

## PWM 920 [EL DV DD SOM]

Professional washing machine, electrically heated, with drain valve and detergent drawer, M Touch Pro Plus freely programmable, for marine use.



- Drum volume 180 l, maximum load size 20.0 kg
- Top cleaning & consumption values – innovative Miele technology
- Ideal operation thanks to colour touch display – M Touch Pro Plus
- Simple and safe operation thanks to automatic door lock
- Connected for the future using LAN and WiFi

EAN: 4002516392538 / Material number: 11683010 / Old Material Number: 51920006SOM

| 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  | 20,0             |
| Load ratio   | 1:9              |
| Load in kg   | 20,0             |
| Drum volume in l   | 180              |
| Door opening [Ø] in mm   | 415              |
| Door opening angle in degrees  | 180              |
| Door hinge   | right            |
| Automatic door lock  | •                |
| Innovative suds container  | •                |
| Maintenance-free motor with frequency converter                                      | •                |
| Patented honeycomb drum 2.0  | •                |
| Application  |                  |
| Suitable for offshore use  | •                |
| Suitable for marine use  | •                |
| Performance data   |                  |
| Tested virucidal efficacy  | •                |
| Proven hygiene   | •                |
| Specific water consumption for cold water connection in l/kg                         | 6,20             |
| Specific energy consumption for cold water connection in kWh/kg                      | 0,14             |
| Specific water consumption for hot water connection in l/kg                          | 5,90             |
| Specific energy consumption for hot water connection in kWh/kg                       | 0,06             |
| Water consumption with cold water connection in l                                    | 124,0            |
| Water consumption for cold water connection in Mops standard 60 °C programme in l    | 234,3            |
| Energy consumption with cold water connection in kW                                  | 2,80             |
| Energy consumption for cold water connection in Mops standard 60 °C programme in kWh | 4,10             |
| Programme duration in minutes with cold water connection                             | 55               |
| Water consumption with hot water connection in l                                     | 118,0            |
| Water consumption for hot water connection in Mops standard 60 °C programme in l     | 229,0            |
| Energy consumption with hot water connection in kW                                   | 1,20             |
| Energy consumption for hot water connection in Mops standard 60 °C programme in kWh  | 1,70             |
| Programme duration in minutes with cold water and hot water connection               | 44               |
| Water consumption in ECO programme with cold water connection in l                   | 116,0            |
| Energy consumption in ECO programme with cold water                                  | 2,00             |
| Programme duration in minutes with cold water connection in ECO programme            | 35               |
| Water consumption in ECO programme with hot water connection in l                    | 114,0            |
| Energy consumption in ECO programme with hot water                                   | 0,60             |

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|  |                                |
|--|--------------------------------|
| Programme duration in minutes with cold water and hot water connection in ECO programme        | 33                             |
| Programme running time in minutes for Mops standard 60 °C programme with cold water connection | 61                             |
| Programme running time in minutes for Mops standard 60 °C programme with hot water connection  | 55                             |
| Residual moisture with cold rinse in %   | 48                             |
| Residual moisture with hot rinse in %  | 44                             |
| Residual moisture when processing cleaning cloths in %   | 25                             |
| Spin speed in rpm  | 1075                           |
| g factor   | 462                            |
| Tested operating hours   | 30000                          |
| <b>Control system</b>  |                                |
| 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   | •                              |
| Option to enter weight prior to start of programme   | •                              |
| <b>Standard/target grp programmes</b>  |                                |
| Basic programmes   | •                              |
| <b>Dispensing</b>  |                                |
| Detergent drawer   | 3 compartments                 |
| Maximum number of connections for liquid dispenser pumps [number]                              | 12                             |
| Empty sensor   | •                              |
| <b>Standard electrical connection</b>  |                                |
| Heating type   | Electric                       |
| Electrical connection  | 3 AC 400V 50 HZ                |
| Heater rating in kW  | 18,00                          |
| Total connected load in kW   | 19,00                          |
| Fuse rating in A   | 35                             |
| <b>Possible voltage variant 1</b>  |                                |
| Electrical connection  | 3 AC 400V 60 HZ                |
| Heater rating in kW  | 18,00                          |
| Total connected load in kW   | 19,00                          |
| Fuse rating in A   | 35                             |
| <b>Water connection/drainage</b>   |                                |
| Cold water [number]  | 3 x 1/2" hose w/ 3/4" union    |
| Hot water [number]   | 1x 1/2" hose w/ 3/4" th. union |
| Hard water (optional) [number]   | 2 x 1/2" w/ 3/4" union         |
| Dump valve   | DN 70                          |
| <b>Dimensions and weight</b>   |                                |
| External dimensions, height in mm  | 1450                           |
| External dimensions, width in mm   | 924                            |
| External dimensions, depth in mm   | 935                            |
| External dimensions, gross height in mm  | 1585                           |
| External dimensions, gross width in mm   | 1090                           |
| External dimensions, gross depth in mm   | 1130                           |
| Net weight in kg   | 399,0                          |

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|  |                    |
|--|--------------------|
| Gross weight in kg                             | 419                |
| Maximum floor load in N/m <sup>2</sup>         | 5853               |
| <b>Emissions data</b>                          |                    |
| Emission sound pressure level in the workplace | 67 dB(A) re 20 µPa |
| Heat dissipation into the room in MJ/h         | 6,48               |
| <b>Features</b>                                |                    |
| Patented pre-spin                              | •                  |
| Cloth reprocessing                             | •                  |
| 3-dimensional imbalance monitoring             | •                  |
| Disinfection rinse                             | •                  |
| Efficient scoop-and-ladle ribs                 | •                  |
| EcoSpeed                                       | •                  |
| Spring-in-spring system                        | •                  |
| Temperature monitoring                         | •                  |
| Special heater element                         | •                  |
| Automatic load control+                        | •                  |
| Volumetric flow meter (optional)               | •                  |
| Weighing plinth (optional)                     | •                  |
| Add laundry                                    | •                  |
| Programme selection via colour frame           | •                  |
| Emergency switch-off                           | •                  |
| Machine-independent accessories                | •                  |
| <b>Efficiency and sustainability</b>           |                    |
| Recycling rate in %                            | 92                 |
| <b>Connection options</b>                      |                    |
| Payment system (optional)                      | •                  |
| Optical interface for service access           | •                  |
| Peak load cut-out/energy management (optional) | •                  |
| Water recovery (optional)                      | •                  |
| LAN  | •                  |
| WiFi   | •                  |
| Connector Box                                  | •                  |
| <b>Capacities</b>                              |                    |
| Respirator masks [number]                      | 15                 |
| Helmets [number]                               | 5                  |
| Overalls [number]                              | 3                  |
| Over jackets [number]                          | 5                  |
| Chemical protection suits [number]             | 2                  |
| Synthetic duvets [number]                      | 2                  |
| Synthetic pillows [number]                     | 4                  |
| Down duvets [number]                           | 2                  |
| Down pillows [number]                          | 4                  |
| Cloths, 22 g [number]                          | 456                |
| Cotton mops, 40 cm / 190 g [number]            | 106                |
| Cotton mops, 50 cm / 220 g [number]            | 91                 |
| Microfibre mops, 40 cm / 120 g [number]        | 167                |
| Microfibre mops, 50 cm / 170 g [number]        | 117                |
| Mops, office, 100 g [quantity]                 | 200                |
| Mops, stairway, 150 g [quantity]               | 130                |
| Summer horse blankets [number]                 | 3                  |

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