

# OS 3 SATELLITE SYSTEM



## Features

## Specifications

### TRANSPORT CONTAINERS - MultiSurface Concentrate

Large Transport Container concentrate capacity	2.5 gal	9.5 L
Large Transport Container RTU (Ready-to-Use) dispensing capacity	25.0 gal	95.0 L
Large Transport Container concentrate weight (filled)	24.0 lb	10.9 kg
Small Transport Container concentrate capacity	1.25 gal	4.7 L
Small Transport Container RTU (Ready-to-Use) dispensing capacity	12.5 gal	47.0 L
Small Transport Container concentrate weight (filled)	13.0 lb	5.9 kg
MultiSurface Concentrate pH	12.2 - 12.49	
Shelf life of MultiSurface Concentrate	90 days	

### TRANSPORT CONTAINERS - MultiMicro™ Concentrate

Large Transport Container concentrate capacity	2.5 gal	9.5 L
Large Transport Container RTU (Ready-to-Use) dispensing capacity	19.0 gal	71.0 L
Large Transport Container concentrate weight (filled)	24.0 lb	10.9 kg
Small Transport Container concentrate capacity	1.25 gal	4.7 L
Small Transport Container RTU (Ready-to-Use) dispensing capacity	9.4 gal	35.0 L
Small Transport Container concentrate weight (filled)	13.0 lb	5.9 kg
MultiMicro Concentrate pH	5 - 6	
Shelf life of MultiMicro Concentrate	30 days	

### DISPENSING SYSTEM - MultiSurface Cleaner

Dispenser dilution ratio	10:1	
Bottle Fill dispenser flow rate	1.5 gpm	5.7 lpm
Bucket Fill flow rate	3.5 gpm	13.2 lpm
MultiSurface Cleaner pH (RTU)	10 - 11.5	
Shelf life of MultiSurface Cleaner (RTU)	90 days in a closed container	

### DISPENSING SYSTEM - MultiMicro 200\*†

Dispenser dilution ratio	7.5:1	
Bottle Fill dispenser flow rate	1.5 gpm	5.7 lpm
Bucket Fill flow rate	2.2 gpm	8.3 lpm
MultiMicro 200 pH (RTU)	6 - 8	
Shelf life of MultiMicro 200 (RTU)	7 days in a closed container	

## FACILITY REQUIREMENTS - Satellite Dispenser Only - WITHOUT Water Softener

### INPUT WATER SOURCE

Water Flow (min)	3.5 gpm	13.2 lpm
Water Flow (max)		n/a
Water pressure (min)	35.0 psi	2.4 bar
Water pressure (max)	85.0 psi	5.9 bar
<b>POWER</b>		none
<b>DRAIN/DISCHARGE</b>		none

## FACILITY REQUIREMENTS - Satellite Dispenser - WITH Water Softener

### INPUT WATER SOURCE

Water Flow (min)	3.5 gpm	13.2 lpm
Water Flow (max)		n/a
Water pressure (min)	35.0 psi	2.4 bar
Water pressure (max)	85.0 psi	5.9 bar
<b>POWER</b>		none

### DRAIN/DISCHARGE

Frequency of discharge	ONLY discharged as part of water softener regeneration. One regeneration occurs for every 75 gal/284 L of RTU solutions generated.	
Total discharge volume	5 gal	19 L
pH of discharge	Same pH as incoming water supply	
Discharge composition	Low concentration of hard mineral such as calcium and magnesium removed from incoming water by water softener.	

## SATELLITE WATER SOFTENER

### CONSUMABLE

Salt Type	Standard water softener salt pellets (solar or evaporated) - Not rock salt or crystals	
Salt usage, approximate	20 lb/3,000 gal of Ready-to-Use (RTU) Solution	9.1 kg /11,350 L of Ready-to-Use (RTU) Solution
Salt resevoir capacity	20 lb	9.1 kg

### DIMENSIONS/TEMPERATURE

Depth/Width/Height	18 in (D)/8.0 in (W)/19.0 in (H)	457 mm (D)/210 mm (W) 485 mm (H)
Operating ambient temperature	50 - 110 deg F	10 - 43 deg C

<sup>1</sup>Canadian Customers: Orbio os3 units installed in Canada will be set up to dispense only MultiSurface Cleaner, as the MultiMicro solution is currently going through the Canadian regulatory process for antimicrobial products. On approval, units may be converted to dispense both solutions.

\*MultiMicro 200 refers to MultiMicro Concentrate that has been diluted by the Orbio® os3 dispenser to the ready-to-use form containing 200 ppm free available chlorine.

