# Miele

## PWM 909 [EL DV DD]
Professional washing machine, electrically heated, with drain valve
and detergent drawer, M Touch Pro Plus – freely programmable.



- Drum volume 80 l, load capacity 9.0 kg
- 18 % less water consumption and 45 % less energy consumption*
- Ideal operation thanks to colour touch display – M Touch Pro Plus
- Perfect spinning results – residual moisture 44 % %**, g factor518
- Connected for the future using LAN and WiFi

* Based on the Coloured items 60 °C programme with a warm water connection, compared to predecessor.

** Residual moisture specification relates to a hot rinse during the last rinse cycle.

EAN: 4002516488187 / Material number: 11923480 / Old Material Number: 51909001GB

| Construction type and version | |
|---|---|
| Construction type | Front loader |
| Range | Performance Plus |
| Front | Iron grey |
| Control panel colour | Stainless steel |
| Maximum load with a load ratio of 1:9 in kg | 9.0 |
| Load ratio | 1:9 |
| Load in kg | 9.0 |
| Drum volume in l | 80 |
| Door opening [Ø] in mm | 370 |
| Door opening angle in degrees | 180 |
| Door hinge | right |
| Automatic door lock | • |
| Maintenance-free synchronous motor | • |
| Honeycomb drum | • |
| **Application** | |
| Suitable for the hotel and catering industry | • |
| Suitable for retirement and care homes | • |
| Suitable for facility management | • |
| Suitable for launderettes | • |
| Suitable for residential homes and apartments | • |
| Suitable for dry cleaners | • |
| Suitable for commercial laundries | • |
| Suitable for small businesses | • |
| Suitable for fire brigades and rescue services | • |
| Suitable for studs, riding schools and stables | • |
| Suitable for universities, nurseries, and schools | • |
| Suitable for hospitals | • |
| Suitable for camp sites | • |
| Suitable for sports clubs | • |
| Suitable for beauty salons, spas, and fitness centres | • |
| Suitable for doctors' and dentists' practices | • |
| Suitable for the petrochemicals industry | • |
| Suitable for the food-processing industry | • |
| Suitable for amusement parks & holiday complexes | • |
| Suitable for state/community care facilities | • |
| **Performance data** | |
| Tested virucidal efficacy | • |
| Proven hygiene | • |
| Specific water consumption for cold water connection in l/kg | 6.30 |
| Specific energy consumption for cold water connection in kWh/kg | 0.13 |
| Specific water consumption for hot water connection in l/kg | 6.60 |
| Specific energy consumption for hot water connection in kWh/kg | 0.03 |
| Water consumption with cold water connection in l | 56.2 |
| Energy consumption with cold water connection in kW | 1.20 |
| Programme duration in minutes with cold water connection | 49 |
| Water consumption with hot water connection in l | 59.3 |
| Energy consumption with hot water connection in kW | 0.23 |

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| | |
|---|---|
| Programme duration in minutes with cold water and hot water connection | 45 |
| Water consumption in ECO programme with cold water connection in l | 49.7 |
| Energy consumption in ECO programme with cold water | 0.82 |
| Programme duration in minutes with cold water connection in ECO programme | 34 |
| Water consumption in ECO programme with hot water connection in l | 52.0 |
| Energy consumption in ECO programme with hot water | 0.14 |
| Programme duration in minutes with cold water and hot water connection in ECO programme | 32 |
| Residual moisture with cold rinse in % | 47 |
| Residual moisture with hot rinse in % | 44 |
| Spin speed in rpm | 1300 |
| g factor | 518 |
| Tested operating hours | 30000 |
| **Control system** | |
| Control system | M Touch Pro Plus |
| Programmability | Freely programmable |
| Max. delay start in h | Freely selectable |
| Time left display | • |
| Programme sequence indicator | • |
| Selectable display languages | • |
| **Standard/target grp programmes** | |
| Basic programmes | • |
| Programmes for the hotel and catering industry | • |
| Programmes for retirement and care homes | • |
| Programmes for facility management | • |
| Programmes for launderettes | • |
| Programmes for residential homes and apartments | • |
| Programmes for dry cleaners | • |
| Programmes for commercial laundries | • |
| Programmes for small businesses | • |
| Programmes for fire brigades and rescue services | • |
| Programmes for studs, riding schools, and stables | • |
| Programmes for universities, nurseries, and school | • |
| Programmes for hospitals | • |
| Programmes for fast food restaurants | • |
| Programmes for camp sites | • |
| Programmes for sports clubs | • |
| Programmes for beauty clinics, spas, and fitness studios | • |
| Programmes for domestic use | • |
| Programmes for doctors' and dentists' practices | • |
| **Dispensing** | |
| Detergent drawer | 3 compartments |
| Flexible dispensing adapter (optional) | • |
| Maximum number of connections for liquid dispenser pumps [number] | 6 |
| Empty sensor | • |
| **Standard electrical connection** | |
| Heating type | Electric |

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| | |
|---|---|
| Electrical connection | 3N AC 400V 50/60HZ |
| Heater rating in kW | 7.95 |
| Total connected load in kW | 8.20 |
| Fuse rating in A | 16 |
| **Water connection/drainage** | |
| Cold water [number] | 1x 1/2" hose w/ 3/4" th. union |
| Hot water [number] | 1x 1/2" hose w/ 3/4" th. union |
| Grey water (optional) [number] | 1 x 1/2" w/ 3/4" union |
| Dump valve | DN 70 |
| **Dimensions and weight** | |
| External dimensions, height in mm | 1020 |
| External dimensions, width in mm | 704 |
| External dimensions, depth in mm | 730 |
| External dimensions, gross height in mm | 1214 |
| External dimensions, gross width in mm | 750 |
| External dimensions, gross depth in mm | 817 |
| Net weight in kg | 140.0 |
| Gross weight in kg | 152 |
| Maximum floor load in N/m$^2$ | 2421 |
| **Emissions data** | |
| Emission sound pressure level in the workplace | 65 dB(A) re 20 µPa |
| Heat dissipation into the room in MJ/h | 2.30 |
| **Features** | |
| Patented pre-spin | • |
| Cloth reprocessing | • |
| 3-dimensional imbalance monitoring | • |
| Disinfection rinse | • |
| EcoSpeed | • |
| Temperature monitoring | • |
| Special heater element | • |
| Automatic load control+ | • |
| Flow meter | • |
| Add laundry | • |
| Programme selection via colour frame | • |
| Machine-independent accessories | • |
| **Efficiency and sustainability** | |
| Recycling rate in % | 95 |
| **Connection options** | |
| Payment system (optional) | • |
| Optical interface for service access | • |
| Peak load cut-out/energy management (optional) | • |
| LAN | • |
| WiFi | • |
| Connector Box | • |
| **Capacities** | |
| Respirator masks [number] | 13 |
| Helmets [number] | 2 |
| Overalls [number] | 1 |
| Over jackets [number] | 2 |

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| | |
|---|---|
| Synthetic duvets [number] | 1 |
| Synthetic pillows [number] | 2 |
| Down duvets [number] | 1 |
| Down pillows [number] | 2 |
| Cloths, 22 g [number] | 204 |
| Cotton mops, 40 cm / 190 g [number] | 42 |
| Cotton mops, 50 cm / 220 g [number] | 33 |
| Microfibre mops, 40 cm / 120 g [number] | 66 |
| Microfibre mops, 50 cm / 170 g [number] | 43 |
| Mops, office, 100 g [quantity] | 55 |
| Mops, stairway, 150 g [quantity] | 35 |
| Summer horse blankets [number] | 2 |
| **Standards, test certificates and symbols** | |
| CE | • |
| VDE-EMC | • |
| VDE | • |
| Splash-proof safety rating IPX4 | • |
| UKCA | • |
| WEEE | • |
| Complies with Machinery Directive 2006/42/EC | • |