required in an R-2 type occupancy with not more than 16 residents.

[Statutory Authority: RCW 19.27.031 and 19.27.074. WSR 16-01-148, § 51-52-0507, filed 12/21/15, effective 7/1/16. Statutory Authority: RCW 19.27.031, 19.27.074 and chapters 19.27 and 34.05 RCW. WSR 13-04-053, § 51-52-0507, filed 2/1/13, effective 7/1/13. Statutory Authority: RCW 19.27.190, 19.27.074, 19.27.031 and chapters 19.27 and 34.05 RCW. WSR 10-03-099, § 51-52-0507, filed 1/20/10, effective 7/1/10.]