PLW 8615 [EL/S CT]
Lab washer, steam/electric heating
– single door with combi tank, 35 1/2" (900 mm) wide, 12.395 (351) ft³ (l) usable capacity.



- Performance/cycle, e.g., 216 laboratory bottles, 588 vials, or 294 pipettes
- Flexible use of the combi tank as a recycling/pre-heating tank
- Up to 60% less water consumption based on the load *
- Flexible and simple – modular load carriers & SimpleLoad system
- 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: 4002516148142 / Material number: 11179560 /
Old Material Number: 62861504USA

| | |
|---|---|
| **Construction type and design** | |
| Model | Freestanding appliance, 1 glass lifting door |
| Range | PerformanceLine |
| Heating type | Steam/Electric convertible |
| 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 |
| Maximum load in lb (kg) | 150 |
| **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 |
| **Possible voltage variant 1** | |
| Electrical connection | 3 AC 208V 60HZ |
| Total rated load in kW | 10.00 |

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| | |
|---|---|
| Fuse rating in A | 30 |
| **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 |
| 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 m³/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 | 65 3/4 (1670) in (mm) |
| External dimensions, net width in inches | 35 7/16 (900) in (mm) |
| External dimensions, net depth in inches | 39 (990) in (mm) |
| 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 | 863 (391) |
| Gross weight in lbs | 887 (402) |
| Maximum floor load in N/m² | 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 | • |

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| Features | |
|---|---|
| 2 integrated diaphragm dispenser pumps for liquid media | • |
| Additional integrated dispenser pumps | 4 |
| Combi tank | • |
| 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) | • |
| 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 | • |