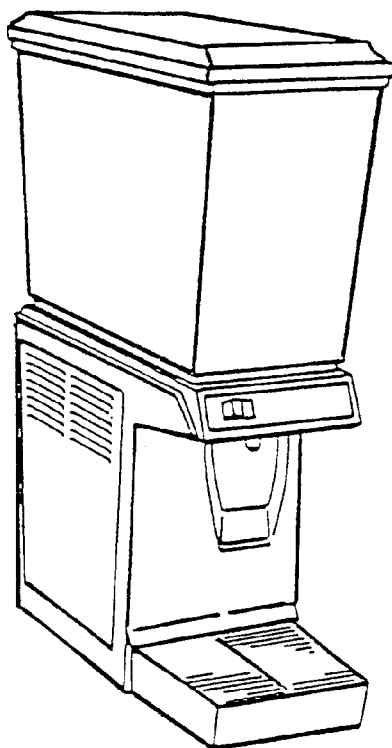


# **JETSPRAY**

## **OWNER'S MANUAL FOR Visual Display Dispenser**

### **JS7**



### **MODEL**

JS7  
JS7-W25  
JS7-W26

*Refrigerant R134a*

Manufactured by IMI Cornelius/JetSpray  
2401 N. Palmer Drive, Schaumburg, IL 60196  
US & Canada ph: 1-888-248-5568 Outside the US ph: 1-630-539-5050  
US & Canada Fax: 1-800-344-3801 Outside the US Fax: 1-630-539-6960

September 1995  
Printed in the U.S.A.

Document No. 18478  
Revision No. 03

*Your Standard of Excellence for Beverage Merchandising on Six Continents*



# General Description

The JS7 dispenser is a countertop visual display action beverage dispenser. It is designed to dispense a variety of products.

- Warning:**
1. This appliance must be earthed.
  2. This appliance is not suitable for use by unsupervised children.

## Location

Place the dispenser on a solid, level surface with no part of the unit extending beyond the edge of that surface.

## Power and Water

The JS7 requires a 120 Volt, 60 Hz grounded receptacle for the unit's power cord.

The JS7-W25 requires a 230V, 50 Hz earthed receptacle for the units power cord.

The JS7-W26 requires a 208V/230V, 60 Hz earthed receptacle for the units power cord plug.

*Note: If the colors of the wires in the main leads of this appliance do not correspond with the colored markings identifying the terminals in your plug, proceed as follows.*

-The green and yellow wire must be connected to the terminal in the plug marked with any of the following:

- the letter E
- colored green
- the earth symbol
- colored both green and yellow

- The blue wire must be connected to the terminal in the plug marked with the letter N or colored blue.
- The brown wire must be connected to the terminal in the plug marked with the letter L or colored orange.

## Notes:

Attention is drawn to the requirements of National Regulations about connecting to and using Potable water supplies. Jet Spray dispensers conform to the requirements of the Model Water Bylaws of 1986 SI 1147. All surfaces which come into contact with food or drinking water are constructed of food quality non-toxic materials, are non-corrosive, non-tainting and do not support the growth of bacteria.

*Jet Spray Corporation reserves the right to make changes in design and/or engineering without notice.*

## Power Cord

If the power cord becomes damaged, do not attempt to repair it. Take the unit to your nearest authorized dealer as a special tool is required.

<u>Area</u>	<u>JS P/N</u>
UK	A5291
USA	S1249
INTERNATIONAL	A1632

## Operating Adjustments

*Warning: Dangerous voltages are still present within the unit even if the power switch is turned off. Before attempting any adjustments inside the unit, turn the unit off and unplug it from the electrical receptacle.*

# Specifications

## JS7 Series

### A. Electrical

Model	P/N	Electrical Supply	RLA	Running Power	LRA
JS7	A8701	120VAC, 60 Hz	3.3 AMPS	395 Watts	18 AMPS
JS7-W25	A8711	230VAC, 50 Hz	1.5 AMPS	345 Watts	9 AMPS
JS7-W26	A8731	220VAC, 60 Hz	1.8 AMPS	396 Watts	9 AMPS

RLA - Running Load Amperage

LRA - Locked Rotor Amperage (*compressor starting amperage*)

### B. Class of Windings

Compressor Motor - Class H (*climatic rating; normal*)

Condenser Fan Motor - Class B

### C. Environment

Temperature

Operating: 60°F (16°C) to 110°F (43°C)

Storage: Above - 20°F (-7°C) with bowl empty and dry.

Humidity - Below 95%

### D. Refrigeration (*R134a refrigerant*)

<u>Model</u>	<u>Charge Quantity</u>
JS7	99 grams (3.5 oz)
JS7-W25	86 grams (3.1 oz)
JS7-W26	99 grams (3.5 oz)

## Installation and Operating Instructions

### Setting up your JS7

1. Allow free space on at least one side and rear of about 3 inches from any wall or obstruction.

### Cleaning the Dispenser

1. Removing the Push Handle (See Fig. 1).
  - a. Push handle back until it stops.
  - b. Grasp clips on handle. Squeeze clips until they are free from panel. Pull straight down on handle (see Fig. 1).

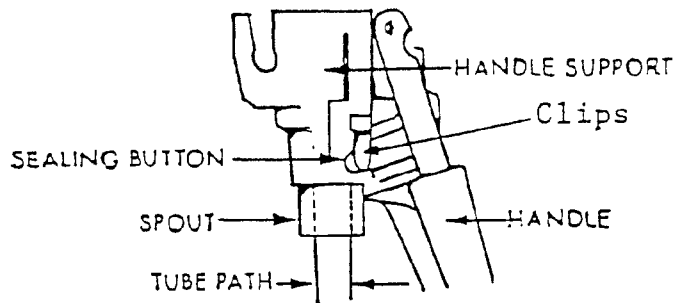


Figure 1

2. Disassemble the bowl, lid, gasket, and pump housing assembly.

**Note:** To remove pump housing, push back, on top of housing just below spray tube, and lift up and out of bowl. Clean in warm water and mild nonabrasive detergent and rinse thoroughly.

**WARNING:** Abrasive cleaners will scratch plastic parts.

#### To Assemble

1. Slide the drip tray with grille into place.
2. Consider installation of a drain hose which connects to outlet on drip tray bottom (Part No. S-3379).
3. Turn bowl upside down and insert gasket into groove. Wet gasket for ease of insertion, pressing gasket into groove while following numbers in sketch opposite.
4. Install bowl spout gasket (See Fig. 2).

Press while following numbers until gasket is completely seated

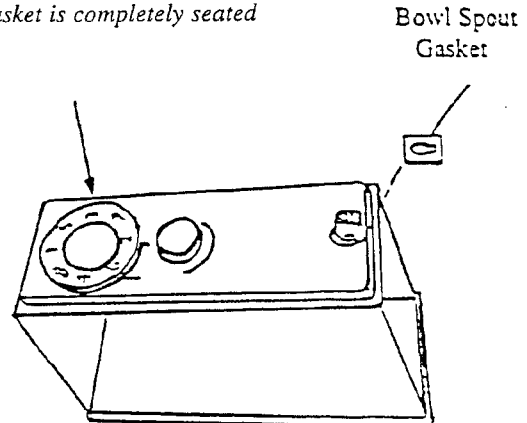


Figure 2

5. Lock pump housing in bowl by pushing housing straight into bowl location until it snaps into position. Press down on top of the impella section to assure it is down all the way into well section (See Fig. 3).

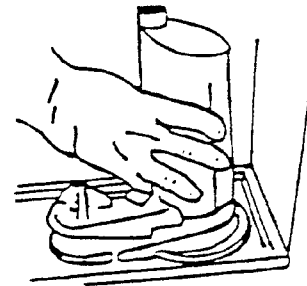


Figure 3

**Note:** If a bowl circulator kit is used in place of the pump housing assembly, see page 5A for assembly.

6. Lock spray tube in by pushing down in opening, then rotate clockwise. Correctly installed tube will face front of bowl (See Fig. 4).

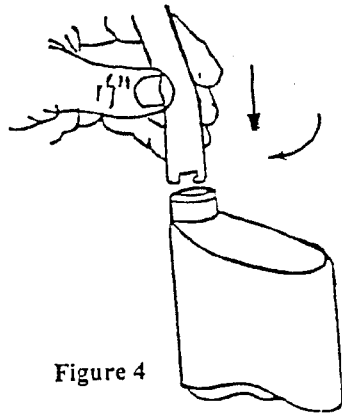


Figure 4

7. Slide bowl over the cooling tubes and assembly the bowl to the dispenser. Be careful not to wrinkle gasket as it will result in beverage leaking out of bowl (refer to Fig. 5).

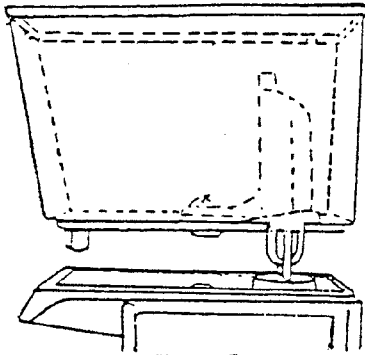


Figure 5

8. Push down on pump housing to make sure it is in position.
9. Replacing push handle and pinch tube.
  - a. Push handle assembly straight up through rectangular hole until clips snap into place (see Fig. 6).

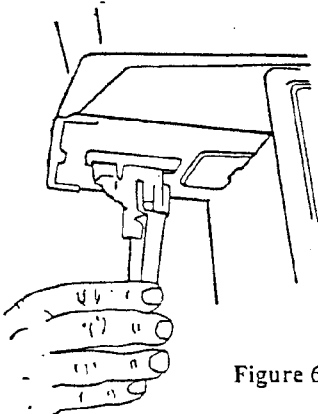


Figure 6

- b. Remove pinch tube from plastic bag and wash.
- c. Before installing, wet bowl spout surface and pinch tube. Push back handle until it stops.
- d. Carefully insert pinch tube into bowl spout opening and on into lower opening of handle support spout. make sure end of tube does not get caught on edge above handle support spout opening, pull end of tube for final setting into bowl spout seat. make sure tube is free of wrinkles and extends below support spout about 1/4 inch (see Fig. 7).

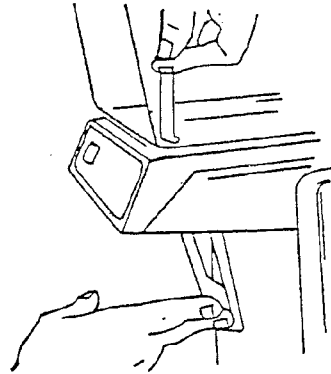


Figure 7

#### Operating Procedures

1. Follow beverage manufacturer's directions in filling bowl. To aid in filling, the bowl has gallon and liter markers up the center of the front wall -- gallons on left, liters on right.
2. Turn on the refrigeration and spray switch. Product should be cold enough to serve in 2 hours. Switch should be left "on" 24 hours a day to insure efficient operation.
3. The thermostat is preset at the factory and will not normally require resetting by owner.

## Frequent Maintenance Procedures

### Cleaning the Bowl

1. Before removing the bowl, turn off the switch.
2. Remove pinch tube by pushing handle until it stops. Pull up on pinch tube until it is free, then remove handle (see Page 2). Lift off bowl, drip tray, and cover, and clean.
3. Clean as described in Paragraph B "Cleaning the Dispenser".
4. After cleaning, assemble as described in Paragraph C. Replace push handle, and insert pinch tube into bowl.

### Sanitizing Unit

1. After cleaning, add one gallon of water between 75°F and 100°F to bowl. Mix one table spoon of approved powdered chlorine sanitizer\* in a pint of water and when dissolved, pour into bowl. Replace lid and run unit two or three minutes. Then shut off unit and drain contents through valve.

### Cleaning Condensate Drain

1. To remove condensation drain (see Fig. 8); push in on front panel just under drain and pull down with fingers.

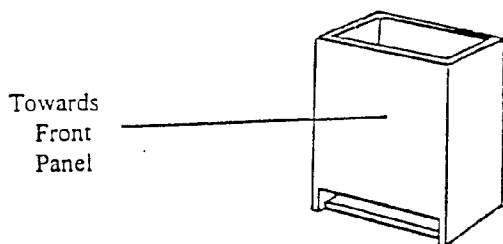


Figure 8

2. To replace condensate drain; hold drain against front panel under rectangular hold (opening in side of drain should be toward front panel). Push up through hole until drain snaps into place (see Fig. 9)

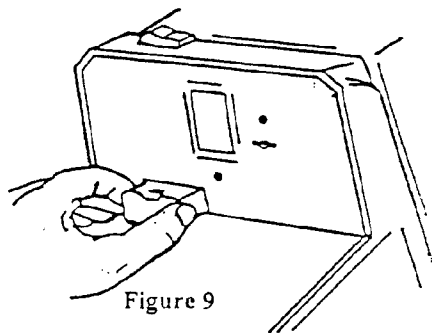


Figure 9

### Ventilation

1. Air flow is essential. Allow at least 3 inches of space on back and sides of dispenser. Lint or dust collecting on the condenser will result in poor refrigeration.

### Cleaning the Filter and Condenser

1. Turn off switch.
2. Remove back panel screws, then back panel, by pulling out on bottom of it.
3. Clean condenser with vacuum cleaner or brush making sure not loose dirt goes into the dispenser.
4. Clean filter by running a stream of hot water through it. Filter need not be removed from grill to do this. Allow to dry before replacing.
5. Replace back panel, putting top edge up under condensate tray and push in on bottom. Re-install back panel screws.

### Correcting Dispenser Difficulties

#### No Spray

1. Be sure switch is "on".
2. If the unit does not spray, remove pump housing and check the impella. The impella must spin freely. Sugar and solids can crystallize, causing impella to bind. Frequent washing will eliminate this. When dispenser is not in use, clean thoroughly.
3. Remove the impella pin at the bottom of the impella. Separate parts and clean. Reassemble. If the impella blades rub on the pump cover, replace with new assembly.

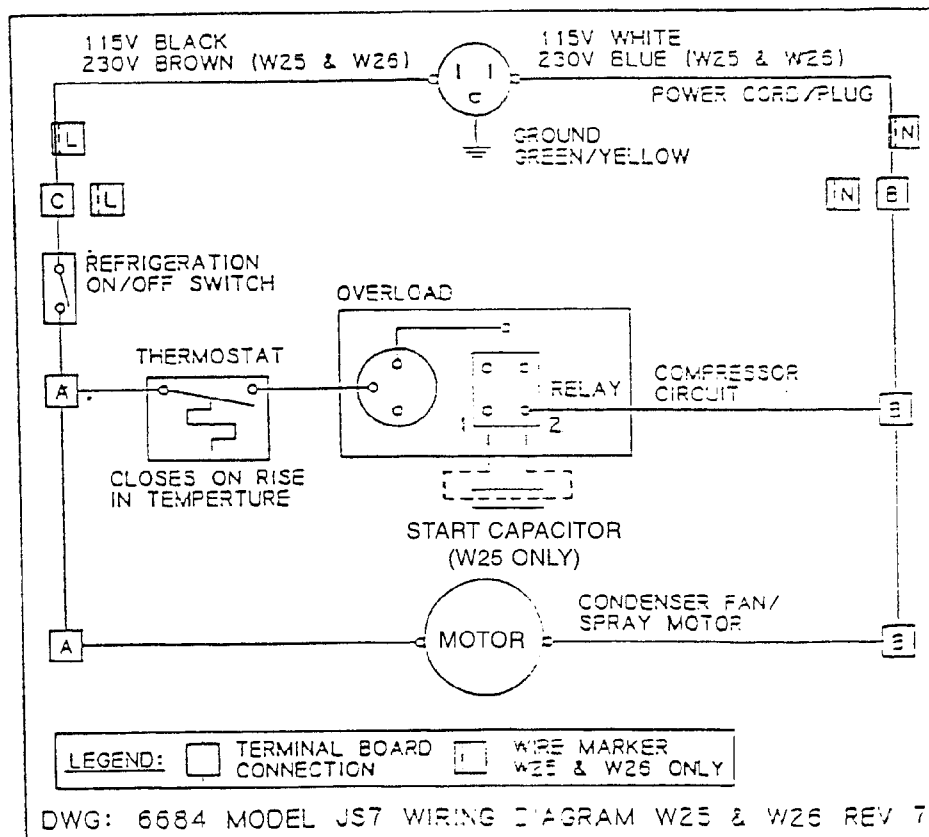
Note: Switch must be "off" when inserting the pump housing assembly into the bowl to assure magnetic coupling.

4. The impella is seldom defective. If the impella magnet has been dropped, examine for damage. If damaged or binding, replace the impella pin and/or the impella magnet.
5. Long pieces of pulp may partially plug the pump housing and bind the impella blades. Juices with excessive pulp must be strained in order to spray. However, if it is desired to retain pulp, then use Jet Spray Circulator Kit No., A1620 in place of the pump housing assembly. Wash sediment from the pump well.
6. Pump housing assembly should be locked into place properly (see paragraph C item 3)

## BOWL LEAKS

1. Do not confuse drippings from condensation on the outside of the bowl as bowl or facet leaks. High humidity causes more condensation.
  - a. Be sure the gasket has been put on properly. Check gasket for tears or cuts in rubber as they cause leaks.
  - b. Remove and examine pinch tube for holes.
  - c. Be sure there is no foreign material around domes where gaskets seat.
  - d. Check pinch tubes for holes or tears above pinch off area.
  - e. Be sure condensate washers are around bowl spouts. Condensation will run down

## JS7 WIRING DIAGRAM

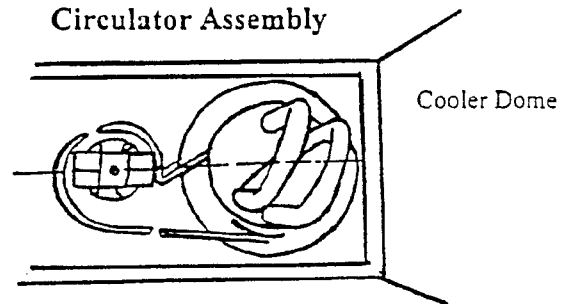




## INSTALLATION OF BOWL CIRCULATOR KITS

### Part #S6737

1. Remove present pump and spray tube from the bowl (*if equipped*).
2. Place circulator assembly in pump well located in bowl as shown. Locate circulator bracket perpendicular to cooling coil/dome (*see Fig. 10*).



Models JS7

Figure 10

### Part #A1620

1. Remove present pump and spray tube from the bowl (*if equipped*).
2. Place circulator assembly into pump well, with small plate down (*see Fig. 11*).

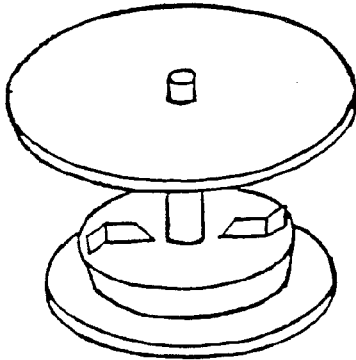


Figure 11

## JS7 Specifications

Power Cord:	7' with ground connection
Size:	7 <sup>3</sup> / <sub>4</sub> " wide X 19" long X 26 <sup>5</sup> / <sub>8</sub> " high (19.7 cm wide X 48.3 cm long X 67.7 cm high)
Beverage Bowl & Cover:	Transparent, virtually unbreakable LEXAN resin
Cabinet:	Stainless steel and beige LEXAN resin
Capacity:	Over 5 US gallons; 20 liters
Refrigeration:	Jet Spray 1/6 h.p. hermetically sealed system
Refrigerant:	Freon 134a non-toxic, odorless
Spray Drive & Fan Motor:	No oiling required
Power Drive Magnet:	Permanent INDOX magnet
Net Weight:	42.5 lbs (193 kgs)
Shipping Weight:	51 lbs (23.3. kgs)
Carton Cube:	3.5 cu. ft. (0.10 cu.m.)

*We reserve the right to make changes in design and/or engineering without notice.  
Should the unit require service, take to nearest Jet authorized service center where parts  
and service may be obtained (U.S.A. only).*

\*UL listing applies for U.S.A.

\*\*C-UL listing applies for Canadian models only.



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