



CAGE/BOTTLE WASHER

PRODUCT DESCRIPTION

The SMC Model CBW1026 Series is a heavy duty, high capacity washer specifically designed to clean and sanitize animal cages, racks, pans, bottles and other items ancillary to the care of laboratory animals.

QuickWash™

Option Available.
See Reverse
for Details...

The "Greenest"
and Most Flexible
Alternative
Available Today!



Model CBW1026

STANDARD FEATURES:

- Oscillating jet spray header system
- Automatic temperature regulation
- Pneumatically operated valves
- Microprocessor control
- Color touch screen for operator interface
- Tempered safety glass windows with interior illumination
- Insulated exterior
- Automatic self-flushing debris strainer
- Positive door gasketing
- Automatic water level control
- Programmable security access
- Left or right side service installation
- Personnel safety system
- Low voltage intrinsically safe controls
- Training on operation of machine
- 180°F temperature guarantees
- Automatic exhaust damper
- Drain discharge cool down - non monitored

CONSTRUCTION:

- All stainless steel construction
- 7.5 H.P. treatment pump
- Stainless steel load grid
- Removable stainless steel steam coil
- Stainless steel thermocouple with direct PLC control and panel display
- Electronic water level controls with removable probes
- All electrical devices UL rated
- NEMA rated operator controls
- Stainless steel spray jets
- Non-proprietary components

ACCESSORIES:

- General purpose baskets
- Stainless steel transfer cart
- Custom cage processing



Model CBW1026

**Free Lifetime Tech Support...
No Service Contract Required.**



The LEED® (Leadership in Energy and Environmental Design) Green Building Rating System is the nationally accepted benchmark for the design, construction, and operation at high performance green buildings.

CBW1026

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MODEL	CAPACITY	CHAMBER SIZE (W x H x D)	EXTERNAL OVERALL SIZE (W x H x D)
CBW1026	32 Typical Mouse Cages 12 Typical Rat Cages	48" x 32" x 34" 122 x 81 x 86 cm	72" x 78" x 39" 183 x 198 x 99 cm
CBW1026L	48 Typical Mouse Cages 16 Typical Rat Cages	48" x 32" x 48" 122 x 81 x 122 cm	72" x 78" x 53" 183 x 198 x 135 cm

UTILITY REQUIREMENTS	CBW1026 and CBW1026L
ELECTRICAL <i>Add for Electric Heat option</i>	3 ph, 60 hz, 8 hp (6 kw) 3 ph, 60 hz, (24 kw)
STEAM	1 1/2" FPT 30-80 PSI (207-552 kPa) 350 lbs. (159 kg)/Hr
CONDENSATE	1" FPT
HOT WATER	1" FPT 35 PSI (241 kPa) 120-180 Deg F (60-82 Deg C) 100 Gal (308 L) Max
DRAIN	1 1/2" FPT 140 Deg F (60 Deg C) Max 60 GPM (227 LPM) Max
EXHAUST	6" (3 cm) Dia 200 SCFM (6 m ³ /m) 180 Deg F (82 Deg C) Saturated
COMPRESSED AIR	1/2" FPT 80 PSI (552 kPa) 4 SCFM (.11 m ³ /m)
COLD WATER	3/4" FPT 35 PSI 50 GPM (190 LPM) Max

QuickWash™

When an SMC washer equipped with **QuickWash™**, it will also run all traditional cycles including alkaline and acid wash, acid soak, multiple rinses, and so on.

The unit is equipped with a separate set of headers and jets, sized appropriately and mounted alongside of the normal reciprocating headers. These jets are fed with fresh hot water from your house supply, heated through the onboard heat exchanger. The heat exchanger steam supply is controlled by the modulating steam valve that is under the control of the machine microprocessor, and which guarantees water to be delivered at the set temperature [up to 200 F (93.3 C)].

The unit begins with a sump full of water. Detergent is added to this water, and the unit runs a wash cycle phase with full pump spray and sump heating. Typical duration would be 3-5 minutes. When the wash cycle phase is complete, the unit immediately begins to spray fresh clean hot water from the rinse jet headers onto all load surfaces. Typical duration is 3 minutes, at a temperature up to 200 F. While the unit is rinsing, approximately one-half (15 gallons/57L) of the solution in the sump is drained out through the self-flushing debris strainer. The rinse water falls into the sump, refreshing the wash solution and preparing the sump for the next load. When the next load commences, the detergent concentration is corrected and the cycle continues as above.

So, as you can see, wash solutions are partially re-used but continually refreshed. Total water usage in this mode will be about 15 gallons (57L) per cycle. This system's flexibility combined with our appropriate technology, self-diagnostic systems, non-proprietary parts and 24/7 free technical support, provide for our customers **the lowest-cost and highest up-time solutions in the business.**

OPTIONAL FEATURES:

- QuickWash™ capability with fresh water final rinse
- Strip chart printer with paper take-up
- Exhaust fan
- Vent condenser
- Pass-through operation
- Door interlocks
- Hot water heat exchanger
- Drain discharge cool-down monitored
- Data logging
- Barrier wall flange(s)
- Remote access programming capable
- Aesthetic side enclosure
- Fresh water final rinse
- Seismic restraints
- Integral air compressor
- Low steam pressure below 30 PSI
- Load shelf style door(s)
- Special spray configurations
- Electric heat
- Knockdown shipment
- Custom designs