

LOW-ENERGY BOTTLE WASHING MACHINE

Technical Data CB 8-0,5-R-5,2 ng

Performance	bottles/h	4,000
Control range max.	bottles/h	4,200
Control range min.	bottles/h	2,000
Cycle time	sec.	7.2
Running time	min.	9.2
Bottle length up to	mm	262
Bottle diameter up to	mm	71
Bottles per row	pieces	8
Bottles inside the machine	pieces	616
Bottle cell carrier	pieces	82
Pre-heating:		
Total residence time	sec.	79.2
Treatment time effective	sec.	14.4
Caustic:		
Total residence time	min.	6.1
Bottles filled with caustic soak	min.	4.3
Cooling down area:		
Total residence time	min.	2.6
Treatment time effective	min.	1.4
Spraying time effective:		
Hot caustic	sec.	9.6
Caustic II	sec.	14.4
Warm-water	sec.	14.4
Cold-water	sec.	14.4
Fresh-water max.	sec.	14.4
Container contents:		
Caustic I	m ³	1.4
Caustic II	m ³	0.2
Warm-water	m ³	0.15
Cold-water	m ³	0.15
Water consumption for 0,5 l bottles	m ³ /h	1.0
Heat consumption while heating the caustic from 15°C to 80°C	kJ x 1000	400
Heat consumption while operating, caustic 80°C	kJ/h x 1000	460
Power connected load	kW	7
Operating weight	t	7

Consumption specifications refer to fresh-water 8-13°C, wastewater 35-43°C, bottle infeed 28-33°C, room temperature 15°C, bottle temperature at infeed 15°C
Exchange ratio: 1000 kJ \cong 238.8 kcal \cong 0.45 kg low pressure steam \cong 0.278 kWh