

PLW 8615 [EL]

Lab washer, electric heating

– single door, 900 mm wide, 12.395 (351) ft³ (l) usable capacity.



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

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

EAN: 4002516148111 / Material number: 11179530 / Old Material Number: 62861501USA

Construction type and design	
Model	Freestanding appliance, 1 glass lifting door
Heating type	Electricity
Front/back	Stainless Steel
Side panels	Stainless steel
Single/multiple installations	•
Loading via 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-neck 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 carrier – direct coupling, Qmax in gal/min (l/min)	600
Variable-speed pump	•
Usable wash cabinet volume in L	12.39 (351)
Tested operating hours	15000
Service life in wash cycles	20000
Control	
Control system	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-cycle display	•
Status indication via chamber lighting	•
Choice of display languages	•
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
Water connection/drainage	
Cold water [number]	2
Hot water [number]	1
DI water [number]	2
Required flow pressure in kPa	200-1000
Maximum water hardness (cold water/hot water) in gpg (mmol/l)	4.15 (0.71)
Drain valve [DN]	50

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Drain pump (optional)	•
Compressed air connection	
Compressed air connection, technical [number]	1
Required air pressure, technical, in kPa	600-800
Drying unit	
Drying unit heating type	Electricity
Air throughput in m ³ /h	147.15 (250)
Temperature settings in 1° steps	60-115
Time settings in 1-minute steps	1-240
HEPA-filter class	H13
HEPA-filter filtration efficiency (in accordance with DIN EN 1822) in %	99.95
HEPA-filter service life in h	1000
Electric heater rating in kW	8.00
Dimensions and weight	
External dimensions, net height in inches	1670
External dimensions, net width in inches	900
External dimensions, net depth in inches	990
External dimensions incl. toe-kick/drip pan and top casing, height in inches	98 1/4 (2495)
External dimensions, gross height in inches	77 3/16 (1960)
External dimensions, gross width in inches	39 3/8 (1000)
External dimensions, gross depth in inches	44 1/2 (1130)
Wash cabinet, height in inches	26 5/8 (675)
Wash cabinet, width in inches	25 5/8 (650)
Wash cabinet, depth in inches	31 1/2 (800)
In-feed height above floor in inches	33 1/2 (850)
Net weight in lbs	821 (372)
Gross weight in lbs	845 (383)
Maximum floor load in N/m ²	8000
Emission values	
Sound pressure LpA in cleaning and drying according to DIN EN ISO 11201	<65 dB(A) re 20 µPa
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
Steam condenser (optional)	•
Volume-flow control	•
Spray arm monitoring	•
Conductivity monitoring	•
Interface for process documentation	•
Multi-component filter system	•
Micro-fine filter	•
Load carrier – direct coupling	•
Integrated hot-air drying (optional)	•

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Integrated printer for process documentation (optional)	•
Heating elements outside the wash cabinet	•
SimpleLoad	•
Setting options for process chemicals (4 x 5 l or 2 x 5 l + 1 x 10 l)	•
Wash cabinet made of high-quality stainless steel (1.4404/316L)	•
Stand, on wheels (optional)	•
Drain-water cooling (optional)	•
Multicolored 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, test certificates, and symbols	
CE	•
VDE (electrical safety)	•
EN 61010-2-040	•
Machinery Directive 2006/42/EC	•