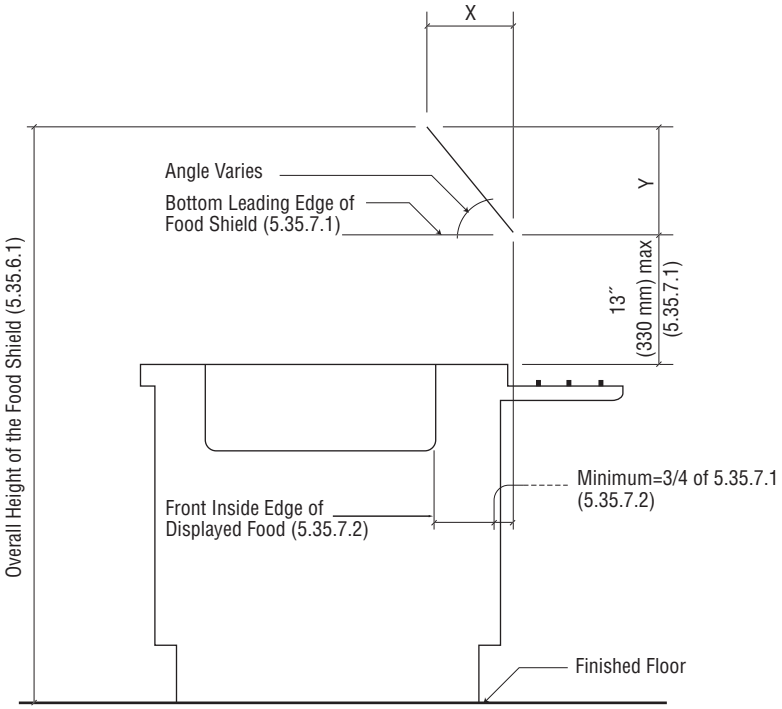
CRL Guidelines for Self-Service Open Front Food Bars

Regulations for Self-Service Sneeze Guards are set by national standards or by the local Health Department. After fabricating numerous Sneeze Guards for various food establishments we have narrowed down what we feel is acceptable in most jurisdictions for Self-Service Open Front Food Bars. The illustration to the right is our guideline, however the local Health Department or Building Department should be contacted as some have additional or stricter regulations.

Basically the CRL guidelines have been accepted by most jurisdictions across the country, however if you have any additional requirements placed on you, we will do our best to cover those requirements.



General Explanations on Food Service Barriers

What are Partition and Barrier Posts?

CRL Partition and Barrier Posts provide an almost invisible barrier between the customer and the food preparation areas. Partitions are vertical glass walls held in place by partition posts. They are designed to protect the food, and keep the customer from having any access to it. In recent years a lot of the food preparation has moved from the kitchen to the service line. No service is offered in this area, but visually it allows the customer to view the various selections being prepared and help determine their choice of entree. Partitions are also used as Booth Dividers and Area Separation Walls. The large variety of shapes, finishes, and sizes will cover most stock and custom applications.



What are Sneeze Guards and Food Shields?



Full Service Models



Self-Service Models

CRL Sneeze Guards and Food Shields protect food from sneezes and provide protection from the human breath zone. They fall into two categories: Full Service models that restrict access to the food by the customer, and usually have a top shelf for plated foods that are assembled by a server; Self-Service models (commonly used at Salad Bars) that allow the customer to serve themselves. This usually consists of a slanted piece of glass that protects the food from the breath zone as specified by CRL (see guidelines above). Full Service and Self-Service models are frequently combined to suit the needs of various dining establishments.

Design Guidelines for CRL Partition Posts and Sneeze Guards

- **Basic Measurements to Keep in Mind While Designing Your Service Areas**

A big part of a successful project is the initial layout and design. You want to make sure that your plans are attainable using the selected CRL hardware, and that you aren't creating a design that will run into roadblocks later in the process.

The information below is intended to assist your design process. As always, we offer technical assistance for all of your projects. Contact the Hospitality Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can send email from the home page of **crlaurence.com**. Click on Contact Us, and then click on Technical Sales for Hospitality Products.

Maximum Spans Between Uprights (Per GANA Guidelines)

DESIGN SERIES AND SCULPTURE SERIES ALUMINUM PARTITION POSTS AND SNEEZE GUARDS

Our Design Series and Sculpture Series Aluminum Posts and Sneeze Guards are designed to accept 1/4" (6 mm) glazing. The maximum recommended span between uprights is 36" (914 mm).

PLAZA, ELEGANT, CONTEMPORARY, TIGHT-FIT, AND SLIMLINE SERIES STAINLESS STEEL AND BRASS PARTITION POSTS AND SNEEZE GUARDS

Our stainless steel and brass posts can be used with glass from 1/4" to 1/2" (6 to 12 mm) thick. For 1/4" (6 mm) glass the maximum recommended span between uprights is 42"; for 3/8" (10 mm) glass the maximum span is 56" (1422 mm); for 1/2" (12 mm) glass the maximum span is 72" (1829 mm).

Glass Deductions for Stainless Steel and Brass Tubing Posts

MEASURED CENTER-TO-CENTER OF POSTS		ROUND TUBING			SQUARE TUBING
HARDWARE	GLASS THICKNESS	1" (25.4 MM) DIAMETER	1-1/2" (38.1 MM) DIAMETER	2" (50.8 MM) DIAMETER	1-1/2" (38.1 MM) SQUARE
STAINLESS STEEL U-CHANNEL	1/4" (6 mm) and 3/8" (10 mm)	1-1/4" (31.7 mm) Deduction	1-3/4" (44.5 mm) Deduction	2-1/4" (57.1 mm) Deduction	2-3/8" (60.3 mm) Deduction
BRASS U-CHANNEL	1/4" (6 mm) and 3/8" (10 mm)	Not Applicable	1-13/16" (46 mm) Deduction	2-5/16" (58.7 mm) Deduction	Not Applicable
GLASS FITTINGS	1/4" (6 mm) and 3/8" (10 mm)	1-7/8" (47.6 mm) Deduction	2-3/8" (60.3 mm) Deduction	Not Applicable	2" (50.8 mm) Deduction
GLASS CLIPS	1/4" (6 mm) and 3/8" (10 mm)	Not Applicable	2-3/16" (55.6 mm) Deduction	Not Applicable	2-3/16" (55.6 mm) Deduction
Z-CLAMPS # Some Z-Clamps have an option for a notch in the glass.	1/4" (6 mm)	1-13/16" (46 mm) Deduction	3-1/16" (77.8 mm) Deduction	3-9/16" (90.5 mm) Deduction	3-1/16" (77.8 mm) Deduction
	3/8" (10 mm)	2-9/16" (65.1 mm) Deduction	#	#	#
	1/2" (12 mm)	Not Applicable			

Glass Deductions for Design Series Aluminum Posts

Design Series 1-1/8" (28.6 mm) square extruded aluminum Partition Posts accept 1/4" (6 mm) glass in u-channels affixed to the vertical edges. The glass deduction is 1-7/16" (36.5 mm) from the center-to-center measurement between posts.
NOTE: Deductions are based on CRL recommended measurements to achieve a secure glass fit between uprights.
As with any project, your conditions may vary, and extra care should be taken to make exact measurements.