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 I, load size 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

EAN: 4002516852490 / Material number: 12699110 / Old Material Number: 51511035GB

Construction type and version	
Construction type	Front loader
Range	Professional
Front	Iron grey
Control panel colour	Stainless steel
Maximum load with a load ratio of 1:9 in kg	11.0
Load ratio	1:9
Load in kg	11.0
Drum volume in I	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 I/kg	7.10
Specific energy consumption for cold water connection in kWh/kg	0.12
Specific water consumption for hot water connection in I/kg	6.90
Specific energy consumption for hot water connection in	0.03
kWh/kg	70.4
Water consumption with cold water connection in I	78.4
Energy consumption with cold water connection in kW	1.37
Programme duration in minutes with cold water connection	75.7
Water consumption with hot water connection in I Energy consumption with hot water connection in kW	0.32
Programme duration in minutes with cold water and hot water connection	49
Water consumption in ECO programme with cold water connection in I	67.8
Energy consumption in ECO programme with cold water	0.87
Programme duration in minutes with cold water connection in ECO programme	34
Water consumption in ECO programme with hot water connection in I	68.3
Energy consumption in ECO programme with hot water	0.13
Programme duration in minutes with cold water and hot water connection in ECO programme	33
Residual moisture with cold rinse in %	54
Residual moisture with hot rinse in %	50
Spin speed in rpm	1100
g factor	370
Tested operating hours	30000
Control system	
Control system	M Touch Pro
Programmability	programmable
Max. delay start in h	Freely selectable
-7	

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



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Programme sequence indicator Selectable display languages Standard/target grp programmes Basic programmes Programmes for facility management Dispensing Detergent drawer Flexible dispensing adapter (optional) Maximum number of connections for liquid dispenser pumps [number] Empty sensor Standard electrical connection Heating type Electrical connection Heating type Electrical connection Heater rating in kW 5.20 Total connected load in kW 5.50 Fuse rating in A 25 Water connection/drainage Cold water [number] Hot water [number] Tx 1/2" hose w/ 3/4" th. union Grey water (optional) [number] Dimposions and weight External dimensions, height in mm 1020 External dimensions, depth in mm 2xternal dimensions, gross height in mm 1214 External dimensions, gross skight in mm 1214 External dimensions g	Time left display	•
Standard/target grp programmes • Basic programmes • Programmes for facility management • Dispensing • Detergent drawer 3 compartments Flexible dispensing adapter (optional) • Maximum number of connections for liquid dispenser pumps [number] 6 Empty sensor • Standard electrical connection 1N AC 230V 50/60HZ Heater rating in kW 5.20 Total connected load in kW 5.50 Fuse rating in A 25 Water connection/drainage 1x 1/2* hose w/ 3/4* th. union Cold water [number] 1x 1/2* hose w/ 3/4* th. union Grey water (optional) [number] 1 x 1/2* hose w/ 3/4* th. union Grey water (optional) [number] 1 x 1/2* hose w/ 3/4* union Dump valve DN 70 Dimensions and weight External dimensions, height in mm External dimensions, gross width in mm 1020 External dimensions, gross height in mm 1214 External dimensions, gross beight in mm 1214 External dimensions, gross width in mm 750		•
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Flexible dispensing adapter (optional) Maximum number of connections for liquid dispenser pumps [number] Empty sensor Standard electrical connection Heating type Electrical connection Heater rating in kW 5.20 Total connected load in kW 5.50 Tuse rating in A 25 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" hose w/ 3/4" th. union Grey water (optional) [number] 1 x 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 704 External dimensions, gross height in mm 1214 External dimensions, gross height in mm 917 Net weight in kg 148.0 Gross 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 • Disinfection rinse • Temperature monitoring • Dentand of the processing • Fent patent processing • Fent patent processing • John Disinfection rinse • Temperature monitoring • Patent programme selection via colour frame •	Dispensing	
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Heating type Electric Electrical connection 1N AC 230V 50/60HZ Heater rating in kW 5.20 Total connected load in kW 5.50 Fuse rating in A 25 Water connection/drainage 1x 1/2" hose w/ 3/4" th. union Cold 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 External dimensions, width in mm 704 External dimensions, depth in mm 818 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 161 Maximum floor load in N 2577 Emissions data 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 • <td></td> <td>•</td>		•
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Total connected load in kW Fuse rating in A Water connection/drainage Cold water [number] Ix 1/2" hose w/ 3/4" th. union Hot water [number] Ix 1/2" hose w/ 3/4" th. union Grey water (optional) [number] Ix 1/2" w/ 3/4" union Dump valve Dimensions and weight External dimensions, height in mm External dimensions, width in mm External dimensions, gross height in mm External dimensions, gross height in mm External dimensions, gross width in mm External dimensions, gross width in mm 750 External dimensions, gross depth in mm 917 Net weight in kg Gross weight in kg Gross 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 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 \$\text{\$\text{\$0}\$}\$ Commercial shock absorbers Disinfection rinse Temperature monitoring \$\text{\$\text{\$0}\$}\$ Perogramme selection via colour frame	Heater rating in kW	5.20
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Cold water [number] 1x 1/2" hose w/ 3/4" th. union Hot water [number] 1x 1/2" hose w/ 3/4" th. union 1x 1/2" www 3/4" th. union 1x 1/2" www 3/4" th. 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 818 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 Emissions data Emission sound pressure level in the workplace 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 1- Temperature monitoring Special heater element Automatic load control+ Flow meter Add laundry Programme selection via colour frame	Fuse rating in A	25
Hot water [number] union Grey water (optional) [number] 1 x 1/2" hose w/ 3/4" th. union Dump valve DN 70 Dimensions and weight DN 70 External dimensions, height in mm 1020 External dimensions, width in mm 704 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 2577 Emission sound pressure level in the workplace 61 dB(A) re 20 μPa Heat dissipation into the room in MJ/h 2.80 Features 9 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	Water connection/drainage	
Grey water (optional) [number] 1 x 1/2" w/ 3/4" union Dump valve DN 70 Dimensions and weight 1020 External dimensions, height in mm 1020 External dimensions, width in mm 704 External dimensions, depth in mm 818 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 2577 Emission sound pressure level in the workplace 61 dB(A) re 20 μPa Heat dissipation into the room in MJ/h 2.80 Features 2 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 <td>Cold water [number]</td> <td></td>	Cold water [number]	
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External dimensions, width in mm External dimensions, depth in mm External dimensions, gross height in mm External dimensions, gross height in mm External dimensions, gross width in mm External dimensions, gross width in mm T50 External dimensions, gross depth in mm T50 External dimensions, gross depth in mm T60 External dimensions, gross depth in mm T70 External dimensions, gross width in mm T70 External dimensions, gross width in mm T60 External dimensions, gross width in mm T70 External dimensions, gross width in mm T60 External dimensions, gross height in mm T60 External dimensions, gross depth in mm T60 External dimensions, gross depth in mm T60 148.0 148.0 148.0 148.0 148.0 148.0 161 161 148.0 161 161 161 161 161 161 161 1	Dimensions and weight	
External dimensions, depth in mm 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 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 Programme selection via colour frame	External dimensions, height in mm	1020
External dimensions, gross height in mm External dimensions, gross width in mm External dimensions, gross width in mm External dimensions, gross depth in mm P17 Net weight in kg Gross weight in kg 161 Maximum floor load in N Emissions data Emission sound pressure level in the workplace Heat dissipation into the room in MJ/h Eatures 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 Programme selection via colour frame	External dimensions, width in mm	704
External dimensions, gross width in mm 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 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 Programme selection via colour frame	External dimensions, depth in mm	818
External dimensions, gross depth in mm Net weight in kg Gross 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 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 Programme selection via colour frame	External dimensions, gross height in mm	1214
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 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 • Programme selection via colour frame •	External dimensions, gross width in mm	750
Gross weight in kg Maximum floor load in N Emissions data Emission sound pressure level in the workplace Heat dissipation into the room in MJ/h Patures 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 Programme selection via colour frame	External dimensions, gross depth in mm	917
Maximum floor load in N 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 Programme selection via colour frame	Net weight in kg	148.0
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 Programme selection via colour frame	Gross weight in kg	161
Emission sound pressure level in the workplace Heat dissipation into the room in MJ/h Peatures 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 Programme selection via colour frame 61 dB(A) re 20 µPa 2.80 62 63 dB(A) re 20 µPa 64 65 dB(A) re 20 µPa 66 dB(A) re 20 µPa 67 68 69 69 60 60 60 60 60 60 60 60	Maximum floor load in N	2577
Heat dissipation into the room in MJ/h 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 Programme selection via colour frame	Emissions data	
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 Programme selection via colour frame	Emission sound pressure level in the workplace	61 dB(A) re 20 μPa
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 Programme selection via colour frame	Heat dissipation into the room in MJ/h	2.80
Cloth reprocessing 3-dimensional imbalance monitoring Commercial shock absorbers Disinfection rinse Temperature monitoring Special heater element Automatic load control+ Flow meter Add laundry Programme selection via colour frame		
3-dimensional imbalance monitoring Commercial shock absorbers Disinfection rinse Temperature monitoring Special heater element Automatic load control+ Flow meter Add laundry Programme selection via colour frame	Patented pre-spin	•
Commercial shock absorbers Disinfection rinse Temperature monitoring Special heater element Automatic load control+ Flow meter Add laundry Programme selection via colour frame	Cloth reprocessing	•
Disinfection rinse Temperature monitoring Special heater element Automatic load control+ Flow meter Add laundry Programme selection via colour frame	3-dimensional imbalance monitoring	<u>•</u>
Temperature monitoring Special heater element Automatic load control+ Flow meter Add laundry Programme selection via colour frame •	Commercial shock absorbers	<u>•</u>
Special heater element Automatic load control+ Flow meter Add laundry Programme selection via colour frame	Disinfection rinse	
Automatic load control+ Flow meter Add laundry Programme selection via colour frame •	- · · · · · · · · · · · · · · · · · · ·	
Flow meter Add laundry Programme selection via colour frame • • • • • • • • • • • • • • • • • •	· ·	
Add laundry Programme selection via colour frame • •		
Programme selection via colour frame •	Flow meter	
Efficient fast spin cycle		
	Efficient fast spin cycle	



PWM 511 Mop Star [EL DV DD] Professional washing machine, electric heating and detergent drawer, M Touch Pro, for facility management.



EAN: 4002516852490 / Material number: 12699110 / Old Material Number: 51511035GB

Machine-independent accessories	•
Efficiency and sustainability	
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	
Synthetic duvets [number]	1
Synthetic pillows [number]	2
Down duvets [number]	1
Down pillows [number]	2
Standards, test certificates and symbols	
CE	•
VDE-EMC	•
VDE	•
Splash-proof safety rating IPX4	•
WRAS	•
UKCA	•
WEEE	•
Complies with Machinery Directive 2006/42/EC	•