

LOW-ENERGY BOTTLE WASHING MACHINE

Technical Specifications CB 9-1,89-RV-10,6 Mi ng

Normal output	BPH	5,000
Output max.	BPH	5,000
Output min.	BPH	2,500
Cycle time	sec.	6.5
Total cycle time	min.	17
Bottle length up to	in.	10
Bottle type	DWG NO	T-14224
Bottles per row	bottles	9
Total bottles	bottles	1,413
Total pocket carriers	carriers	162
Pre-soak:		
Total duration time	sec.	240.5
Actual treatment time	sec.	123.5
Caustic:		
Total duration time	min.	9.8
Bottles filled with caustic solution	min.	5.9
Cool down:		
Total duration time	min.	4.6
Actual treatment time	min.	2.3
Actual Spray time:		
Hot caustic	sec.	97.5
Caustic I	sec.	4.3
Caustic II	sec.	17.3
Warm water I	sec.	17.3
Warm water II	sec.	17.3
Cold water	sec.	17.3
Fresh water / sanitizer max.	sec.	17.3
Tank capacities:		
Pre-soak	gal.	216
Caustic I	gal.	930
Caustic II	gal.	80
Warm water I	gal.	80
Warm water II	gal.	80
Cold water	gal.	80
Water consumption for 0,5-gal. bottles	gal./h	660
Heat consumption heating caustic from 59°F to 176°F approx.	kJ x 1000	1,300
Heat consumption during operation maintaining 176°F approx.	kJ/h x 1000	700
Connected load approx.	kW	19.7
Gross machine weight approx.	pounds	37,000

Consumption figures are based on freshwater temp. 46-55°F, effluent 95-109°F, bottle discharge 82-91°F, room temperature 55°F, bottle temperature at infeed 59°F

Conversion factors: 1000 kJ \approx 238.8 kcal \approx 0.99 lb low pressure steam \approx 0.278 kWh