

primus®

MOP WASH CZ MACHINES

JUNE 2020



TESTED AND CERTIFIED
BY EXPERTS FOR
DISINFECTION AT 40°C¹

¹99,9999 % reduction of *Escherichia coli* K12 NCTC 10538, *Staphylococcus aureus* ATCC 6538, *Salmonella enterica* ATCC 13076, *Candida albicans* ATCC 10231, *Aspergillus brasiliensis* ATCC 16404 in the mop washing program "Mop washing program for main wash temperature 40° C" with "Eltra 40 extra" laundry detergent and a load size of 7.5 kg - investigation MB 1880/19 dated April 16, 2020 conducted by wfk-Institut für Angewandte Forschung GmbH commissioned by Alliance Laundry CE s.r.o..



GET AHEAD IN LAUNDRY ➡

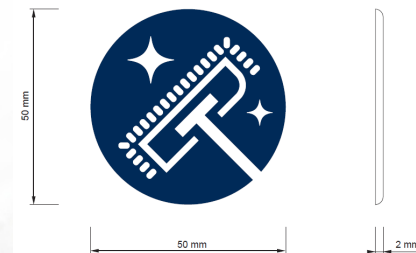


LEVEL 2.0

Mop Wash - Overview

- Product category: CZ softmounts
- Capacities: 65 – 80 – 105 – 135 – 240 – 280 L
- Specialty: 9 special mop wash programs (+20 standard pre-set)
- Extra logo: Yes
- Extra accessory available*: Dirt collector v1.0 (behind) / Dirt collector v2.0 (under)
- Launch: February 2020
- Limited load ratio for washing mop heads

Blue version of Mop logo



Mop Wash - Package

- Approvals: CE; CE+EAC; CE+Watermark; CE+WRAS; No certification
- Actuation: OPL only
- Control: Xcontrol+
- Heating: all available
- Voltage: all available
- G factor: 400 G only
- Water & drain: 2x water inlets and 1x drain (only)
- Extra standard: USB + RS485 plug on rear panel
- Drum perforation: 3,5mm only (standard perforation)

Programs

- 20 standard pre-set programs + 9 tailored to mop heads wash (2 tested by WFK, 1 according to RKI)
- Mop programs created in collaboration with experts on mop segment with 8 years of experience
- Focused on high wash quality
- Covering from new mop heads wash, through light soiled ones up to disinfection cycles (following RKI (Robert Koch Institute) standards)
- 2 programs tested and certified by WFK
 - ▶ Mop Disinfection 60°C
 - ▶ Mop Disinfection 40°C
- Functions with default ON:
 - ✓ Wait for temperature
 - ✓ Heating 100% time
 - ✓ Cool down

Programs

	POSITION	NAME	TEMP	DESCRIPTION	PRE-WASH	MAIN WASH	RINSES	WFK TEST	CONSUMPTION	TOTAL TIME
	#1	New Mop / Rags 90°C	90°C	Short wash for new mop heads before first use	--	10 min	2x			
	#2	Mop Normal 60°C	60°C	Light soiled mop heads and rags	1x	15 min	2x			
	#3	Mop Intensive 60°C	60°C	Heavier soiled mop heads and rags	2x	20 min	2x			
ADJ ▶	#4	Mop Desinfection 60°C	63°C	Thermo disinfection	2x	20 min	2x	X	80,7 L/cycle 3,31 kWh	95 min
	#5	Mop Normal 40°C	40°C	Light soiled mop heads and rags	1x	15 min	2x			
	#6	Mop Intensive 40°C	40°C	Heavier soiled mop heads and rags	2x	20 min	2x			
ADJ ▶	#7	Mop Desinfection 40°C	43°C	Thermo disinfection	2x	20 min	2x	X	80,5 L/cycle 1,84 kWh	81,75 min
NEW ▶	#8	RKI 60°C	63°C	Program following RKI standards	--	20 min	2x			
NEW ▶	#9	Wash Off	40°C	Clean off the drum	--	4,5 min	--			

	Mop Micro Cotton	140g 6 pcs / kg 840g / kg 5 pcs / kg	Mop load max				Water main wash	
			STD cap	= > pcs	=> g	=> kg	ratio 1:5	water level
MAX (theoretical)	FX65		6,5	39	5460	5,46	-> 27,3	19
	FX80		7,5	45	6300	6,3	-> 31,5	20
	FX105		10,5	63	8820	8,82	-> 44,1	24
	FX135		13,5	81	11340	11,34	-> 56,7	24-25
	FX180		18	108	15120	15,12	-> 75,6	29
	FX240		24	144	20160	20,16	-> 100,8	29
	FX280		28	168	23520	23,52	-> 117,6	30
CALCULATION (max water level limits)	FX65		6,5	39	5460	5,46	-> 27,3	19
	FX80		7,5	45	6300	6,3	-> 31,5	20
	FX105		10,5	63	8820	8,82	-> 44,1	24
	FX135		13,5	81	11340	11,34	-> 56,7	25
	FX180		18	89,28571	12500	12,5	-> 62,5	25
	FX240		24	118,5714	16600	16,6	-> 83	25
	FX280		28	128,5714	18000	18	-> 90	25
FINAL (with max real load)	FX65		6,5	39	5460	5,46	-> 27,3	19
	FX80		7,5	45	6300	6,3	-> 31,5	20
	FX105		10,5	63	8820	8,82	-> 44,1	24
	FX135		13,5	81	11340	11,34	-> 56,7	25
	FX180		18	90	12500	12,5	-> 62,5	25
	FX240		24	118	16600	16,6	-> 83	25
	FX280		28	128	18000	18	-> 90	25

Water Level & Max Load

Water level shouldn't reach so high water level -> reduction to max 25 (followed by reduced max allowed load of mop heads)

Max Load	
39 pcs	5,5 kg
45 pcs	6,3 kg
63 pcs	8,8 kg
81 pcs	11,3 kg
90 pcs	12,5 kg
118 pcs	16,6 kg
128 pcs	18,0 kg

Capacity – Comparison

(in pieces)	Electrolux*	Miele**	Primus (acc 140g)
FX65	43	33 / 54	39
FX80	50	42 / 66	45
FX105	70	53 / 80	63
FX135	85	68 / 100	81
FX180	120	84 / 130 (16kg)	90
FX240	160	126 / 200	118
FX280	200 (30kg)	168 / 260 (32kg)	128

(in pieces)	Electrolux	Primus	Diff
FX65	43 * 100 = 4.300 = 4,3 kg	39 * 140 = 5.460 = 5,5 kg	+ 1,2 kg (+28%)
FX80	50 * 100 = 5.000 = 5,0 kg	45 * 140 = 6.300 = 6,3 kg	+ 1,3 kg (+26%)
FX105	70 * 100 = 7.000 = 7,0 kg	63 * 140 = 8.820 = 8,8 kg	+ 1,8 kg (+26%)
FX135	85 * 100 = 8.500 = 8,5 kg	81 * 140 = 11.340 = 11,3 kg	+ 2,8 kg (+ 33%)
FX180	120 * 100 = 12.000 = 12,0 kg	90 * 140 = 12.600 = 12,6 kg	+ 0,6 kg (+ 5%)
FX240	160 * 100 = 16.000 = 16,0 kg	118 * 140 = 16.520 = 16,5 kg	+ 0,5 kg (+ 3%)
FX280	200 (30kg) * 100 = 20.000 = 20,0 kg	128 * 140 = 17.920 = 17,9 kg	--

* Max capacity – dry weight of mop head 100g, load ratio 1:15

** For cotton 40cm / microfibre 40cm

WFK Test

Tested machines: FX80 (version Mop 2.0 incl. integrated dirt collector in base frame)

Conditions:

Test leg	Test machine	Dosage powder laundry detergent	Washing program	Load composition	Loading capacity/number of washes
1	FX80 8kg (20 lb)	8 g/l Eltra 40 Extra (Ecolab)	Mop washing program for main wash temperature 40 °C	51 flat washmops + biomonitors + 8 wfk-SBL 2004	7.5 kg / 3 wash cycles
2		6 g/l Mop Eltra (Ecolab)	Mop washing program for main wash temperature 60 °C	51 flat washmops + biomonitors + 8 wfk-SBL 2004	7.5 kg / 3 wash cycles



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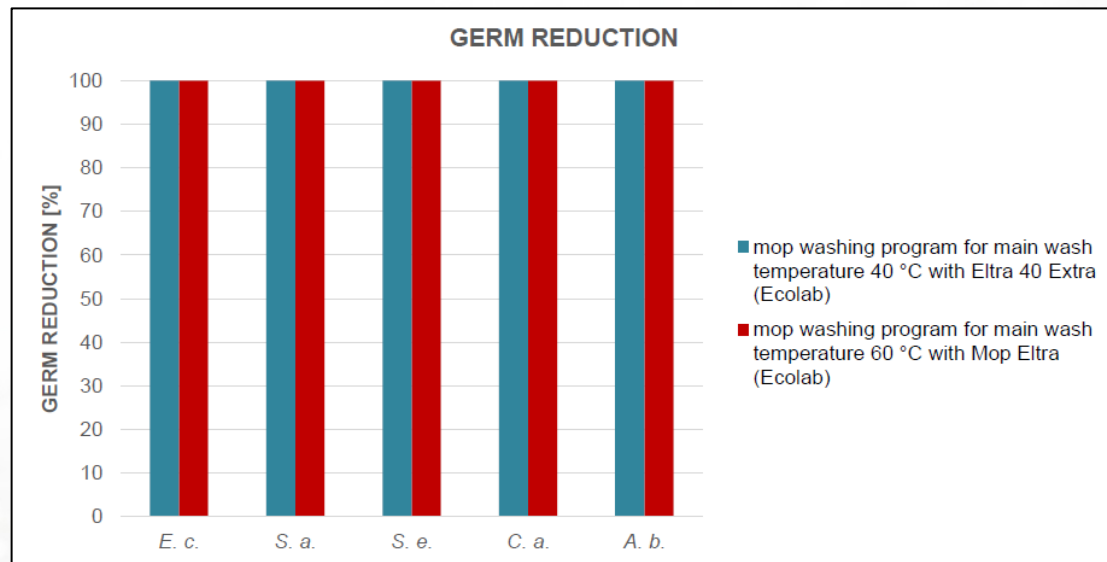
Tested mop type: Vermop Art.-Nr. 4940 SPRINT PLUS BASIC

Test organisms

- *Escherichia coli* (E. coli K12 NTC 10538)
- *Staphylococcus aureus* (S. aureus ATCC 6538)
- *Salmonella enterica* (S. enterica TCC 13076)
- *Candida albicans* (C.albicans ATCC 10231)
- *Aspergillus brasiliensis* (A. brasiliensis ATCC 16404)

WFK Test

Result*: Achieved perfect germ reduction result >99,9999% for both tested wash programs (Mop disinfection 60°C & Mop disinfection 40°C)



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E.c. = Escherichia coli (E. coli K12 NTC 10538)
S.a. = Staphylococcus aureus (S. aureus ATCC 6538)
S.e. = Salmonella enterica (S. enterica ATCC 13076)
C.a. = Candida albicans (C.albicans ATCC 10231)
A.b.= Aspergillus brasiliensis (A. brasiliensis ATCC 16404)

* The results are only valid for the investigated products or procedures and their qualities at the time of the investigation as well as for the adjusted test conditions as ordered



Accessories: Dirt Collector, 1.0 Dirt Collector 2.0

Dirt Collector 1.0

- Optionally can be requested dirt collector behind machines
- To combine with the collector it's required a base frame (200 mm height) than can be ordered

Base frame part numbers: Dirt collector part numbers:

For 65L = 551901

For 80L = 547716

For 65-80L = 570845

For 105L = 547725

For 135L = 547734

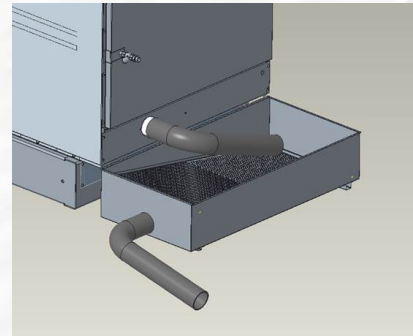
For 105-135L = 570846

For 180L = 551935

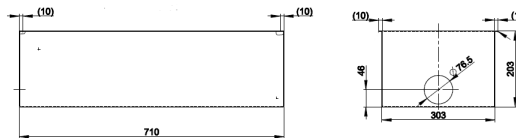
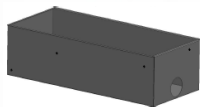
For 240L = 551950

For 280L = 553569

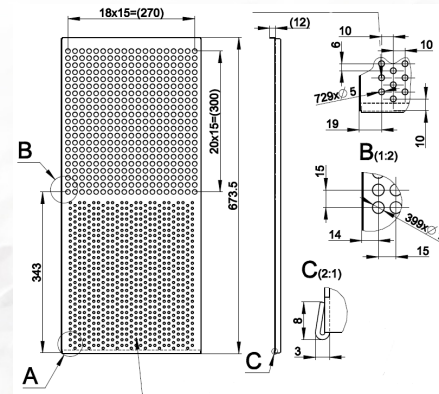
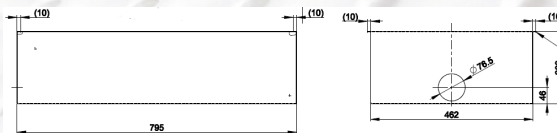
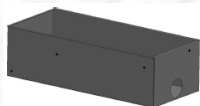
For 180-280L = 570847



- **For capacity 65-80 L:**
Dimensions: 203 x 710 x 303 mm (HxWxD)



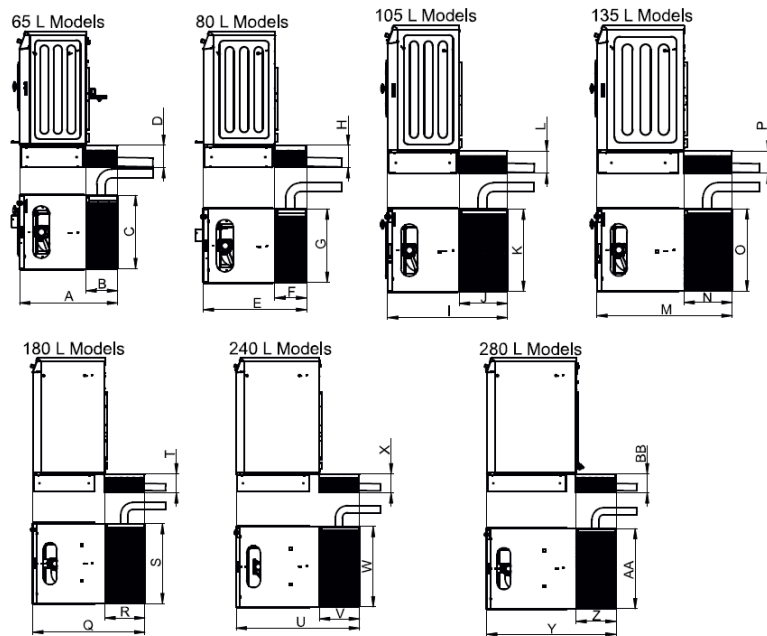
- For capacity 105-135 L:
Dimensions: 203 x 795 x 452 mm (HxWxD)



(drawings for 65-80L)



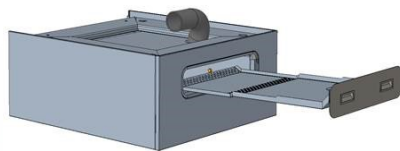
Dirt Collector 1.0 (detailed dims)



CF5650N_SVG

Specification	in. [mm]
A	37.40 [950]
B	12.09 [307]
C	27.95 [710]
D	8.43 [214]
E	39.37 [1000]
F	12.09 [307]
G	27.95 [710]
H	8.43 [214]
I	45.63 [1159]
J	18.39 [467]
K	31.30 [795]
L	8.43 [214]
M	51.54 [1309]
N	18.39 [467]
O	31.30 [795]
P	8.43 [214]
Q	53.43 [1357]
R	19.09 [485]
S	38.19 [970]
T	8.98 [228]
U	58.74 [1492]
V	19.09 [485]
W	38.19 [970]
X	8.98 [228]
Y	61.69 [1567]
Z	19.09 [485]
AA	38.19 [970]
BB	8.98 [228]

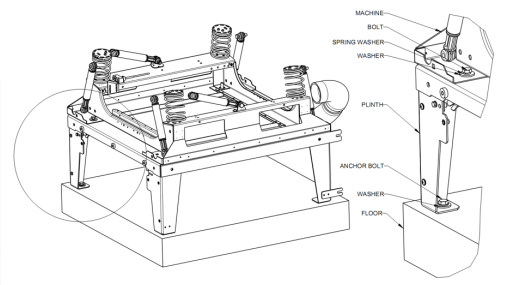
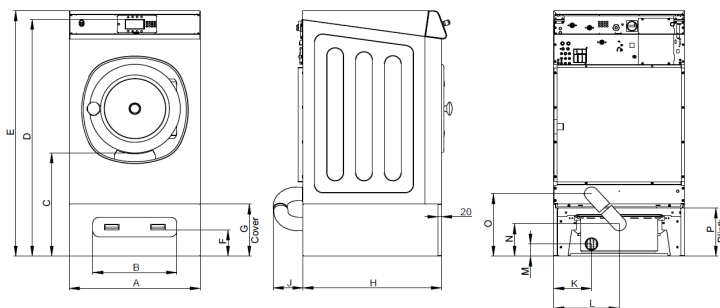
Dirt Collector 2.0



PART NUMBER	DESCRIPTION
574827	For 65L machines – inox
574828	For 80L machines – inox
574829	For 105L machines – inox
574830	For 135L machines – inox
574831	For 180L machines – inox
574832	For 240L machines – inox
574833	For 280L machines – inox

Dirt collectors will be available only via Accessories
Part number valid for all available brands

Dirt Collector 2.0 (detailed dims)



	6.5kg/ 14lb. 65L (mm)	7.5kg / 20lb. /80L (mm)	10.5kg/ 25lb. 105L (mm)	13.5kg / 30lb. /135L (mm)	18kg / 40lb. / 180L (mm)	24kg / 55lb. / 240L (mm)	28kg / 70lb. / 280 L (mm)
A	710	710	795	795	970	970	970
B	416	416	510	510	640	640	640
C	650	650	642	642	777	777	777
D	1358	1358	1468	1468	1654	1654	1654
E	1414	1414	1524	1524	1710	1710	1710
F				162	162	162	162
G				323	323	323	323
H	642	692	692	840	869	1004	1079
I	258	209	289	180	275	180	180
J	230	230	230	230	270	270	270
K	355	355	398	398	485	485	485
L	76	76	76	76	76	76	76
M	200	200	200	200	200	200	200
N	388	388	388	388	408	408	408
O	299	299	299	299	300	300	300

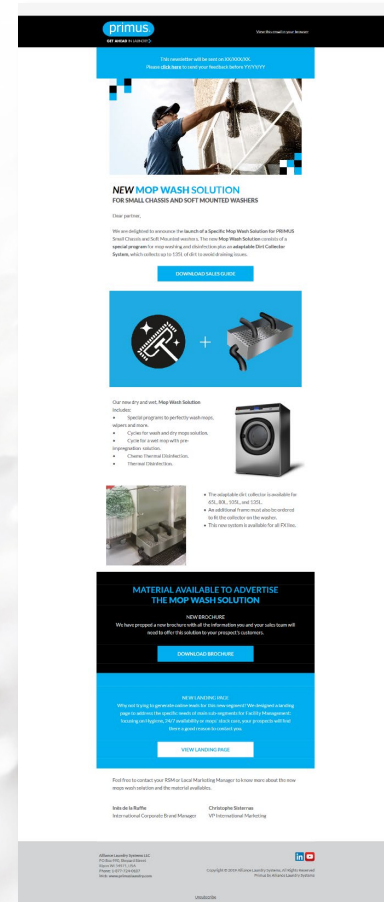


MARKETING

Mops wash solution

- Newsletter
- Sales guide
- [Segment brochure](#)
- [Landing page](#)

[Access all assets](#)



Mops wash solution - campaign

- Primus Facility Management
- With 3 targets and offers in one landing page
- 2 CTAs: contact + download brochure

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