

LOW-ENERGY BOTTLE WASHING MACHINE

Technical Data CB 5-1-R-5,2 VdF ng

Performance	bottles/h	2,500
Control range max.	bottles/h	2,625
Control range min.	bottles/h	1,250
Cycle time	sec.	7.2
Running time	min.	8.4
Bottle length up to	mm	308
Bottle diameter up to	mm	90
Bottles per row	pieces	5
Bottles inside the machine	pieces	345
Bottle cell carrier	pieces	74
Pre-heating:		
Total residence time	sec.	57.6
Treatment time effective	sec.	14.4
Caustic:		
Total residence time	min.	5.4
Bottles filled with caustic soak	min.	3.8
Cooling down area:		
Total residence time	min.	2.4
Treatment time effective	min.	1.3
Spraying time effective:		
Hot caustic	sec.	9.6
Caustic II	sec.	14.4
Warm-water	sec.	14.4
Cold-water	sec.	9.6
Fresh-water max.	sec.	14.4
Container contents:		
Caustic I	m ³	1.1
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	0.6
Water consumption for 1 litre VdF bottles	m ³ /h	0.9
Water consumption for 1 litre VdF bottles with hot bottle discharge 55°C	m ³ /h	0.6
Heat consumption while heating the caustic from 15°C to 80°C	kJ x 1000	315
Heat consumption while operating, caustic 80°C	kJ/h x 1000	290
Heat consumption while operating, caustic 80°C for 1 litre VdF bottles with hot bottle discharge 55°C	kJ/h x 1000	315
Power connected load	kW	6
Operating weight	t	6.8

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