

LOW-ENERGY BOTTLE WASHING MACHINE

Technical Specifications CB 12-0,5-RV-8,2 ng

Normal output			BPH	8,000
Output max.			BPH	8,400
Output min.			BPH	4,000
Cycle time			sec.	5.4
Total cycle time			min.	13.2
Bottle length up to	inch	11.102	mm	262
Bottle diameter up to	inch	2.795	mm	71
Bottles per row			bottles	12
Total bottles			bottles	1,764
Total pocket carriers			carriers	152
Pre-soak:				
Total duration time			sec.	232.2
Actual treatment time			sec.	124.2
Caustic:				
Total duration time			min.	6.3
Bottles filled with caustic solution			min.	4.3
Cool down:				
Total duration time			min.	4.3
Actual treatment time			min.	1.9
Actual spray time:				
Hot caustic			sec.	7.2
Caustic I			sec.	3.6
Caustic II			sec.	14.4
Warm-water I			sec.	14.4
Warm-water II			sec.	14.4
Cold-water			sec.	14.4
Fresh water / sanitizer max.			sec.	14.4
Tank capacities:				
Pre-soak	gal.	264	m ³	1.0
Caustic I	gal.	581	m ³	2.2
Caustic II	gal.	79	m ³	0.3
Warm-water I	gal.	79	m ³	0.3
Warm-water II	gal.	79	m ³	0.3
Cold-water	gal.	79	m ³	0.3
Water consumption for 0.5 l bottles	gal./h	423	m ³ /h	1.6
Heat consumption heating caustic from 15°C (59°F) to 80°C (176°F)			kJ x 1000	850
Heat consumption during operation maintaining 80°C (176°F)			kJ/h x 1000	500
Connected load approx.			kW	15.7
Gross machine weight approx.	pounds	26,455	t	12

Consumption figures are based on freshwater temp. 8-13°C (46-55°F), effluent 35-43°C (95-109°F), bottle discharge 28-33°C (82-91°F), room temperature 15°C (55°F), bottle temperature at infeed 15°C (59°F)

Conversion factors: 1000 kJ ≈ 238.8 kcal ≈ 0.45 kg (0.99 lb) low pressure steam ≈ 0.278 kWh