

PLW 8617 [EL/S RT]

Lab washer, steam/electrically heated

- single door, with recycling tank, 1,150 mm wide, 12.395 (351) ft³ (I) I usable capacity.



- Performance/cycle, e.g., 216 laboratory bottles, 588 vials, or 294 pipettes
- Up to 60% less water consumption based on the load *
- Environmentally friendly thanks to recycling tank
- Flexible and simple modular load carriers & SimpleLoad system
- Efficient powerful pump performance with variable-speed pump
- Reliable results spray arm monitoring and conductivity meter

EAN: 4002516148401 / Material number: 11179840 / Old Material Number: 62861707USA

Construction type and design	
Construction type	Freestanding appliance,
	1 glass vertical lifting door
Heating type	Steam/Electric convertible
Front / back	Stainless Steel
Side panels	Stainless steel
Single / multiple installations	•
Loading with mobile units	•
Electric door lock	•
Buzzer, acoustic signal at end of program	•
Easy-to-service construction	•
Application	
Suitable for laboratories	•
Suitable for industrial applications	•
Capacity	
Narrow necked glassware per cycle [number]	216
Test tubes per cycle [number]	588
Laboratory flasks per cycle [number]	216
Pipettes per cycle [number]	294
Performance data	
Circulation pump, Qmax in gal/min (l/min.)	105.68 (400)
Additional circulation pump for load carriers – direct	600
coupling, Qmax in I/min.	
Variable-speed pump	•
Usable wash cabinet volume in cu.ft (L)	12.39 (351) ft ³ (l)
Tested operating hours	15000
Service life in wash cycles	20000
Controls	
Control type	PST 20
Program selection	Full-touch colour display
Programmability	programmable
Programs [number]	30
Free program slots [number]	170
Automatic program restart	•
Time left display	•
Program sequence indicator	•
Status display via chamber lighting	•
Choice of display language	•
Standard electrical connection	
Electrical connection	3 AC 208V 60HZ
Heater rating in kW	18.00
Total rated load in kW	21.00
Fuse rating in A	60
Possible voltage variant 1	
Electrical connection	3 AC 208V 60HZ
Total rated load in kW	10.00
Fuse rating in A	30
Water connection/drainage	
Cold water [number]	2
Hot water [number]	

e.g., 60% saving with 100 ml laboratory bottles in Universal Max program compared to Lab Universal program for PG 8527



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Required flow pressure in kPa 200-1000 Maximum water hardness (cold water / hot water) in mmol/l 4.15 (0.71) Drain pump (optional) 60 Compressed air connection 1 Compressed air connection, technical [number] 1 Required compressed air, technical in kPa 600-800 Drying unit Electricity Air throughput in ft³ (min) (m³/h) 147.15 (250) ft³/min (m3/h) Time settings in 1-minute steps 1-240 HEPA filter class H13 HEPA-filter filtration efficiency (DIN EN 1822) in % 99.95 Electric heater rating in kW 8.00 Dimensions and weight 8.00 External dimensions, net height in in. (mm) 45 5/16 (1150) in (mm) External dimensions, net depth in in. (mm) 39 (990) in (mm) External dimensions, gross height in in. (mm) 73 73/16 (1960) External dimensions, gross depth in in. (mm) 49 1/4 (2495) External dimensions, gross depth in in. (mm) 49 1/4 (2130) Wash cabinet, height in in. (mm) 26 5/8 (657) Wash cabinet, depth in in. (mm) 25 5/8 (650) Wash cabinet, depth in in. (mm)	Fully demineralized water [number]	2
Maximum water hardness (cold water / hot water) in mmol/l Drain valve [DN] 4.15 (0.71) Drain pump (optional) 50 Compressed air connection 60 Compressed air connection, technical [number] 1 Required compressed air, technical in kPa 600-800 Drying unit Electricity Drying unit theating type Electricity Air throughput in 1 ⁴⁷ (min) (m³/h) 147.15 (250) ft³/min (m3/h) Time settings in 1-minute steps 1-240 HEPA filter class H13 HEPA-filter filtration efficiency (DIN EN 1822) in % 99.95 Electric heater rating in kW 99.95 External dimensions, net width in in. (mm) 45 5/16 (1150) in (mm) External dimensions, net width in in. (mm) 45 5/16 (1150) in (mm) External dimensions, net width in in. (mm) 39 (990) in (mm) External dimensions, net width in in. (mm) 98 1/4 (2495) External dimensions, gross height in in. (mm) 77 3/16 (1960) External dimensions, gross width in in. (mm) 77 3/16 (1960) External dimensions, gross depth in in. (mm) 41 1/2 (1130) Wash cabinet, width in in. (mm) 25 5/8 (650)	Required flow pressure in kPa	200-1000
Drain valve [DN] 50		4.15 (0.71)
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Rack height above floor in in. (mm) Net weight in lb (kg) Gross weight in lb (kg) Maximum floor load in N/m² Emission values Sound pressure LpA in cleaning and drying according to DIN EN ISO 11201 Programs Thermal disinfection Laboratory glassware reprocessing Plastics Oil soiling Industrial parts cleaning Features 2 integrated diaphragm dispenser pumps for liquid media Additional integrated dispenser pumps 4 Recycling tank Steam condenser (optional) Volume flow control Spray arm monitoring Interface for process documentation Multi-component filter system	Wash cabinet, depth in in. (mm)	31 1/2 (800)
Gross weight in lb (kg) Maximum floor load in N/m² Emission values Sound pressure LpA in cleaning and drying according to DIN EN ISO 11201 Programs Thermal disinfection Laboratory glassware reprocessing Plastics Oil soiling Industrial parts cleaning Features 2 integrated diaphragm dispenser pumps for liquid media Additional integrated dispenser pumps Recycling tank Steam condenser (optional) Volume flow control Spray arm monitoring Interface for process documentation Multi-component filter system		33 1/2 (850)
Maximum floor load in N/m²8000Emission values<65 dB(A) re 20 μPaSound pressure LpA in cleaning and drying according to DIN EN ISO 11201<65 dB(A) re 20 μPaProgramsThermal disinfection•Laboratory glassware reprocessing•Plastics•Oil soiling•Industrial parts cleaning•Features22 integrated diaphragm dispenser pumps for liquid media•Additional integrated dispenser pumps4Recycling tank•Steam condenser (optional)•Volume flow control•Spray arm monitoring•Conductivity monitoring•Interface for process documentation•Multi-component filter system•	Net weight in lb (kg)	878 (398)
Emission values Sound pressure LpA in cleaning and drying according to DIN EN ISO 11201 Programs Thermal disinfection Laboratory glassware reprocessing Plastics Oil soiling Industrial parts cleaning Features 2 integrated diaphragm dispenser pumps for liquid media Additional integrated dispenser pumps Recycling tank Steam condenser (optional) Volume flow control Spray arm monitoring Interface for process documentation Multi-component filter system	Gross weight in lb (kg)	904 (410)
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DIN EN ISO 11201 Programs Thermal disinfection Laboratory glassware reprocessing Plastics Oil soiling Industrial parts cleaning Features 2 integrated diaphragm dispenser pumps for liquid media Additional integrated dispenser pumps 4 Recycling tank Steam condenser (optional) Volume flow control Spray arm monitoring Conductivity monitoring Interface for process documentation Multi-component filter system	Emission values	
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Oil soiling Industrial parts cleaning Features 2 integrated diaphragm dispenser pumps for liquid media Additional integrated dispenser pumps 4 Recycling tank Steam condenser (optional) Volume flow control Spray arm monitoring Conductivity monitoring Interface for process documentation Multi-component filter system	Laboratory glassware reprocessing	•
Industrial parts cleaning Features 2 integrated diaphragm dispenser pumps for liquid media Additional integrated dispenser pumps 4 Recycling tank Steam condenser (optional) Volume flow control Spray arm monitoring Conductivity monitoring Interface for process documentation Multi-component filter system	Plastics	•
Features 2 integrated diaphragm dispenser pumps for liquid media Additional integrated dispenser pumps 4 Recycling tank Steam condenser (optional) Volume flow control Spray arm monitoring Conductivity monitoring Interface for process documentation Multi-component filter system	Oil soiling	•
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Steam condenser (optional) Volume flow control Spray arm monitoring Conductivity monitoring Interface for process documentation Multi-component filter system	Additional integrated dispenser pumps	4
Volume flow control Spray arm monitoring Conductivity monitoring Interface for process documentation Multi-component filter system •	Recycling tank	•
Spray arm monitoring Conductivity monitoring Interface for process documentation Multi-component filter system •	Steam condenser (optional)	•
Conductivity monitoring Interface for process documentation Multi-component filter system •	Volume flow control	•
Interface for process documentation Multi-component filter system •	Spray arm monitoring	•
Multi-component filter system •	Conductivity monitoring	•
	Interface for process documentation	•
Micro-fine filter	Multi-component filter system	•
	Micro-fine filter	•



PLW 8617 [EL/S RT]

Lab washer, steam/electrically heated – single door, with recycling tank, 1,150 mm wide, 12.395 (351) ft³ (I) I usable capacity.



EAN: 4002516148401 / Material number: 11179840 / Old Material Number: 62861707USA

Load carrier – direct coupling	•
Integrated hot-air drying (optional)	•
Integrated printer for process documentation (optional)	•
Heater elements outside wash cabinet	•
SimpleLoad	•
Storage options for process chemicals (4 x 10 l)	•
Wash cabinet made from high-quality stainless steel (1.4404 / 316L)	•
Base, on wheels (optional)	•
Drain water cooling (optional)	•
Coloured chamber lighting	•
Modular basket design	•
Option of using existing load carriers	•
Connection options	
Ethernet interface	•
External dispenser modules	•
USB interface	•
Central dispensing	•
Peak-load negotiation / energy management	•
Standards / certs / symbols	
CE	•
VDE (electrical safety)	•
EN 61010-2-040	•