

PERFECT SERVINGS™ POWDER DISPENSER

Model# TP-PSPD-3

Serial# _____

Installation and Operating Instructions

Manufactured by: United Food Group, Inc.
P.O. Box 617
West Dundee, IL 60118
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Specifications: 16 3/8"H x 12"W x 12"D Shipping Weight – 18 lbs.
Electrical – 120V, 60Hz, 100W

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	"V" cup
Flavor Labels	Manual
Set of four (4) extension legs (optional)	

Electrical Connections: This unit requires a standard 15 or 20 AMP 120V electrical outlet.

After removing the unit from the box, take off the blue protective covering from both sides of the plastic, covering the front graphics. Attach the extension legs (optional).

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 TP-PSPD-3 dispenses three products that can be set to deliver on either Auto Portion Control (press and release) or Manual (press and hold).

Auto Portion Control (press and release)

- 1.) Locate the silver touch panel found on the front of the door.
- 2.) Run your right thumb, slightly hard, across the panel between the second and third button. Locate, by feel, the "hidden button" that is slightly indented.
- 3.) Press the "hidden button", *and* the first button on the machine, *at the same time*. You will hear a beeping noise signifying the machine is in PROGRAM mode. (The machine will automatically end the PROGRAM mode in 10 seconds.)
- 4.) While the machine is beeping, select and press the button of the canister you would like to program and hold it in for as long as you would like the product to dispense.
- 5.) Repeat until all canisters are programmed.

The **"V" cup** is included with your unit to accurately dispense measured amounts of product. To use this:

- 1.) Locate the product you will be dispensing and the cup size you will be using on the Machine Settings sheet.
- 2.) Find the amount of product you will need to dispense, and find that number on the "V" cup.
- 3.) During the PROGRAM mode, hold the "V" cup under the canister you are programming and dispense product to the desired number on the "V" cup.

Manual Control (press and hold)

- 1.) Locate the silver touch panel found on the front of the door.
- 2.) Run your right thumb, slightly hard, across the panel between the second and third button. Locate, by feel, the "hidden button" that is slightly indented.
- 3.) Press the "hidden button", *and* the middle button on the machine, *at the same time*. You will hear a beeping noise signifying the machine is in PROGRAM mode. (The machine will automatically end the PROGRAM mode in 10 seconds.)
- 4.) While the machine is beeping, select and press the button of the canister you would like to program.
- 5.) Repeat until all canisters are programmed.

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. (Refer to instructions in manual)

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

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Instructions for changing fuse in powder dispenser:

- 1) Unplug machine from electric source.
- 2) Remove the canisters from dispensing machine.
- 3) Remove six (6) screws from inside.
- 4) Remove three (3) screws from back of machine.
- 5) Turn machine on it's side and separate the front from the back.
Locate the fuse at the bottom of the motor assembly.
- 6) Remove old fuse and replace with new 2 amp fuse.
- 7) Reassemble machine in reverse order and insert canisters.

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V Cup Levels and Grams Per Serving

Servings Size

Product	8oz Cup	10oz Cup	12oz Cup	16oz Cup	20oz Cup
<u>Hot Beverages</u>					
Cappuccino	41 = 28grams	47 = 35grams	49 = 42grams	55 = 56grams	58 = 70grams
Hot Chocolate	45 = 28grams	48 = 35grams	49 = 42grams	55 = 56grams	58 = 70grams
No Sugar Add Hot Chocolate	43 = 20grams	46 = 25grams	50 = 30grams	56 = 40grams	60 = 50grams
Freeze Dried Coffee	17 = 1grams	18 = 1.25grams	20 = 1.5grams	22 = 2grams	25 = 2.5grams
Chai Tea	35 = 28grams	38 = 35grams	42 = 42grams	46 = 56grams	50 = 70grams
Premium Chai Tea	35 = 28grams	38 = 35grams	42 = 42grams	46 = 56grams	50 = 70grams
Apple Cider	32 = 21grams	35 = 28grams	37 = 32grams	41 = 42grams	45 = 56grams
<u>Steamers</u>					
Vanilla	40 = 28grams	43 = 35grams	46 = 42grams	-	-
Caramel	40 = 28grams	43 = 35grams	46 = 42grams	-	-
<u>Instant Soups</u>					
Cream of Chicken	38 = 21grams	43 = 28grams	45 = 32grams	49 = 42grams	55 = 56grams
Cream of Broccoli	40 = 21grams	45 = 28grams	49 = 32grams	52 = 42grams	59 = 56grams
Tomato	34 = 21grams	37 = 28grams	39 = 32grams	43 = 42grams	49 = 56grams
Baked Potato	41 = 21grams	42 = 28grams	44 = 32grams	50 = 42grams	55 = 56grams
Cream of Mushroom	39 = 21grams	45 = 28grams	47 = 32grams	51 = 42grams	57 = 56grams
<u>Instant Oatmeal</u>					
Plain Oatmeal	58 = 56grams	64 = 70grams	67 = 84grams	-	-
Apple Cinnamon	56 = 56grams	59 = 70grams	64 = 84grams	-	-
Banana Oatmeal	53 = 56grams	58 = 70grams	62 = 84grams	-	-
Cream Of Wheat	50 = 56grams	54 = 70grams	57 = 84grams	-	-
<u>Cool Café Cold Beverages</u>					
Orange Quench	33 = 21grams	37 = 28grams	38 = 32grams	41 = 42grams	45 = 56grams
Lemonade	30 = 21grams	35 = 28grams	37 = 32grams	40 = 42grams	45 = 56grams
Horchata	39 = 35grams	41 = 43grams	43 = 52grams	50 = 70grams	54 = 87grams
Orange Replenish	30 = 21grams	35 = 28grams	37 = 32grams	40 = 42grams	45 = 56grams
Lemon Replenish	30 = 21grams	35 = 28grams	37 = 32grams	40 = 42grams	45 = 56grams
Fruit Punch	32 = 21grams	35 = 28grams	37 = 32grams	41 = 42grams	45 = 56grams
Grape Drink	32 = 21grams	35 = 28grams	37 = 32grams	40 = 42grams	45 = 56grams
Peach Tea	32 = 21grams	36 = 28grams	37 = 32grams	41 = 42grams	46 = 56grams
Pink Lemonade	38 = 28grams	41 = 35grams	44 = 42grams	49 = 56grams	53 = 70grams
Sweetened Tea w/Lemon	31 = 21grams	36 = 28grams	38 = 32grams	41 = 42grams	46 = 56grams
Sugar Free Lemonade	Coming Soon	-	-	-	-
Sugar Free Fruit Punch	Coming Soon	-	-	-	-
<u>Creamers</u>					
Regular Creamer	16 = 2grams	19 = 3grams	21 = 4grams	22 = 5grams	23 = 6grams
Flavored Creamer	14 = 2grams	21 = 4.5grams	26 = 8.5grams	-	-
<u>Sweetners</u>					
Sugar	12 = 2grams	14 = 2.5grams	15 = 3grams	17 = 4grams	19 = 5grams
Sugar Substitute	10 = 1grams	10 = 1grams	12 = 1.5grams	13 = 1.75grams	14 = 2grams