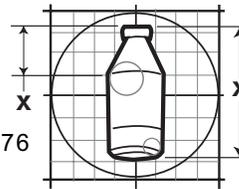




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Package Vending Specification

426 Industrial Boulevard • Kearneysville WV 25430-2776
 Phone: (304) 728-7056 • Fax: (304) 725-6579



PAGE: 1 of 7
DATE: 12 Apr 06
REVISION: 02

PRODUCT NAME: Nesquik 14 oz. Milk (aseptic product)
BOTTLER / COMPANY: Nestlé USA Inc.
VOLUME: 14 oz. / 414 mL
PACKAGE TYPE: Plastic
HEIGHT: 7.67 in. / 194.8 mm
DIAMETER: 2.64 in. / 67.0 mm
WEIGHT: 1.06 lbs. / 0.48 kg
COUNTRY OF ORIGIN: USA

PVS SUMMARY: *The Nesquik® Vend Kits (also described as “shim kits”) were developed by Royal Vendors to enhance the vending reliability of Nesquik® bottles. On-going testing has found that Nesquik® packages may become distorted depending on the length of time the package has been in the column and to some degree on the specific temperature of the package when vended. Installation of a Nesquik® Vend Kit substantially improves the vend reliability of Nesquik® packages.*

CHANGES IN NESQUIK® VENDING PACKAGES: Since initially launched into the vending industry, Nestlé has offered Nesquik® products to the vending industry in three different packages:

1. The original 16-ounce bottle, which requires continual refrigeration to maintain shelf-life;
2. A 14-ounce milk / 13.5-ounce milkshake bottle (same package size for both products), also requiring continual refrigeration; and
3. A new (available 2006) 14-ounce shelf-stable bottle, which can now be warehoused and transported at ambient temperature without an impact on shelf-life levels. (At a later date, 13.5-ounce milkshake products will be available in vending within this same package.)



Each Nesquik® package requires vending operators to install a Nesquik® Vend Kit in each vender column in which Nesquik® product is vended. This PVS addresses the Nesquik® Vend Kits for each Nesquik® package.

NOTE: *Nestlé management has approved only 14-ounce milk / 13.5-ounce milkshake packages for use within the vender column. As such, this PVS addresses the Nesquik® Vend Kit installation requirements necessary to support the vending of the 14-ounce / 13.5-ounce packages only.*

EXPANDED MACHINE ACCEPTABILITY: Historically, the requirement for continuous refrigeration for Nesquik® milk and milkshake products necessitated their vending from milk venders equipped with health sensors to ensure maintenance of the required refrigerated temperatures (33°-45° F). The availability of Nesquik® in aseptic, shelf-stable packaging now allows placement of the Nesquik® product within traditional, zone-cooled refrigerated beverage machines. As such, this PVS also includes guidelines for Nesquik® Vend Kit installation within Royal Vendors' GIII equipment for Nesquik® product vending.

IMPORTANT NOTE: *Only aseptic product may be vended in GIII. See page 6 for further information.*

APPROVED VENDERS				
VENDER	RETAINERS		72" CAPACITY	
	Front	Rear	Front	Rear
Milk Vender	5	5	26	26
GIII	10	5	26	26

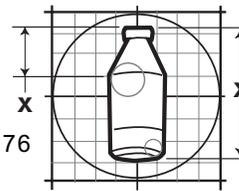
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PRODUCT NAME: Nesquik 14 oz. Milk (aseptic product)

REQUIRED NESQUIK® VEND KITS BY MACHINE TYPE: To adjust machines to enable consistent package vending of the new shelf-stable Nesquik® packages, installation or adjustment of Nesquik® Vend Kits depends upon the type of machine and any prior installation of Nesquik® Vend Kits as summarized below:

- **MILK VENDERS WITH NO KITS CURRENTLY INSTALLED:** FRONT COLUMNS: Install part number 332122 Nesquik 13.5/14 oz. Front Column Vend Kit (one per column). REAR COLUMNS: Install part number 332123 Nesquik 13.5/14 oz. Rear Column Vend Kit (one per column). ALL COLUMNS: Part number 827004 Anti-friction Sheet Silicone. See Section 1, below.
- **MILK VENDERS WITH 16 OZ. NESQUIK VEND KITS INSTALLED:** Install part number 332124 Nesquik 16 - 13.5/14 oz. Conversion Kit (one per column, front and rear). See Section 1, below.
- **MILK VENDERS WITH 14 OZ. NESQUIK VEND KITS INSTALLED:** Move product retainer in each column to position 5. No additional parts required. See Section 1, below.
- **GIII 79" BEVERAGE VENDER:** FRONT COLUMNS: Install part number 231155 Nesquik 14 oz. Vend Kit GIII 79" Front (one per column). REAR COLUMNS: Install part number 231156 Nesquik 14 oz. Vend Kit GIII Rear (one per column). See Section 2, below.
- **GIII 72" BEVERAGE VENDER:** FRONT COLUMNS: Install 232156 Nesquik 14 oz. Vend Kit GIII 72" Front (one per column). REAR COLUMNS: Install part number 231156 Nesquik 14 oz. Vend Kit GIII Rear (one per column). See Section 2, below.

SECTION 1. MILK VENDER INSTALLATION INSTRUCTIONS:

NOTE: For Milk Venders with 16 oz. Nesquik Bottle Kits already installed, skip instruction items 3 and 4.

NOTE: The 16 oz. Nesquik bottle can be vended with the 13.5 / 14 oz. Vend Kits installed in the Milk Vender.

1. Remove power from the vender by unplugging the vender's main power cord from the AC voltage source (outlet).
2. Remove all product from the columns to be converted.
3. Remove the rubber strip on the top left-side column wall which is used to secure product retainers.
4. **FRONT COLUMNS:** Remove the product retainers and the plastic baffle from the column. Install a bottle filler as shown in Figure 1. Install the filler plate by placing it all the way against the center divider channel, so that the filler plate's top tab slides into position 9 and the bottom tab slides securely into the square hole in the baffle nearest the divider. (See Figure 4.) Install an anti-friction sheet so that the top of the sheet is at the laser line on the filler plate, with the bottom portion of the sheet on the baffle. Apply a thin coat of silicone to the anti-friction sheet after it is installed. Attach one of the black extrusions from the kit to the left product retainer. (See Figure 2.)
REAR COLUMNS: Move the back spacer assembly all the way to the rear, and remove the plastic baffle from the column. Install a bottle filler as shown in Figure 1. Install the filler plate by placing the top tab in the position closest to the divider channel. Install an anti-friction sheet so that the top of the sheet is at the laser line on the filler plate, with the bottom portion of the sheet on the baffle. (See Figure 5.) Apply a thin coat of silicone to the anti-friction sheet after it is installed.
5. Install front column retainers in position 5, counting from the front. Install rear column back spacers in position 5, counting from the rear.
6. Attach one divider extrusion to the left side of the center channel. (See Figure 3.)
7. Install one column extrusion on the right-side column wall. (See Figure 6.)
8. Load bottles with caps alternating front to rear. (**Important:** See loading instructions and photos on page 5.)
9. Restore power to the vender by plugging the vender's main power cord into the AC voltage source (outlet).

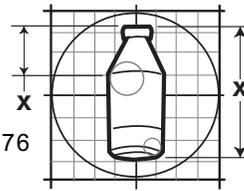
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PRODUCT NAME: Nesquik 14 oz. Milk (aseptic product)

Figure 1

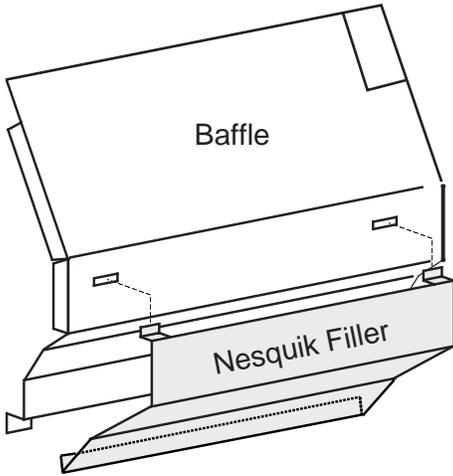


Figure 2

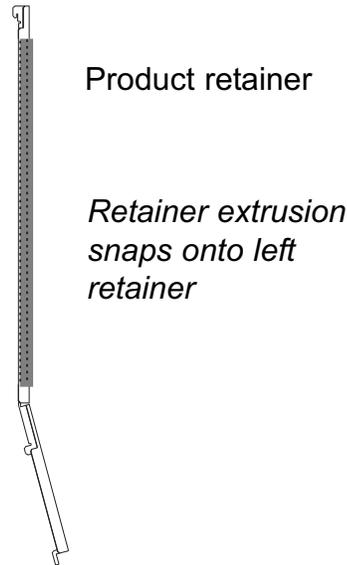


Figure 3

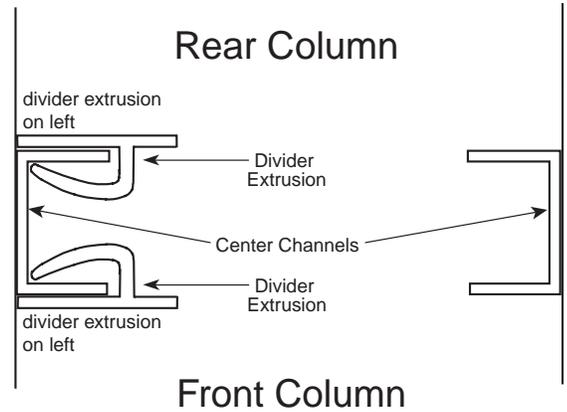
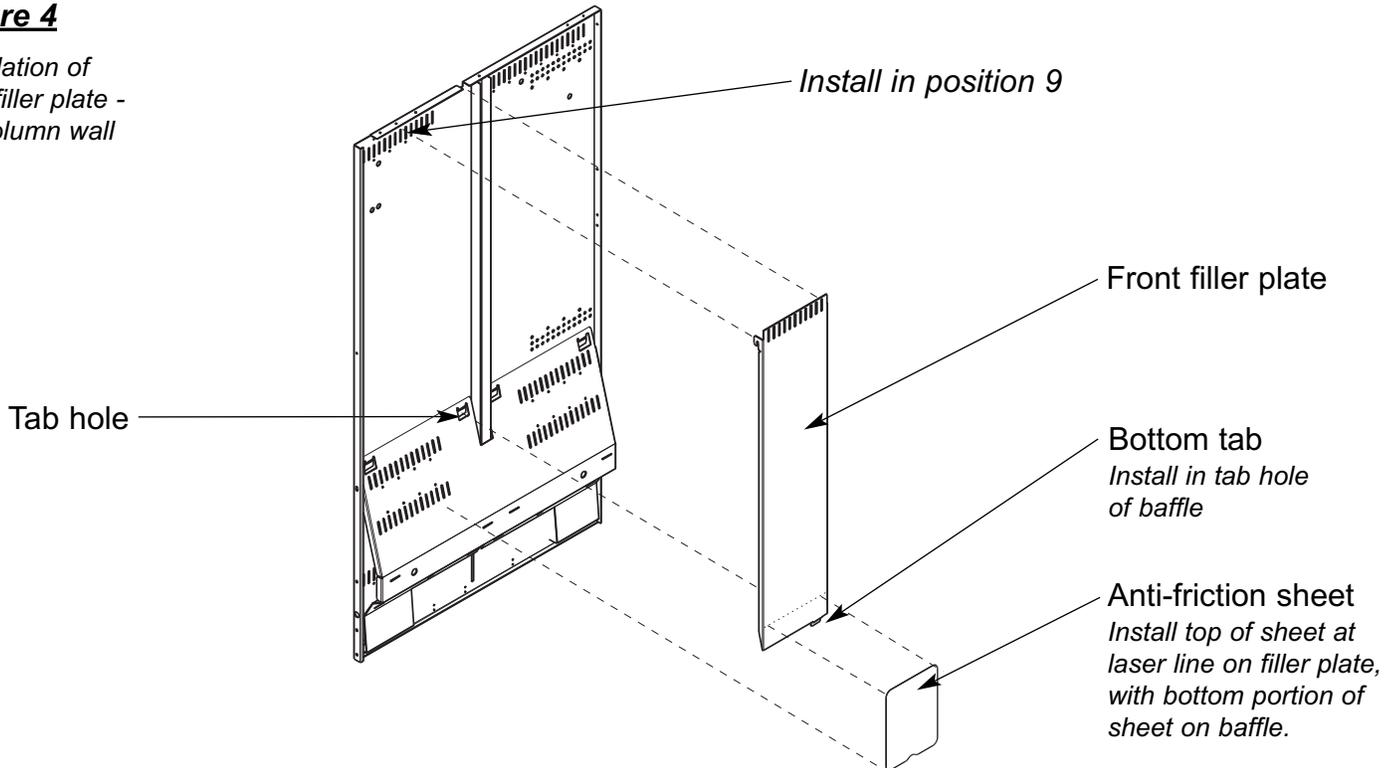


Figure 4

Installation of front filler plate - left column wall

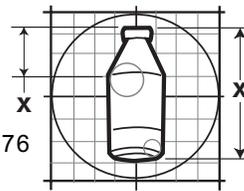


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Figure 5

Installation of rear filler plate - left column wall

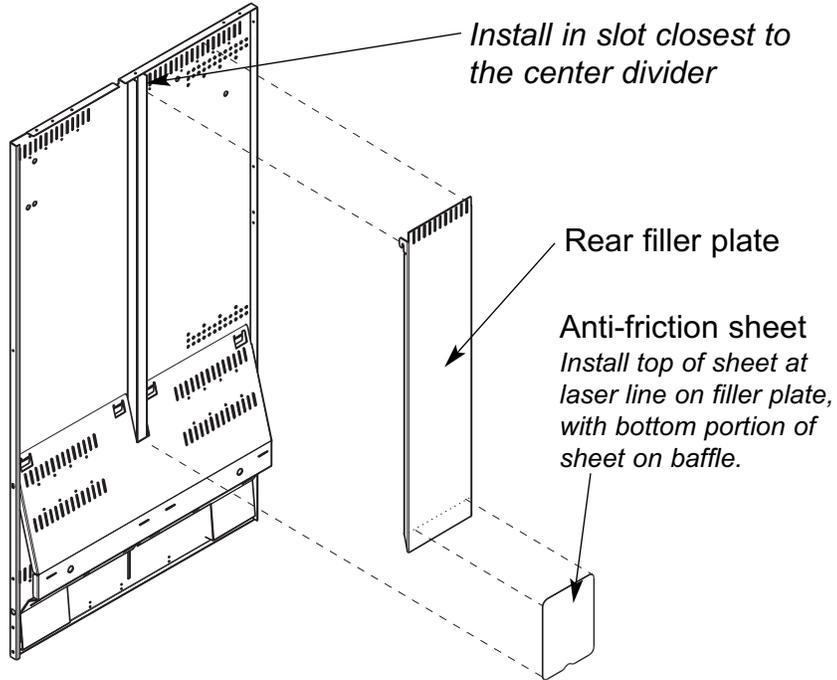
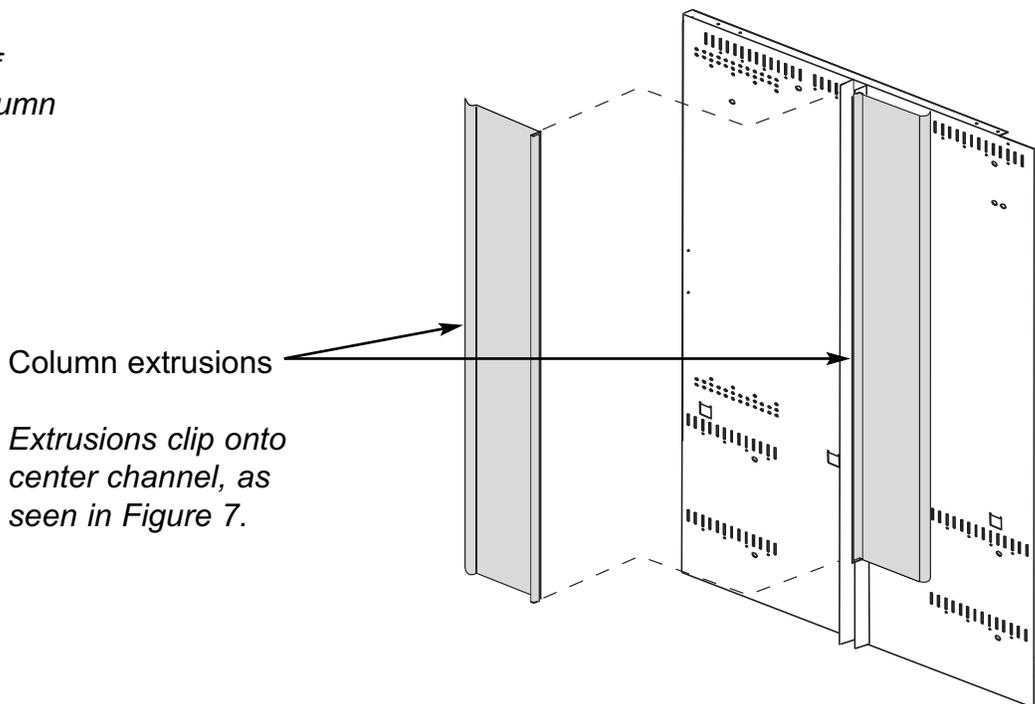


Figure 6

Installation of right-side column extrusions



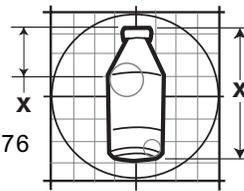
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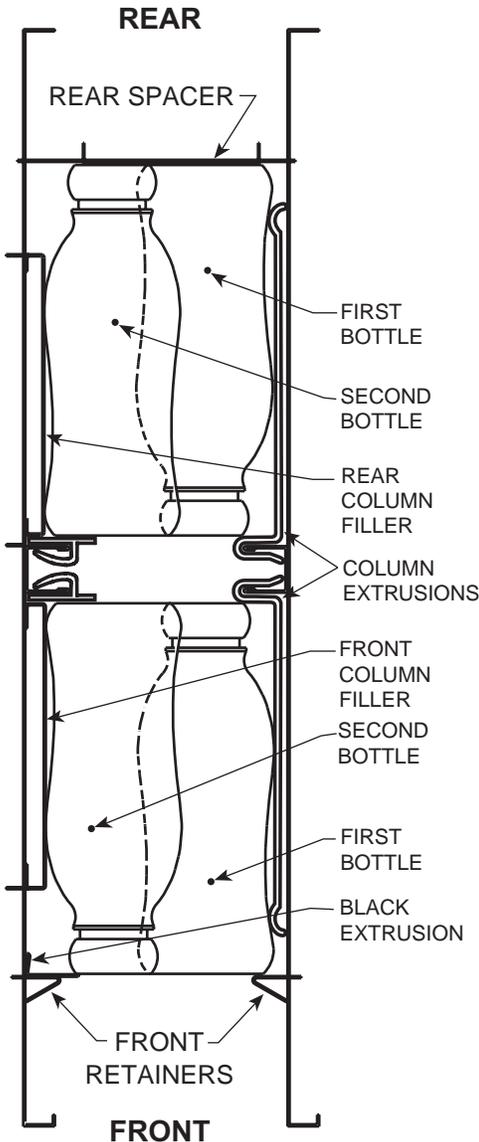
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Figure 7

Top View



Rear column properly loaded



NOTES:

1. Care should be taken when loading product into the front and rear columns to prevent product migration or other vending errors. Do not exceed recommended loading capacity.
2. **Rear column loading instructions:** On the initial product fill, load the first bottle with the cap to the front on the right side of the column, and reverse the direction of the second bottle loaded so it is loaded on the left side with the cap to the back. Continue alternating bottle directions, such that the caps are always to the front on the right-side packages within the column. Each time the column is filled, the last package should be on the left side with the cap towards the back.
3. **Front column loading instructions:** On the initial product fill, load the first bottle with the cap to the back on the right side of the column, and reverse the direction of the second bottle loaded so it is loaded on the left side with the cap to the front. Continue alternating bottle directions, such that the caps are always to the back on the right-side packages within the column. Each time the column is filled, the last package should be on the left side with the cap towards the front.



Front column properly loaded



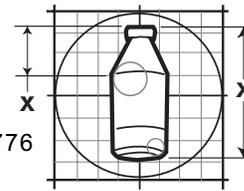
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SECTION 2. GIII VENDER INSTALLATION INSTRUCTIONS:

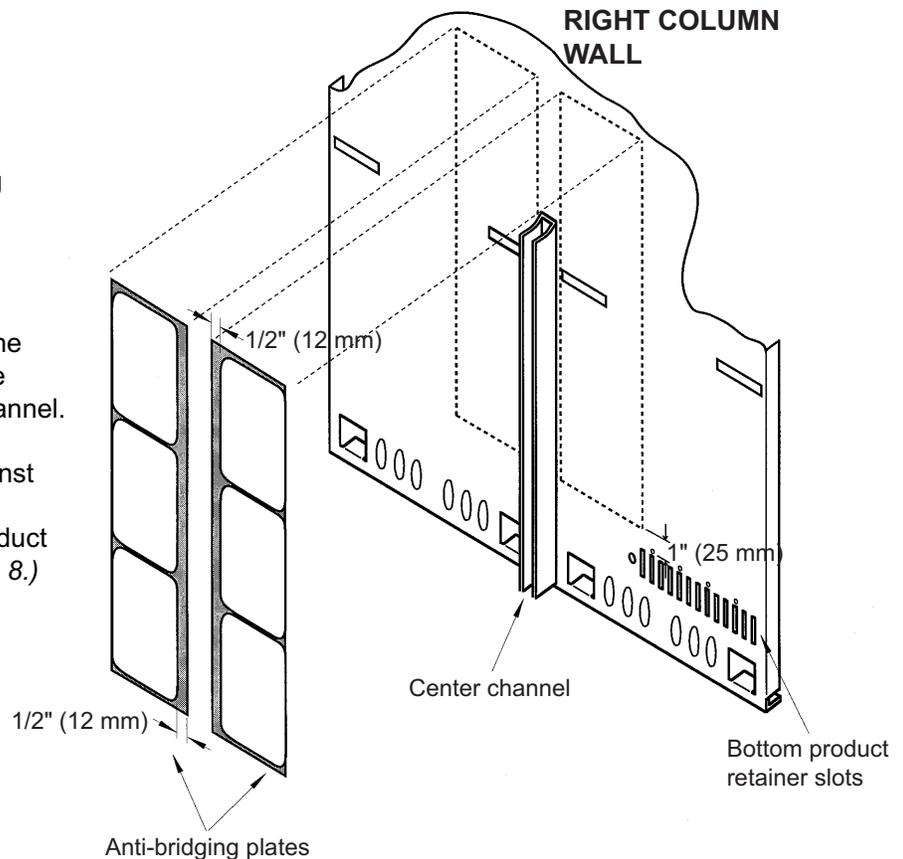
IMPORTANT NOTE: Only aseptic product may be vended in GIII. The GIII vender is not equipped with a health sensor.

FRONT COLUMNS

1. Remove power from the vender by unplugging the vender's main power cord from the AC voltage source (outlet).
2. Remove all product from the column to be converted.
3. Remove both product retainers from the column.
4. Peel the backing from the two-sided tape on the back of the anti-bridging plate. Place the plate on the right column wall against the center channel. Make sure the edge of the plate that has 1/2" (12 mm) of metal exposed is aligned against the center channel. Place the bottom of the plate approximately 1" (25 mm) above the product retainer slots on the column wall. (See Figure 8.)
5. Install one column extrusion on the left-side column wall. (See Figure 9.)
6. Attach the black retainer extrusion from the kit to the right product retainer. (See Figure 2.)
7. Install the left and right product retainers in position 10, counting from the front.
8. Load bottles with caps to the front.
9. Restore power to the vender by plugging the vender's main power cord into the AC voltage source (outlet).

Figure 8

Anti-bridging plate installation



REAR COLUMNS

1. Remove power from the vender by unplugging the vender's main power cord from the AC voltage source (outlet).
2. Remove all product from the column to be converted and the column in front of it.
3. Peel the backing from the two-sided tape on the back of the anti-bridging plate. Place the plate on the right column wall against the center channel. Make sure the edge of the plate that has 1/2" (12 mm) of metal exposed is aligned against the center channel. Place the bottom of the plate approximately 1" (25 mm) above the product retainer slots on the column wall. (See Figure 8.)
4. Place the backspacer assembly in position 5, counting from the rear.
5. Attach one divider extrusion to the center channel on both sides of the column being converted. (See Figure 10.)
6. Load bottles with caps to the rear.
7. Restore power to the vender by plugging the vender's main power cord into the AC voltage source (outlet).

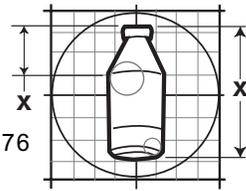
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Figure 9

Installation of column extrusion in GIII vender

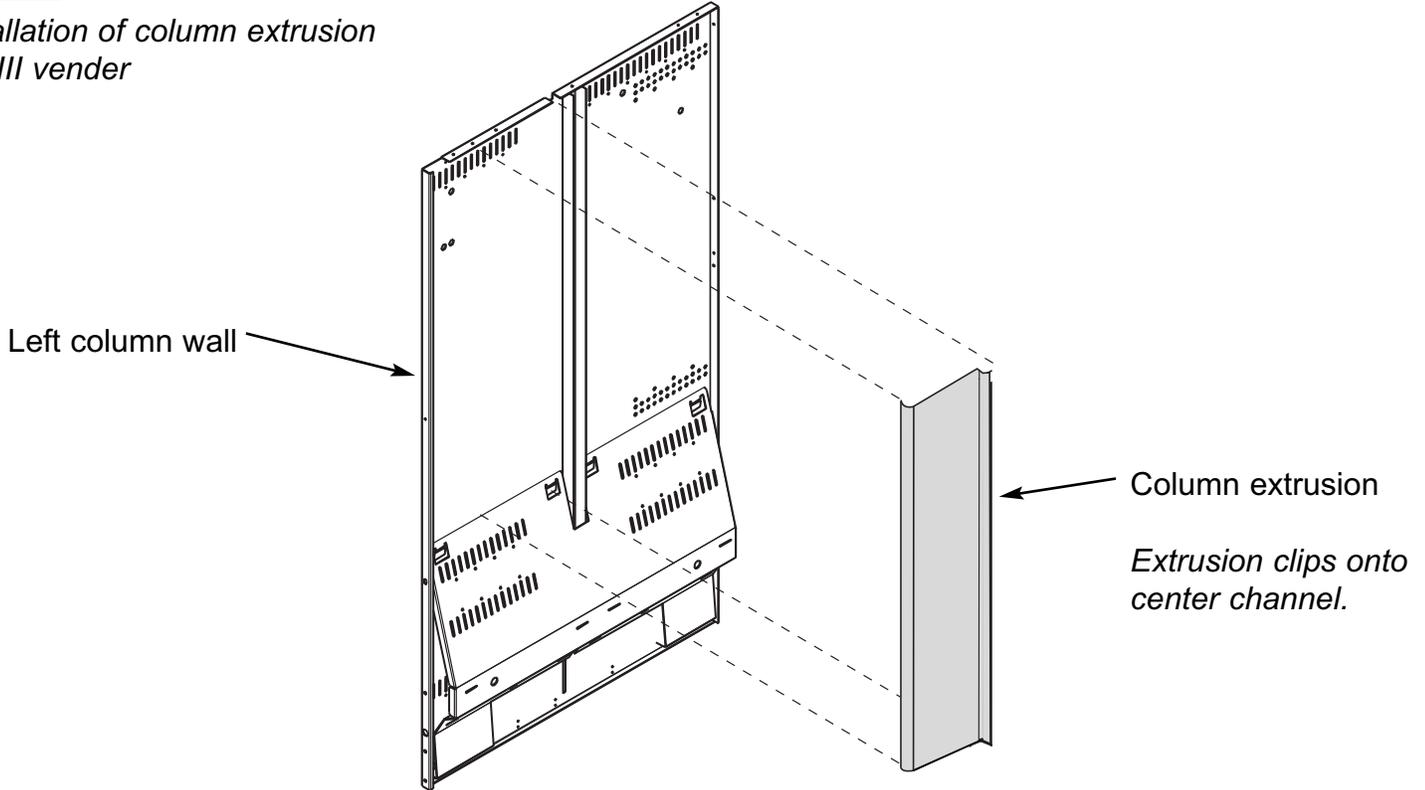
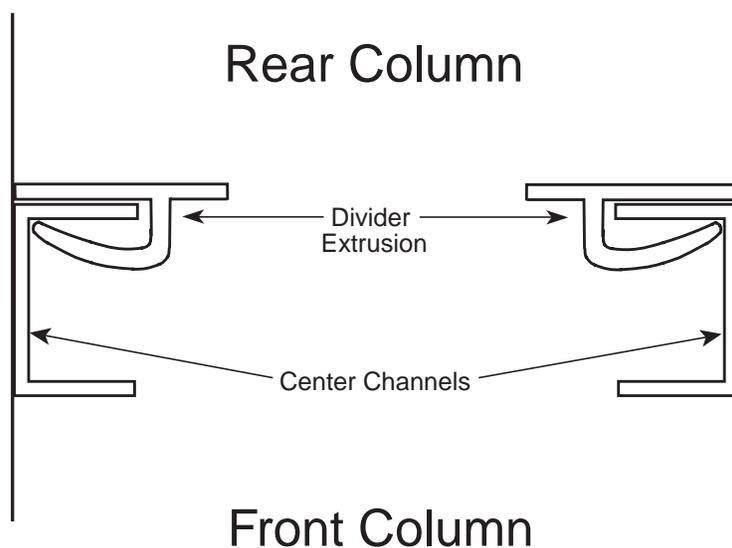


Figure 10

Installation of divider extrusions in GIII rear column



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