

LOW-ENERGY BOTTLE WASHING MACHINE

Technical Specifications CB 8-0,5-R-7,2 ng

Normal output				BPH	6,000
Output max.				BPH	6,300
Output min.				BPH	3,000
Cycle time				sec.	4.8
Total cycle time				min.	8.4
Bottle length up to		inch	10.315	mm	262
Bottle diameter up to		inch	2.795	mm	71
Bottles per row				bottles	8
Total bottles				bottles	840
Total pocket carriers				carriers	110
Heat up:					
Total duration time				sec.	52.8
Actual treatment time				sec.	9.6
Caustic:					
Total duration time				min.	5.9
Bottles filled with caustic solution				min.	4.0
Cool down:					
Total duration time				min.	2.4
Actual treatment time				min.	1.3
Actual Spray time:					
Hot caustic				sec.	9.6
Caustic II				sec.	12.8
Warm-water				sec.	12.8
Cold-water				sec.	12.8
Fresh water / sanitizer max.				sec.	12.8
Tank capacities:					
Caustic I		gal.	528	m ³	2.0
Caustic II		gal.	53	m ³	0.2
Warm-water		gal.	53	m ³	0.2
Cold-water		gal.	53	m ³	0.2
Water consumption for 0.5 l bottles		gal./h	396	m ³ /h	1.5
Heat consumption heating caustic from 15°C (59°F) to 80°C (176°F)				kJ x 1000	
				570	
Heat consumption during operation maintaining 80°C (176°F)				kJ/h x 1000	
				690	
Connected load approx.				kW	
				10	
Gross machine weight approx.		pounds	18,739	t	8.5

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