

LOW-ENERGY BOTTLE WASHING MACHINE

Technical Specifications CB 8-0,5-R-6,2 ng

Normal output			BPH	5,000
Output max.			BPH	5,250
Output min.			BPH	2,500
Cycle time			sec.	5.8
Total cycle time			min.	8.7
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	728
Total pocket carriers			carriers	96
Heat up:				
Total duration time			sec.	63.4
Actual treatment time			sec.	11.5
Caustic:				
Total duration time			min.	6.0
Bottles filled with caustic solution			min.	4.1
Cool down:				
Total duration time			min.	2.5
Actual treatment time			min.	1.2
Actual Spray time:				
Hot caustic			sec.	7.7
Caustic II			sec.	11.5
Warm-water			sec.	11.5
Cold-water			sec.	11.5
Fresh water / sanitizer max.			sec.	11.5
Tank capacities:				
Caustic I	gal.	423	m ³	1.6
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	330	m ³ /h	1.25
Heat consumption heating caustic from 15°C (59°F) to 80°C (176°F)			kJ x 1000	500
Heat consumption during operation maintaining 80°C (176°F)			kJ/h x 1000	575
Connected load approx.			kW	10
Gross machine weight approx.	pounds	16,535	t	7.5

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