



Item # _____

Project _____

Date _____

Twin Space Saver Urn Dual Wall Insulated Heat Exchanger

Models 8103, 8106, 81010
Electric



Features:

- **Fresh Water Brewing**
Water used for brewing is fresh water that is heated in a coiled, nickel-plated, copper heat exchange tube inside the urn. As water passes through the heat exchanger coil it is heated to optimum brew temperature.
- **Electropolished Liners**
Smooth surface on coffee liners for easy cleaning
- **Dual wall urn body with fiberglass insulation**
Energy Savings minimizes heat loss, saves air-conditioning costs.
- **Compact design**
Less than 35" (89 cm) of counter space required.
- **Durable Construction**
All A.I.S.I. type 304, 18-8 stainless steel
- **Constant Brew Temperature**
Brew temperature varies less than 5°F (3°C) throughout spray over
- **Automatic Coffee Agitation**
Thoroughly mixes brewed coffee immediately after spray over is completed
- **Automatic refill of water compartment**
Water compartment automatically refills and reheats as needed.

- **Low water cutoff System**
Protects heating elements from burn out, at start-up or in operation.
- **Velvet Smooth Spray Arm**
Teflon® coating on spray arm piston prevents liming and insures smooth operation. Positive "stops" on spray arm for operator ease.

Easy to operate:

- **Fully Automatic – Push Button Operation**
Simply load brew basket with coffee, align spray arm over basket lid hole and press brew start button.
- **Easy Adjustment of spray over rate**
Simple screwdriver adjustment. No awkward changing of parts.
- **Adjustable Bypass valve on spray arm**
Enables proper coffee extraction even with variable water conditions
- **Dial Thermometer with color-marked brew zone.**
- **Thermostat adjustable from front**
Knob on thermostat has four marked positions: Brew, Hold, Night Standby and Off.

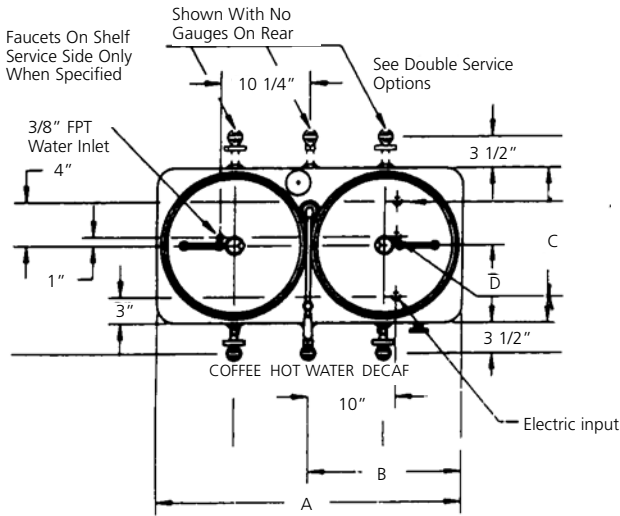
Serviceable:

- **Drain valve in bottom**
- **Control drawer with all electrical components is accessible from the front**

Twin Space Saver Urn

Twin Automatic Coffee Urns

Heat Exchanger



Model No.	8103	8106	81010
Coffee Capacity (each liner)	3 gal.	6 gal.	10 gal.
Actual Brew Time Per Liner	6 minutes	9 minutes	14 minutes
Brews Per Hour	9	6	4
Gallons Per Hour	27	36	42
Number of 5 oz. Cups Per Hour	675	900	1050

Model Number	A	B	C	Work Height	Overall Height
8103	31-1/2"	7-3/4"	16-1/4"	22"	27-1/2"
8106	35"	8-5/8"	17-3/4"	28"	33-1/2"
81010	35"	8-5/8"	17-3/4"	30"	37"

Brew Basket Selection Chart						
Brews	3 Gal.	6 Gal.	10 Gal.	1/2 Batch on 3 Gal.	1/2 Batch on 6 Gal.	1/2 Batch on 10 Gal.
Part No.	BB3	BB6	BB810	BB3-1.5	BB6-3	BB810-6

NOTE: All SS Permanent Filter Brew Basket with SS woven wire cloth bottom is available. Filter paper is available from our stock. See price list.

Multiple Faucet Options

Opt. DS-1 2C, 1W Back/Rear, No Gauges
 Opt. DS-2 1C, 1W Back/Rear, with Gauges
 Opt. DS-3L 2C, 1W Back/Rear, No Gauges, w/ selecta-flow

Fast Fill Options

Opt. 56 Jug Fill Funnel and Chain
 Opt. 57 Gravity Jug Fill Hose Assembly
 Opt. 70S1 High Speed Jug Fill Hose Assembly (on 6 and 10 gal. only)

Design Specification (Fill in the blanks)

Coffee urn, fully automatic twin _____ gallons in coffee liner. Fresh water brewing using heat exchange system. Electric. All controls to be located in recessed base of urn and to operate on 120V. All AISI 304, 18-8 stainless steel construction. To include: positive low water cutoff system, automatic refill, automatic air agitation with top coffee gage fittings, bypass on spray arm, variable sprayover rate, electropolished liners and one all stainless steel brew basket for paper filters. Two year parts, one year labor warranty included. U.L. listed, NSF approved.

Model No.	8103		8106		81010	
Heater Size - KW	12 KW	11.5 KW	15 KW	15 KW	15 KW	15 KW
Heater Voltage	240V	208V	240V	208V	240V	208V
Amperes Drawn - 1Ph	50	54	63	72	63	72
Amperes Drawn - 3Ph	29	31	36	42	36	42

For 480-3Ph Supply - divide amperes for 240V-3Ph by 2.

Electric Services Available

Note: A ground wire must be provided in addition to the wire service shown.

Neutral Wire Required

120/208V - Single Phase - 3 Wire
 120/208V - Three Phase - 4 Wire
 120/240V - Single Phase - 3 Wire

We Supply Control Transformer For:

208V - Single Phase - 2 Wire
 208V - Three Phase - 3 Wire
 240V - Single Phase - 2 Wire
 240V - Three Phase - 3 Wire
 480V - Three Phase - 3 Wire - Extra Cost

All services include terminal block connection.



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