

5. CLEARANCE REDUCTION

TABLE 3 OF CSA B365 2001

Reduction in Appliance and Ductwork Clearance from
Combustible Material with Specified Forms of Protection
(Forming part of Clause 7.2.4)

Type of protection (shield)	Clearances may be reduced by these percentages	
	Sides and rear	Top
Sheet metal, a minimum of 29 gauge in thickness spaced out at least 21 mm (7/8") by non-combustible spacers	67	50
Ceramic tiles, or equivalent non-combustible material on non-combustible supports spaced out at least 21 mm (7/8") by non-combustible spacers	50	33
Ceramic tiles, or equivalent non-combustible material on non-combustible supports with a minimum of 29 gauge sheet metal backing spaced out at least 21 mm (7/8") by non-combustible spacers	67	50
Brick spaced out at least 21 mm (7/8") by non-combustible spacers	50	N/A
Brick with a minimum of 29 gauge sheet metal backing spaced out at least 21 mm (7/8") by non-combustible spacers	67	N/A
<div> <div> Shield Construction Requirements <ol style="list-style-type: none"> Minimum space between shield and combustibles: 21 mm (7/8") Minimum clearance along the bottom of shield: 25 mm (1") Maximum clearance along the bottom of shield: 75 mm (3") Minimum clearance along the top of shield at ceiling: 75 mm (3") Shield extension beyond each side of appliance: 450 mm (18") Shield extension above appliance: 500 mm (20") Edge clearance for ceiling shields: 75 mm (3") Adhesives used in shield construction must not ignite or lose adhesive qualities at temperatures likely to be encountered. Mounting hardware must allow full vertical ventilation. Mounting hardware must not be located closer than 200 mm (8") from the vertical centre line of the appliance. Mounting hardware that extends from the shield surface into combustibles may be used only at the lateral extremities of the shield. </div> </div>		