

# LOW-ENERGY BOTTLE WASHING MACHINE

## Technical Specifications CB 6-0,5-R-5,2 ng

|                                                                   |        |        |                   |              |
|-------------------------------------------------------------------|--------|--------|-------------------|--------------|
| <b>Normal output</b>                                              |        |        | <b>BPH</b>        | <b>3,000</b> |
| Output max.                                                       |        |        | BPH               | 3,150        |
| Output min.                                                       |        |        | BPH               | 1,500        |
| Cycle time                                                        |        |        | sec.              | 7.2          |
| Total cycle time                                                  |        |        | min.              | 9.2          |
| Bottle length up to                                               | inch   | 10.315 | mm                | 262          |
| Bottle diameter up to                                             | inch   | 2.795  | mm                | 71           |
| Bottles per row                                                   |        |        | bottles           | 6            |
| Total bottles                                                     |        |        | bottles           | 462          |
| Total pocket carriers                                             |        |        | carriers          | 82           |
| <b>Heat up:</b>                                                   |        |        |                   |              |
| Total duration time                                               |        |        | sec.              | 79.2         |
| Actual treatment time                                             |        |        | sec.              | 14.4         |
| <b>Caustic:</b>                                                   |        |        |                   |              |
| Total duration time                                               |        |        | min.              | 6.1          |
| Bottles filled with caustic solution                              |        |        | min.              | 4.3          |
| <b>Cool down:</b>                                                 |        |        |                   |              |
| Total duration time                                               |        |        | min.              | 2.6          |
| Actual treatment time                                             |        |        | min.              | 1.4          |
| <b>Actual Spray time:</b>                                         |        |        |                   |              |
| Hot caustic                                                       |        |        | sec.              | 9.6          |
| Caustic II                                                        |        |        | sec.              | 14.4         |
| Warm-water                                                        |        |        | sec.              | 14.4         |
| Cold-water                                                        |        |        | sec.              | 14.4         |
| Fresh water / sanitizer max.                                      |        |        | sec.              | 14.4         |
| <b>Tank capacities:</b>                                           |        |        |                   |              |
| Caustic I                                                         | gal.   | 290    | m <sup>3</sup>    | 1.1          |
| Caustic II                                                        | gal.   | 53     | m <sup>3</sup>    | 0.2          |
| Warm-water                                                        | gal.   | 40     | m <sup>3</sup>    | 0.15         |
| Cold-water                                                        | gal.   | 40     | m <sup>3</sup>    | 0.15         |
| Water consumption for 0.5 l bottles                               | gal./h | 198    | m <sup>3</sup> /h | 0.75         |
| Heat consumption heating caustic from 15°C (59°F) to 80°C (176°F) |        |        | kJ x 1000         | 320          |
| Heat consumption during operation maintaining 80°C (176°F)        |        |        | kJ/h x 1000       | 350          |
| Connected load approx.                                            |        |        | kW                | 6            |
| Gross machine weight approx.                                      | pounds | 15,430 | t                 | 7            |

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