

LOW-ENERGY BOTTLE WASHING MACHINE

Technical Specifications CB 4-1-R-4,8 VdF ng

Normal output				BPH	1,800
Output max.				BPH	1,900
Output min.				BPH	950
Cycle time				sec.	8
Total cycle time				min.	8.3
Bottle length up to	inch	12,126	mm		308
Bottle diameter up to	inch	3,543	mm		90
Bottles per row				bottles	4
Total bottles				bottles	252
Total pocket carriers				carriers	68
Heat up:					
Total duration time				sec.	80
Actual treatment time				sec.	10.7
Caustic:					
Total duration time				min.	5.3
Bottles filled with caustic solution				min.	4
Cool down:					
Total duration time				min.	2.3
Actual treatment time				sec.	0.4
Actual Spray time:					
Hot caustic				sec.	8
Caustic II				sec.	8
Warm water				sec.	8
Fresh water / sanitizer max.				sec.	10.7
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
Water consumption for 1-l VdF bottles			m ³ /h		0.7
Water consumption for 1-l VdF bottles for hot discharge 55°C			m ³ /h		0.5
Heat consumption heating caustic from 15°C to 80°C			kJ x 1000		300
Heat consumption during operation maintaining caustic 80°C			kJ/h x 1000		270
Heat consumption during operation maintaining caustic 80°C for 1-l VdF bottle for hot discharge 55°C			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