

# LOW-ENERGY BOTTLE WASHING MACHINE

## Technical Specifications CB 11-1,89-RV-11,6 Mi ng

<b>Normal output</b>	<b>BPH</b>	<b>7,200</b>
Output max.	BPH	7,200
Output min.	BPH	3,600
Cycle time	sec.	5.5
Total cycle time	min.	15.4
Bottle length up to	in.	10
Bottle type	DWG NO	T-14224
Bottles per row	bottles	11
Total bottles	bottles	1,859
Total pocket carriers	carriers	174
<b>Pre-soak:</b>		
Total duration time	sec.	203.5
Actual treatment time	sec.	104.5
<b>Caustic:</b>		
Total duration time	min.	9.4
Bottles filled with caustic solution	min.	5.5
<b>Cool down:</b>		
Total duration time	min.	3.9
Actual treatment time	min.	1.9
<b>Actual Spray time:</b>		
Hot caustic	sec.	115.5
Caustic I	sec.	3.6
Caustic II	sec.	14.6
Warm water I	sec.	14.6
Warm water II	sec.	14.6
Cold water	sec.	14.6
Fresh water / sanitizer max.	sec.	14.6
<b>Tank capacities:</b>		
Pre-soak	gal.	264
Caustic I	gal.	1,300
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	950
Heat consumption heating caustic from 59°F to 176°F approx.	kJ x 1000	1,700
Heat consumption during operation maintaining 176°F approx.	kJ/h x 1000	950
Connected load approx.	kW	19.7
Gross machine weight approx.	pounds	45,000

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