



TUNNEL WASHER

PRODUCT DESCRIPTION

The SMC Model SL1200 Series is an automatic high capacity, conveyORIZED spray washer designed to clean and sanitize animal cages, pans, water bottles and other items ancillary to the care of laboratory animals.



Model SL1200



STANDARD FEATURES:

- Microprocessor control
- Cascading water re-use design provides environmentally responsible operation
- Balanced spray hold-down system
- Automatic self-flushing debris strainer
- Pull-out type solution strainers
- Quick-disconnect design spray headers
- Automatic temperature regulation and guarantees
- Internet equipment for remote access or data logging
- PID controlled heat exchanger for final rinse
- Insulated exterior
- Pneumatically operated valves
- Swing-out access doors
- T304 stainless steel flat wire conveyor belt
- Automatic water level control
- Detergent and acid injection ports and contacts
- Personnel safety system
- Manuals and documentation for maintenance
- Low voltage intrinsically safe controls
- All 3-phase AC motors
- Training on operation of machine
- Color touch screen for operator interface
- Drain discharge cool down
- 9 ft. dryer section w/air knife and recirculating hot air

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

CONSTRUCTION:

- All stainless steel modular construction
- Welded construction
- 7.5 H.P. wash treatment pump (10 H.P. on Models 1236 and 1248)
- 3 H.P. main recirculating rinse treatment pump
- 1/2 H.P. AC conveyor drive motor
- Removable stainless steel coils
- Stainless steel thermocouples with direct PLC control and panel display
- Electronic water level controls with removable probes
- (C) UL listed controls



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.

SL1200

www.schlyermachine.com

MODEL	BELT WIDTH		TUNNEL - Inside (W x H)		TUNNEL - Outside (W x H x L)	
	SL1224	24"	61 cm	25"x25"	64 x 64 cm	41" x 83" x 264"
SL1230	30"	76 cm	31"x25"	79 x 64 cm	47" x 83" x 264"	119 x 211 x 671 cm
SL1236	36"	91 cm	37"x25"	94x 64 cm	53" x 83" x 264"	135 x 211 x 671 cm
SL1248	48"	122 cm	49"x25"	124 x 64 cm	65" x 83" x 264"	165 x 211 x 671 cm

UTILITY REQUIREMENTS	SL1224 / SL1230	SL1236	SL1248
ELECTRICAL	3 ph, 60 hz, 27 hp (20.1 kw)	3 ph, 60 hz, 30 hp (22.4 kw)	3 ph, 60 hz, 35 hp (26.1 kw)
STEAM	2 1/2" FPT 30-80 PSI (207-552 kPa) 1800 lbs. (816 kg)/Hr	2 1/2" FPT 30-80 PSI (207-552 kPa) 2000 lbs. (907 kg)/Hr	3" FPT 30-80 PSI (207-552 kPa) 2400 lbs. (1088 kg)/Hr
CONDENSATE	1" FPT	1" FPT	1" FPT
HOT WATER	1" FPT 35 PSI (241 kPa) 120-180 Deg F (60-82 Deg C) 6-8 GPM (23 LPM)	1" FPT 35 PSI (241 kPa) 120-180 Deg F (60-82 Deg C) 6-8 GPM (23 LPM)	1" FPT 35 PSI (241 kPa) 120-180 Deg F (60-82 Deg C) 8-10 GPM (30 LPM)
DRAIN	2" FPT 140 Deg F (60 Deg C) Max 106 PM	2" FPT 140 Deg F (60 Deg C) Max 106 PM	2" FPT 140 Deg F (60 Deg C) Max 126 PM
EXHAUST	12" (30 cm) Dia 1200 SCFM (34 m ³ /m)	18" (46 cm) Dia 1800 SCFM (51 m ³ /m)	18" (46 cm) Dia 2200 SCFM (62 m ³ /m)
COMPRESSED AIR	1/2" FPT 80 PSI (552 kPa) 2 SCFM (.057 m ³ /m)	1/2" FPT 80 PSI (552 kPa) 2 SCFM (.057 m ³ /m)	1/2" FPT 80 PSI (552 kPa) 2 SCFM (.057 m ³ /m)
COLD WATER	3/4" FPT 35 PSI 3-4 GPM	3/4" FPT 35 PSI 3-4 GPM	3/4" FPT 35 PSI 3-5 GPM

OPTIONAL FEATURES:

- Strip chart printer with paper take up
- Stainless steel exhaust fan
- Unload conveyor-powered or gravity
- Barrier flanges recessing through wall(s)
- Integrated bedding disposal unit
- Treatment solution pH neutralization system
- Conveyor full sensor
- Discharge cool down monitored
- Knockdown shipment
- Interior clean and de-scaling system
- Automatic tank drains
- Integrated bedding dispenser
- Seismic restraints
- Integral air compressor
- Windows/Illuminated interior
- Special spray configurations
- Low pressure stream
- Custom sizes