

LOW-ENERGY BOTTLE WASHING MACHINE

Technical Specifications CB 5-0,5-R-4,8 ng

Normal output			BPH	2,300
Output max.			BPH	2,400
Output min.			BPH	1,100
Cycle time			sec.	7.8
Total cycle time			min.	9.2
Bottle length up to	inch	10.315	mm	262
Bottle diameter up to	inch	2.795	mm	71
Bottles per row			bottles	5
Total bottles			bottles	355
Total pocket carriers			carriers	76
Heat up:				
Total duration time			sec.	85.8
Actual treatment time			sec.	15.6
Caustic:				
Total duration time			min.	6.8
Bottles filled with caustic solution			min.	4.3
Cool down:				
Total duration time			min.	2.2
Actual treatment time			sec.	25.2
Actual Spray time:				
Hot caustic			sec.	7.8
Caustic II			sec.	7.8
Warm water			sec.	7.8
Fresh water / sanitizer max.			sec.	9.6
Tank capacities:				
Caustic I	gal.	238	m ³	0.9
Caustic II	gal.	40	m ³	0.15
Warm-water	gal.	40	m ³	0.15
Water consumption for 0.5 l bottles	gal./h	132	m ³ /h	0.5
Heat consumption heating caustic from 15°C (59°F) to 80°C (176°F)			kJ x 1000	300
Heat consumption during operation maintaining 80°C (176°F)			kJ/h x 1000	300
Connected load approx.			kW	5.3
Gross machine weight approx.	pounds	12,125	t	5.5

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