

Bottle Washer

SIMPLE. RELIABLE. EFFICIENT.

BW1020 Bottle Washer

The Model **BW1020 Bottle Washer** is a high capacity stainless steel spray cabinet specifically designed to clean bottles used in research, pharmaceutical and biotechnology applications. With features unique to the SMC-Roe design, this washer incorporates many innovative features to ensure thorough, efficient cleaning.

Key features

- All stainless steel construction
- Rotary spray jet system
- Automatic temperature regulation with wash and rinse temperature guarantees
- Insulated exterior designed to maintain high internal temperatures and dramatically reduce heat loss
- Non-proprietary microprocessor controls all machine functions and features a color touch screen that provides complete operator interface with diagnostic and programming capabilities
- Upon installation, SMC-Roe technicians will conduct in-depth, hands-on field training on the operation of the washer

Model
BW1020



Standard features

- Vertical sliding door
- Rotary spray jet system
- Automatic temperature regulation & guarantee
Safety features in compliance with all OSHA regulations
Pneumatic operated valves
- Microprocessor control
- Fully insulated exterior

Construction

- All stainless steel construction
- Automatic water level control
- Horizontal close coupled treatment pump
- Removable stainless steel steam coil
- All electrical devices UL rated
- Non-proprietary components

Accessories

- Stainless steel transfer cart
- General purpose wash baskets

Utility requirements

BW1020				
Electrical for steam heat	Phase		Hz	HP (kW)
	3		60	5 (4)
Steam	FPT		PSI (kPa)	lbs. (kg)/hr
	1-1/2"		30-80 (207-552)	350 (159) at peak
Condensate return line	1" FPT			
Hot water	° F (° C)	FPT	PSI (kPa)	Gal. (L)/load
	120-180 (60-82)	1"	35 (241)	51 (193)
Cold water	FPT		PSI (kPa)	Gal. (L)/min.
	3/4"		35 (241)	15 (57)
Drain	° F (° C)		FPT	Gal. (L)/min.
	140 (60)		1-1/2"	60 (227)
Exhaust	Dia. in (mm)		° F (° C)	SCFM (m ³ /m)
	4 (102)		180 (82)	200 (6)
Compressed air	FPT		PSI (kPa)	SCFM (m ³ /m)
	1/2"		80 (552)	4 (.1)

Optional features

- Electric heat
- Strip chart printer with paper take-up
- Exhaust fan
- Vent condenser
- Pass-through operation
- Door interlocks
- Hot water heat temperature booster
- 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
- Special spray configurations
- Knockdown shipment
- Custom designs

Dimensions

Model	Chamber (W x H x D) inch (cm)	External (W x H x D) inch (cm)
BW1020	24 x 32 x 34 (60 x 80 x 85)	40 x 30 x 86 (102 x 76 x 218)

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