

## PWM 909 [EL DP DD SOM]

Professional washing machine, electric heating, drain pump and detergent drawer, M Touch Pro Plus freely programmable, for marine use.



- 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 factor 518
- 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: 4002516519805 / Material number: 11959840 / Old Material Number: 51909011SOM

| Construction type and version   |                     |
|---|---------------------|
| Construction type   | Front loader        |
| Range   | Performance Plus    |
| Front   | Stainless steel     |
| 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  | •                   |
| Stainless steel honeycomb drum  | •                   |
| Application   |                     |
| Suitable for offshore use   | •                   |
| Suitable for marine use   | •                   |
| Performance data  |                     |
| 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                |
| 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 |

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|   |                                |
|---|--------------------------------|
| Max. delay start in h   | Freely selectable              |
| Time left display   | •                              |
| Programme sequence indicator                                      | •                              |
| Selectable display languages                                      | •                              |
| <b>Standard/target grp programmes</b>                             |                                |
| Basic programmes  | •                              |
| Programmes for the hotel and catering industry                    | •                              |
| Programmes for retirement and care homes                          | •                              |
| Programmes for facility management                                | •                              |
| Programmes for laundrettes  | •                              |
| 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                   | •                              |
| <b>Dispensing</b>   |                                |
| Detergent drawer  | 3 compartments                 |
| Flexible dispensing adapter (optional)                            | •                              |
| Maximum number of connections for liquid dispenser pumps [number] | 6                              |
| Empty sensor  | •                              |
| <b>Standard electrical connection</b>                             |                                |
| Heating type  | Electric                       |
| Electrical connection   | 3 AC 440V 60HZ                 |
| Heater rating in kW   | 6.05                           |
| Total connected load in kW  | 6.30                           |
| Fuse rating in A  | 16                             |
| <b>Possible voltage variant 1</b>                                 |                                |
| Electrical connection   | 3 AC 480V 60HZ                 |
| Heater rating in kW   | 7.20                           |
| Total connected load in kW  | 7.45                           |
| Fuse rating in A  | 16                             |
| <b>Possible voltage variant 2</b>                                 |                                |
| Electrical connection   | 3 AC 400V 60 HZ                |
| Heater rating in kW   | 5.00                           |
| Total connected load in kW  | 5.25                           |
| Fuse rating in A  | 16                             |
| <b>Water connection/drainage</b>                                  |                                |
| Cold water [number]   | 1x 1/2" hose w/ 3/4" th. union |
| Hot water [number]  | 1x 1/2" hose w/ 3/4" th. union |

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|  |                        |
|--|------------------------|
| Grey water (optional) [number]                       | 1 x 1/2" w/ 3/4" union |
| Drain pump   | DN 22                  |
| <b>Dimensions and weight</b>                         |                        |
| External dimensions, height in mm                    | 1020                   |
| External dimensions, width in mm                     | 700                    |
| External dimensions, depth in mm                     | 718                    |
| 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                                     | 146.0                  |
| Gross weight in kg                                   | 158                    |
| Maximum floor load in N                              | 2480                   |
| <b>Emissions data</b>                                |                        |
| Emission sound pressure level in the workplace       | 65 dB(A) re 20 µPa     |
| Heat dissipation into the room in MJ/h               | 2.30                   |
| <b>Features</b>                                      |                        |
| 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                 | •                      |
| Efficient fast spin cycle                            | •                      |
| Machine-independent accessories                      | •                      |
| <b>Efficiency and sustainability</b>                 |                        |
| Recycling rate in %                                  | 95                     |
| <b>Connection options</b>                            |                        |
| Payment system (optional)                            | •                      |
| Optical interface for service access                 | •                      |
| Peak-load negotiation / energy management (optional) | •                      |
| LAN  | •                      |
| WiFi   | •                      |
| Connector Box  | •                      |
| <b>Capacities</b>                                    |                        |
| Respirator masks [number]                            | 4                      |
| Helmets [number]                                     | 2                      |
| Overalls [number]                                    | 1                      |
| Over jackets [number]                                | 2                      |
| 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                     |

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|   |    |
|---|----|
| 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  |
| <b>Standards, test certificates and symbols</b> |    |
| CE  | •  |
| VDE-EMC   | •  |
| VDE   | •  |
| Splash-proof safety rating IPX4                 | •  |
| WEEE  | •  |
| EAC   | •  |
| Complies with Machinery Directive 2006/42/EC    | •  |