Miele

PWM 511 Mop Star [EL DV DD]

Professional washing machine, electric heating
and detergent drawer, M Touch Pro, for facility management.



- Drum volume 100 l, load capacity 11.0 kg
- Top cleaning and consumption values – innovative Miele technology
- Maximum user convenience with colour touch display – M Touch Pro
- Perfect spinning results – residual moisture 50 % *, g factor370
- Connected for the future using LAN and WiFi

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

EAN: 4002516431800 / Material number: 11776120 / Old Material Number: 51511010EU

Construction type and version	
Construction type	Front loader
Range	Performance
Front	Iron grey
Control panel colour	Stainless steel
Load ratio	1:9
Load in kg	11.0
Drum volume in l	100
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 facility management	•
Performance data	
Specific water consumption for cold water connection in l/kg	7.10
Specific energy consumption for cold water connection in kWh/kg	0.12
Specific water consumption for hot water connection in l/kg	6.90
Specific energy consumption for hot water connection in kWh/kg	0.03
Water consumption with cold water connection in l	78.4
Water consumption for cold water connection in Mops standard 60 °C programme in l	124.6
Energy consumption with cold water connection in kW	1.37
Energy consumption for cold water connection in Mops standard 60 °C programme in kWh	1.61
Programme duration in minutes with cold water connection	54
Water consumption with hot water connection in l	75.7
Water consumption for hot water connection in Mops standard 60 °C programme in l	124.4
Energy consumption with hot water connection in kW	0.32
Energy consumption for hot water connection in Mops standard 60 °C programme in kWh	0.20
Programme duration in minutes with cold water and hot water connection	49
Programme running time in minutes for Mops standard 60 °C programme with cold water connection	57
Programme running time in minutes for Mops standard 60 °C programme with hot water connection	45
Residual moisture with cold rinse in %	54
Residual moisture with hot rinse in %	50
Residual moisture when processing cleaning cloths in %	25
Spin speed in rpm	1100
g factor	370
Tested operating hours	30000

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Control system	
Control system	M Touch Pro
Programmability	programmable
Max. delay start in h	Freely selectable
Time left display	•
Programme sequence indicator	•
Selectable display languages	•
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
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
Dump valve	DN 70
Dimensions and weight	
External dimensions, height in mm	1020
External dimensions, width in mm	700
External dimensions, depth in mm	845
External dimensions, gross height in mm	1214
External dimensions, gross width in mm	750
External dimensions, gross depth in mm	917
Net weight in kg	148.0
Gross weight in kg	161
Maximum floor load in N	2577
Emissions data	
Emission sound pressure level in the workplace	61 dB(A) re 20 µPa
Heat dissipation into the room in MJ/h	2.80
Features	
Patented pre-spin	•
Cloth reprocessing	•
3-dimensional imbalance monitoring	•
Commercial shock absorbers	•
Disinfection rinse	•
Temperature monitoring	•
Special heater element	•
Automatic load control+	•
Flow meter	•
Add laundry	•

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Programme selection via colour frame	•
Efficient fast spin cycle	•
Machine-independent accessories	•
Efficiency	
Recycling rate in %	96
Connection options	
Payment system (optional)	•
Optical interface for service access	•
Peak-load negotiation / energy management (optional)	•
LAN	•
WiFi	•
Connector Box	•
Capacities	
Cloths, 22 g [number]	255
Cotton mops, 40 cm / 190 g [number]	58
Cotton mops, 50 cm / 220 g [number]	50
Microfibre mops, 40 cm / 120 g [number]	92
Microfibre mops, 50 cm / 170 g [number]	65
Standards, test certificates and symbols	
CE	•
VDE-EMC	•
VDE	•
Splash-proof safety rating IPX4	•
WEEE	•
Complies with Machinery Directive 2006/42/EC	•