

LOW-ENERGY BOTTLE WASHING MACHINE

Technical Specifications CB 18-0,5-RV-8,2 ng

Normal output				BPH	12,000
Output max.				BPH	12,600
Output min.				BPH	6,000
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	18
Total bottles				bottles	2,646
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.	396	m ³	1.5
Caustic I		gal.	845	m ³	3.2
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	634	m ³ /h	2.4
Heat consumption heating caustic from 15°C (59°F) to 80°C (176°F)				kJ x 1000	1,200
Heat consumption during operation maintaining 80°C (176°F)				kJ/h x 1000	750
Connected load approx.				kW	19.7
Gross machine weight approx.		pounds	35,274	t	16

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