Miele

PWM 511 [EL DV DD]

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



- Drum volume 3.53 (100) ft³ (l), load size 25 (11.0) lb (kg)
- 14% less water consumption and 50% less energy consumption*
- Maximum user convenience with touch color display – M Touch Pro
- Perfect spinning results – residual moisture 50 %**, g-factor370
- Connected for the future using LAN and WiFi

* Based on the Cottons program with a hot water connection, compared to the predecessor model.

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

EAN: 4002516664581 / Material number: 12271870 /
Old Material Number: 51511021NAM

Construction type and design	
Design	Front loader
Product line	Performance
Front	Iron Grey
Control panel color	Stainless Steel
Load ratio	1:9
Load in lbs	25 (11.0)
Drum volume in cubic feet (l)	3.53 (100)
Door opening [Ø] in in.(mm)	14 5/8 (370)
Door opening angle in degrees	180
Door hinging	right
Automatic door lock	•
Maintenance-free synchronous motor	•
Stainless steel honeycomb drum	•
Application	
Suitable for hotels and restaurants	•
Suitable for senior living facilities	•
Suitable for commercial laundries	•
Suitable for small businesses	•
Suitable for hospitals	•
Suitable for sports clubs	•
Suitable for beauty salons, spas, and fitness centers	•
Suitable for the petrochemical industry	•
Suitable for amusement parks and holiday complexes	•
Performance data	
Tested virucidal efficacy	•
Proven hygiene	•
Specific water consumption for cold water connection in l/kg	7.30
Specific energy consumption for cold water connection in kWh/lb	0.14
Specific water consumption for hot water connection in l/kg	6.90
Specific energy consumption for hot water connection in kWh/lb	0.03
Water consumption for cold water connection in l	78.4
Water consumption for cold water connection in Mops standard program in gal	126.2
Energy consumption for cold water connection in kWh	1.57
Energy consumption for cold water connection in Mops standard program in kWh	2.17
Program duration in minutes with cold water connection	54
Water consumption for hot water connection in l	75.7
Energy consumption for hot water connection in kW	0.32
Energy consumption for hot water connection in Mops standard program in kWh	0.97
Program duration in minutes with hot water connection	49
Water consumption in ECO program for cold water connection in l	67.8

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Energy consumption in ECO program for cold water connection in kWh	0.87
Program duration in minutes for ECO program with cold water connection	34
Water consumption in ECO program for hot water connection in l	68.3
Energy consumption in ECO program for hot water connection in kWh	0.14
Program duration in minutes for ECO program with hot water connection	32
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	
Control system	M Touch Pro
Programmability	programmable
Max. delay start in h	Can be selected freely
Countdown indicator	•
Program sequence indicator	•
Choice of display language	•
Dispensing	
Detergent dispenser drawer	3 compartments
Flexible dispensing adapter (option)	•
Maximum number of connections for liquid dispenser pumps [number]	6
Empty sensor	•
Standard electrical connection	
Type of heating	Electric
Electrical connection	208/240V 60HZ 1 PH
Heater rating in kW	5.00
Total connected load in kW	5.20
Fuse rating in A	30
NEMA plug: Twist Lock L6-30	•
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, net height in inches	40 3/16 (1020)
External dimensions, net width in inches	27 9/16 (700)
External dimensions, net depth in inches	33 5/16 (845)
External dimensions, gross height in inches	47 13/16 (1214)
External dimensions, gross width in inches	29 9/16 (750)
External dimensions, gross depth in inches	36 1/8 (917)
Net weight in lbs.(kg)	360 (163.0)
Gross weight in lbs.	386 (175)

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Maximum floor load in N	2724
Emission values	
Emissions – sound pressure at workplace	61 dB(A) re 20 µPa
Heat dissipation into the room in MJ/h	2.80
Features	
3-dimensional imbalance monitoring	•
Disinfection rinse	•
Temperature monitoring	•
Special heater element	•
Automatic load control Plus	•
Volumetric flow meter	•
Add laundry	•
Program selection via color frame	•
Appliance-independent accessories	•
Efficiency	
Recycling rate in %	96
Connection options	
Optical interface for service access	•
Peak-load negotiation / energy management (optional)	•
LAN	•
WiFi	•
Connector Box	•
Capacities	
Synthetic duvets [number]	1
Synthetic pillows [number]	2
Feather duvets [number]	1
Feather pillows [number]	2
Standards, test certificates, and symbols	
Splash protection IPX4	•
c ETL US	•
Complies with Machinery Directive 2006/42/EC	•