

OS|3 ON-SITE GENERATOR



Features Specifications

DISPENSING SYSTEM - MultiSurface Cleaner

Dilution ratio	10:1
RTU (Ready-to-Use) capacity (with full concentrate tank)	190 L
Bottle Fill flow rate	5.7 lpm
Bucket Fill flow rate	13.2 lpm
MultiSurface Cleaner pH (RTU)	10 - 11.5
Shelf life of MultiSurface Cleaner (RTU)	30 days in a closed container

DISPENSING SYSTEM - MultiMicro™ 200*

Dilution ratio	7.5:1
RTU (Ready-to-Use) capacity (with full concentrate tank)	97.5 L
Bottle Fill flow rate	5.7 lpm
Bucket Fill flow rate	8.3 lpm
MultiMicro 200 pH (RTU)	6 - 8
Shelf life of MultiMicro 200 (RTU)	7 days in a closed container

GENERATION SYSTEM - MultiSurface Concentrate

Generator tank capacity	19 L
Generation rate	3.8 lph
MultiSurface Concentrate pH	12.2 - 12.49
Shelf life of MultiSurface Concentrate	90 days

GENERATION SYSTEM - MultiMicro Concentrate

Generator tank capacity	13 L
Generation rate	5.3 lph
MultiMicro Concentrate pH	5 - 6
Shelf life of MultiMicro Concentrate	30 days

DISPLAY PANEL INDICATORS

Operating Indicators	Tanks full & ready to dispense Wait to Dispense
	Filling, OK to dispense RTU volume generated
Wear Component Indicators	pH probe e-cell Manifold module
Maintenance Indicators	Turn off hot water Add salt Call for Service

CONSUMABLE

Salt Type	Standard water softener salt pellets (solar or evaporated) - Not rock salt or crystals
Salt usage, approximate	18 kg /17,000 L of MultiSurface Cleaner (RTU)
Salt reservoir capacity	68 kg

WEAR COMPONENTS

pH Probe life	1 year
e-cell life	136,000 L of MultiSurface Cleaner (RTU)
Manifold Module life	454,000 L of MultiSurface Cleaner (RTU)

DIMENSIONS/WEIGHT - os3 Generator

Depth	356 mm
Width (with dispenser attached)	610 mm
Width (without dispenser attached)	457 mm
Height	813 mm
Weight (empty)	18 kg
Weight (filled with solution)	47 kg
Operating ambient temperature	10 - 43 deg C

DIMENSIONS/WEIGHT - Water Softener

Depth	356 mm
Width	610 mm
Height	686 mm
Weight (empty)	20 kg
Weight (filled with 150 lbs/68 kg salt & brine)	112 kg
Operating ambient temperature	10 - 43 deg C

POWER

Circuit requirement (min)	15A
Input AC voltage	230 V/50 Hz
Power Cord Length	2.3 m

INPUT WATER SOURCE

Water Flow (min)	13.2 lpm
Water Flow (max)	n/a
Water pressure (min)	2.4 bar
Water pressure (max)	5,9 bar

DISCHARGE/DRAIN - MultiSurface Concentrate

Frequency of discharge	ONLY discharged when MultiSurface Concentrate tank is full and MultiMicro Concentrate Tank is being refilled.
pH of discharge	12.2 - 12.49
Discharge composition	<0.2% (by WT) Sodium Hydroxide (NaOH)
Discharge solution rate	0.063 lpm

DISCHARGE/DRAIN - MultiMicro Concentrate

Frequency of discharge	ONLY discharged when MultiMicro Concentrate tank is full and MultiSurface Concentrate Tank is being refilled.
pH of discharge	5 - 6
Discharge composition	<0.15% (by WT) Hypochlorous Acid (HOCl)
Discharge solution rate	0.088 lpm

DISCHARGE/DRAIN - Water Softener Regeneration

Frequency of discharge	ONLY discharged as part of water softener regeneration. With average water hardness (77 ppm/4.5 gpg), one regeneration occurs for every 750 gal/2,840 L of RTU solutions generated.
Total discharge volume	68.1 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.
Max. discharge solution rate	7.6 lpm

Specifications subject to change without notice.

*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.

