

# PERFECT SERVINGS POWDER DISPENSER

Model# **PSPD-5**

Serial# \_\_\_\_\_

## Installation and Operating Instructions

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Manufactured by: United Food Group, Inc.  
P.O. Box 617  
West Dundee, IL 60118  
Tel: (847) 622-1803 Fax: (847) 622-1713

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**Specifications:** 17 3/4"H x 17"W x 12"D Shipping Weight - 46 lbs.  
Electrical - 120V, 60Hz, 500W

**Damage Inspection and Unpacking:** If there is damage to the shipping carton, please call the carrier. If, upon opening the carton, there is concealed damage, please call the manufacturer.

This unit contains the following:

Machine with canisters	Drip tray and grid
Flavor Labels	Manual
Set of four (4) 1" legs	Extension legs (optional)

**Electrical Connections:** This unit requires a standard 15 or 20 AMP 120V electrical outlet. Located on the back of the unit, is a Courtesy Receptacle. This is supplied for the purpose of connecting an additional powder dispenser. **DO NOT** attempt to use this for any other purpose, as this receptacle can only support up to a 3-amp load.

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### Adding Product:

- 1.) To remove the canisters from the machine, open the door.
  - 2.) Lift the front of the canister up and out of the machine. You will notice a small guide pin on the base of the canister. This will fit into the guide pin slot inside the machine when the canister is returned into its place.
  - 3.) Remove the canister lid and fill with product.
- Note: DO NOT overfill or pack the product into the canister. Doing so will cause damage to the unit.**

### Set-Up:

The Model PSPD-5 dispenses five products that can be set to deliver on either Auto Portion Control (press and release) or Manual (press and hold).

- 1.) Locate the swinging panels on the back of the machine.
- 2.) Swing the panels up so the switches are visible.
- 3.) You will see each switch board numbered 1 through 8.

a. #1 through #6 are the timer switches:

<b>Switch</b>	1	2	3	4	5	6
<b>Seconds</b>	¼	½	1	2	4	8

b. #7 is the Auto Portion Control switch.

c. #8 is the Manual Control switch.

**DO NOT set both #7 and #8 to the "on" position at the same time. Doing so will cause the unit to not function properly.**

**Note:** When switches are **up**, they are in the "on" position.

### **Auto Portion Control (press and release)**

- 1.) Select the canister that you would like to program.
- 2.) Find the switch board immediately behind it on the back of the machine.
- 3.) Set the #7 switch to the "on" position. (Be sure #8 is down.)
- 4.) Refer to the "Perfect Servings Machine Settings" sheet to find your product and cup size.
- 5.) Set all listed switches on the appropriate switch board to the "on" position.
- 6.) Press the button of the canister you just programmed to check the dispensing amount.

### **Manual Control (press and hold)**

- 1.) Select the canister that you would like to program.
- 2.) Find the switch board immediately behind it on the back of the machine.
- 3.) Set the #8 switch to the "on" position. (Be sure #7 is down.)

### **Cleaning the Unit:**

Use a soft cloth "dampened" in warm water to clean the cabinet. Before cleaning the canister, empty the product and take it apart. Wash the drip tray and all canister parts with mild dishwashing detergent and rinse thoroughly. Dry overnight.

**Note: Canisters must be completely dry before refilling with product.**

### **Troubleshooting:**

#### Unit does not dispense correct amount-

- Unit is not programmed. Refer to the "Setup" section of the manual.
- Incorrect cup size is being used.
- Nozzle is clogged. Remove nozzle, clean and dry completely.

#### Canister motor drive breaks-

- Product is being packed into canister or the canisters are being overfilled, causing stress to the motor drive assembly. Call your vendor or the manufacturer for replacement parts.

#### Canister drive assembly and auger spring turns hard-

- "O" ring in the canister drive assembly has buildup of product. Take apart the canister drive assembly by turning clockwise. Clean thoroughly and dry. Re-assemble, making sure the "O" ring is in place and assembly is fully tightened.
- Auger spring is scraping against the inside of the nozzle. Bend the end of the auger spring inward, away from the inside of the nozzle.

#### Unit stops working completely-

- Unit is not plugged into the outlet.
- Possible power surge occurred. Change the fuse by removing the back panel. Replace with a 3-amp fuse.

All units have a 1 year limited warranty.  
For replacement parts, call your vendor or the manufacturer.

# PERFECT SERVINGS® Machine Settings \*

<b>Hot Drinks</b>	<b>8oz Serving</b>	<b>Settings</b>	<b>10oz Serving</b>	<b>Settings</b>	<b>12oz Serving</b>	<b>Settings</b>	<b>16oz Serving</b>	<b>Settings</b>
Hot Chocolate	28 grams	2,3,5,7	35 grams	1,3,4,5,7	42 grams	1,3,6,7	56 grams	1,5,6,7
French Vanilla Cappuccino	28 grams	2,3,5,7	35 grams	3,4,5,7	42 grams	1,6,7	56 grams	3,4,6,7
Columbian French Vanilla Cappuccino	28 grams	1,2,3,5,7	35 grams	1,3,4,5,7	42 grams	1,2,6,7	56 grams	5,6,7
Freeze Dried Coffee	1 gram	2,7	1.25 grams	2,7	1.5 grams	1,2,7	2 grams	3,7
<b>Steamers</b>	<b>8oz Serving</b>	<b>Settings</b>	<b>10oz Serving</b>	<b>Settings</b>	<b>12oz Serving</b>	<b>Settings</b>		
Vanilla	28 grams	1,2,5,7	35 grams	1,4,5,7	42 grams	1,3,4,5,7		
Caramel	28 grams	1,2,5,7	35 grams	1,4,5,7	42 grams	1,3,4,5,7		
<b>Soups</b>	<b>8oz Serving</b>	<b>Settings</b>	<b>10oz Serving</b>	<b>Settings</b>	<b>12oz Serving</b>	<b>Settings</b>	<b>16oz Serving</b>	<b>Settings</b>
Cream of Potato	21 grams	2,5,7	28 grams	4,5,7	32 grams	2,4,5,7	42 grams	1,6,7
Cream of Mushroom	21 grams	1,3,5,7	28 grams	4,5,7	32 grams	1,3,4,5,7	42 grams	1,3,6,7
Cream of Broccoli	21 grams	2,5,7	28 grams	1,4,5,7	32 grams	3,4,5,7	42 grams	1,3,6,7
Tomato	21 grams	1,2,4,7	28 grams	1,5,7	32 grams	2,5,7	42 grams	4,5,7
Cream of Chicken	21 grams	5,7	28 grams	1,3,5,7	32 grams	2,3,5,7	42 grams	1,3,4,5,7
<b>Cold Drinks</b>	<b>8oz Serving</b>	<b>Settings</b>	<b>10oz Serving</b>	<b>Settings</b>	<b>12oz Serving</b>	<b>Settings</b>	<b>16oz Serving</b>	<b>Settings</b>
Lemonade	21 grams	2,4,7	28 grams	1,3,4,7	32 grams	5,7	42 grams	1,3,5,7
Tea	21 grams	2,4,7	28 grams	1,3,4,7	32 grams	5,7	42 grams	1,3,5,7
Peach Tea	21 grams	2,4,7	28 grams	1,3,4,7	32 grams	5,7	42 grams	1,3,5,7
Grape Drink	21 grams	2,4,7	28 grams	1,3,4,7	32 grams	5,7	42 grams	1,3,5,7
Fruit Punch	21 grams	2,4,7	28 grams	1,3,4,7	32 grams	5,7	42 grams	1,3,5,7
Lemon Replenish	21 grams	2,4,7	28 grams	1,3,4,7	32 grams	5,7	42 grams	1,3,5,7
Orange Replenish	21 grams	2,4,7	28 grams	1,3,4,7	32 grams	5,7	42 grams	1,3,5,7
Orange Quench	21 grams	2,4,7	28 grams	1,3,4,7	32 grams	5,7	42 grams	2,3,5,7
<b>Cereal</b>	<b>Serving Size</b>	<b>Settings</b>	<b>Sweeteners</b>	<b>Serving Size</b>	<b>Settings</b>			
Oatmeal	50 grams	2,5,6,7	Sugar	3 grams	2,7 or 3,7			
Apple Cinnamon	60 grams	2,3,4,6,7	Blue	1 gram	1,7			
Banana Oatmeal	60 grams	2,3,4,6,7	Pink	1 gram	1,7			
Cream of Wheat	60 grams	3,6,7						
Grits	50 grams	4,6,7						
<b>Creamers</b>	<b>Serving Size</b>	<b>Settings</b>	<b>Serving Size</b>	<b>Settings</b>				
French Vanilla	4.5 grams	1,2,7	8.5 grams	1,3,7				
Irish Cream	4.5 grams	1,2,7	8.5 grams	3,7				
Amaretto	4.5 grams	1,2,7	8.5 grams	2,3,7				
Hazelnut	4.5 grams	1,2,7	8.5 grams	1,3,7				
Mocha	4.5 grams	1,2,7	8.5 grams	2,3,7				
Regular Cream	4.5 grams	3,7	4.5 grams	3,7				

\* Settings are for our non-touch panel machines.

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Shrd/Sls/BA/SpcsM-P