

HPT

LINHKIENBEP.COM.VN



LINH KIỆN LÒ COMBI

2018



electric accessories

plugs - couplings - power sockets

protective contact plugs



fig.	plug type	contacts	max. (A)	max (V)	material
1	SEV1011 type 12	P+N+E	10	250	AR
1	SEV1011 type 23	P+N+E	16	250	AR

technical data:
countries CH



fig.	plug type	contacts	max. (A)	max (V)	material
2	SEV1011 type 15	3P+N+E	10	250/400	PA
2	SEV1011 type 25	3P+N+E	16	250/400	PA

technical data:
countries CH



fig.	plug type	contacts	max. (A)	max (V)	material
3	SEV1011 type 15	3P+N+E	10	250/400	AR
3	SEV1011 type 25	3P+N+E	16	250/400	AR

technical data:
countries CH



fig.	plug type	contacts	max. (A)	max (V)	material
4	SEV1011 type 23	P+N+E	16	250	AR

technical data:
countries CH



fig.	plug type	contacts	max. (A)	max (V)	material
5	SEV6534 Typ 12	P+N+E	10	250	AR

technical data:
countries CH

PERILEX plugs



fig.	contacts	max. (A)	max (V)	countries	
1	550206	3P+N+E	16	250/400	D
2	550208	3P+N+E	25	250/400	D



fig.	contacts	max. (A)	max (V)	countries	
3	550205	3P+N+E	16	250/400	D
4	550217	3P+N+E	16	250/400	D

CEE plugs



fig.	NP (-pole)	contacts	max. (A)	max (V)	protection	clamps (mm ²)	
1	551125	7	5P+N+E	32	400	IP44	2.5-6.0
2	551180	5	3P+N+E	32	400	IP44	2.5-6.0
3	551175	7	5P+N+E	32	400	IP44	2.5-6.0

CEE plugs with cable



fig.	NP (-pole)	contacts	max. (A)	max (V)	CS (mm ²)	CL (m)	
1	551200	3	P+N+E	16	230	2.5	2



fig.	NP (-pole)	contacts	max. (A)	max (V)	CS (mm ²)	CL (m)	
2	551208	3	P+N+E	32	230	4	2



fig.	NP (-pole)	contacts	max. (A)	max (V)	CS (mm ²)	CL (m)	
3	551201	5	3P+N+E	16	400	2.5	2

CEE plugs with phase inverter



fig.	NP (-pole)	contacts	max. (A)	max (V)	protection	clamps (mm ²)	
1	550267	5	3P+N+E	16	400	IP44	1.0-2.5
1	550523	5	3P+N+E	32	400	IP44	2.5-6.0
2	551205	5	3P+N+E	16	400	IP44	1.0-2.5
2	551206	5	3P+N+E	32	400	IP44	2.5-6.0

CEE connectors



fig.	NP (-pole)	contacts	max. (A)	max (V)	protection	clamps (mm ²)	
1	550520	3	P+N+E	16	230	IP44	1.0-2.5
1	551096	3	P+N+E	32	230	IP44	2.5-6.0
2	551187	3	P+N+E	16	230	IP44	1.0-2.5
2	551207	3	P+N+E	32	230	IP44	2.5-6.0
3	550215	5	3P+N+E	16	400	IP44	1.0-2.5
3	550521	5	3P+N+E	32	400	IP44	2.5-6.0



fig.	NP (-pole)	contacts	max. (A)	max (V)	protection	clamps (mm ²)	
4	551197	5	3P+N+E	16	400	IP44	1.0-2.5
4	551183	5	3P+N+E	32	400	IP44	2.5-6.0
5	551126	7	5P+N+E	32	415	IP44	2.5-6.0

CEE sockets



fig.	NP (-pole)	contacts	max. (A)	max (V)	
1	551181	3	P+N+E	16	230
2	551182	5	3P+N+E	16	400
3	551186	5	3P+N+E	32	400



fig.	NP (-pole)	contacts	max. (A)	max (V)	
4	550218	3	P+N+E	16	230
5	550263	5	3P+N+E	16	400
6	550248	5	3P+N+E	32	400



fig.	NP (-pole)	contacts	max. (A)	max (V)	
7	550265	3	P+N+E	16	230
8	551177	3	P+N+E	16	230
9	550264	5	3P+N+E	16	400
9	550522	5	3P+N+E	32	400



fig.	NP (-pole)	contacts	max. (A)	max (V)	
10	550266 ¹	5	3P+N+E	16	400
11	551178	5	3P+N+E	16	400
11	551179	5	3P+N+E	32	400

¹incl. protective contact socket P+N+E, 16A/230V

cables

PVC cable



technical data:

colour white
conductor copper wire
insulation PVC

permanent temperature 70°C
maximum temperature 70°C
rated voltage 300/500V
test voltage 2000V

pos.	NP (-pole)	CS (mm ²)	L (mm)	pos.	GEV No.	NP (-pole)	CS (mm ²)	L (mm)	
1	550220	5	1.5	3	550222	5	2.5	1500	
2	550221	5	1.5	3000	4	550223	5	2.5	3000



rubber cables



technical data:

type H07 RN-F
colour black
maximum temperature 60°C
insulation rubber

rated voltage 450V
test voltage 2500V
permanent temperature -25°C up to +60°C

pos.	CS (mm ²)	NP (-pole)	Qty (m)	pos.	CS (mm ²)	NP (-pole)	Qty (m)		
1	551172	1.5	3	25	9	551210	4	3	25
2	551143	1.5	3	50	10	551209	4	3	50
3	551171	2.5	3	25	11	551150	4	5	10
4	551144	2.5	3	50	12	551148	4	5	25
5	551189	2.5	5	10	13	551146	4	5	50
6	551170	2.5	5	25	14	551151	6	5	10
7	551145	2.5	5	50	15	551149	6	5	25
8	551211	4	3	10	16	551147	6	5	50

silicone cable

up to 180°C



technical data:

insulation silicone
colour red
permanent temperature -60 up to +180°C

maximum temperature 230°C
conductor copper
rated voltage 300/500V
test voltage 2000V

pos.	NP (-pole)	CS (mm ²)	Qty (m)	pos.	GEV No.	NP (-pole)	CS (mm ²)	Qty (m)	
1	550065	3	1.5	25	6	570066	5	1.5	100
2	570065	3	1.5	100	7	550067	5	2.5	25
3	550064	3	2.5	25	8	570067	5	2.5	100
4	570064	3	2.5	100	9	550068	5	4	25
5	550066	5	1.5	25	10	570068	5	4	100

PUR cable



technical data:

type H07BQ-F
colour orange
maximum temperature 90°C
insulation polyurethane

rated voltage 450V
test voltage 2000V
permanent temperature -40°C up to +90°C

pos.	CS (mm ²)	NP (-pole)	Qty (m)	pos.	CS (mm ²)	NP (-pole)	Qty (m)		
1	551169	1.5	3	25	11	551158	4	5	10
2	551152	1.5	3	50	12	551157	4	5	25
3	551168	2.5	3	25	13	551154	4	5	50
4	551153	2.5	3	50	14	551160	6	5	10
5	551190	2.5	5	10	15	551159	6	5	25
6	551165	2.5	5	25	16	551155	6	5	50
7	551164	2.5	5	50	17	551162	6	7	10
8	551167	4	3	10	18	551161	6	7	25
9	551166	4	3	25	19	551156	6	7	50
10	551163	4	3	50					

auxiliary gas parts

gas hoses

with plug-in coupling

gas socket outlets



technical data:

standard DIN 3383

operation pressure 0.4bar
ambient temperature max. 70°C

fig.	connection	L1 (mm)	L2 (mm)	version	
1	520361	1/2"	14.5	50	with therm. safety valve
2	520362	1/2"	15	88	with therm. safety valve

DIN 3384 with DVGW approval



technical data:

material SS-reinforced/strip-wound
hose connector 1/2" IT

operation pressure 0.1bar
ambient temperature max. 70°C

pos.	L (mm)	pos.	L (mm)	pos.	L (mm)			
1	520366	800	3	520368	1250	5	520867	2000
2	520367	1000	4	520369	1500	6	520884	2500

CE approval to DIN 3383-1 EN 14800



technical data:

version with plug-in coupling

material braided
connector 1/2" IT

pos.	standard	L (mm)	pos.	standard	L (mm)		
1	520919	-	2500	5	520855	EN 14800	1250
2	520799	EN 14800	500	6	520856	EN 14800	1500
3	520837	EN 14800	750	7	520899	EN 14800	2000
4	520839	EN 14800	1000				



CE approval to DIN 3383-1 EN 14800



technical data:
material braided standard EN 14800

fig.	L (mm)	connector	NS
1 250063	500	1/2" IT - 1/2" ET	DN12
1 250064	750	1/2" IT - 1/2" ET	DN12
1 250065	1000	1/2" IT - 1/2" ET	DN12
1 250066	1250	1/2" IT - 1/2" ET	DN12
1 250067	1500	1/2" IT - 1/2" ET	DN12
1 250068	1750	1/2" IT - 1/2" ET	DN12
1 250069	2000	1/2" IT - 1/2" ET	DN12



technical data:
material braided standard EN 14800

fig.	L (mm)	connector	NS
1 250059	500	1/2" IT - 1/2" IT	DN12
1 250060	750	1/2" IT - 1/2" IT	DN12
1 250056	1000	1/2" IT - 1/2" IT	DN12
1 250061	1250	1/2" IT - 1/2" IT	DN12
1 250057	1500	1/2" IT - 1/2" IT	DN12
1 250062	1750	1/2" IT - 1/2" IT	DN12
1 250058	2000	1/2" IT - 1/2" IT	DN12

NF D36-123



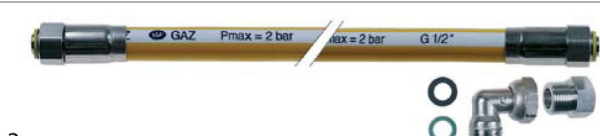
technical data:
material flex hose plastic-coated pressure max 2bar

fig.	L (mm)	connector	version	NS
1 250017	500	1/2" IT - 1/2" IT	with Viton gasket	DN15
1 250018	750	1/2" IT - 1/2" IT	with Viton gasket	DN15
1 250019	1000	1/2" IT - 1/2" IT	with Viton gasket	DN15
1 250020	1250	1/2" IT - 1/2" IT	with Viton gasket	DN15
1 250021	1500	1/2" IT - 1/2" IT	with Viton gasket	DN15
1 250022	2000	1/2" IT - 1/2" IT	with Viton gasket	DN15



technical data:
material flex hose plastic-coated pressure max 2bar

fig.	L (mm)	connector	version	NS
2 250025	1000	3/4" ET - 3/4" ET	with Viton gasket	DN20
2 250026	1500	3/4" ET - 3/4" ET	with Viton gasket	DN20
2 250127	1500	1" AG - 1" AG	without gasket	DN20
2 250027	2000	3/4" ET - 3/4" ET	with Viton gasket	DN20
2 250128	2000	1" AG - 1" AG	without gasket	DN20



technical data:
material flex hose plastic-coated pressure max 2bar

fig.	L (mm)	connector	version	NS
3 250024 ¹	1500	1/2" IT - 1/2" IT	with Viton gasket	DN15

¹incl. connection set

UNI CIG 9891



technical data:
type extendable material unbraided version with SS connections

fig.	L (mm)	connector
1 250028	250-500	1/2" IT - 1/2" IT
1 250037	450-1000	3/4" IT - 3/4" IT
1 250029	500-1000	1/2" IT - 1/2" IT
1 520458	900-2000	3/4" IT - 3/4" IT
1 250030	1000-2000	1/2" IT-1/2" IT



technical data:
type extendable material unbraided version with SS connections

fig.	L (mm)	connector
2 250035	250-500	3/4" IT - 3/4" ET
2 250038	450-1000	3/4" IT - 3/4" ET
2 250032	500-1000	1/2" IT - 1/2" ET
2 250039	900-2000	3/4" IT - 3/4" ET
2 250033	1000-2000	1/2" IT - 1/2" ET

Hydra

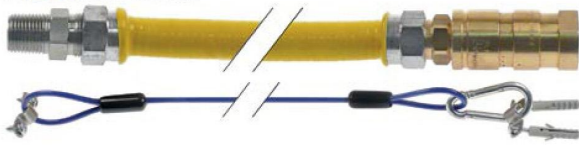


technical data:
approval DIN-DVGW material SS corrugated hose/SS braid

fig.	L (mm)	NS	connection
1 250080	910	DN25	1" IT - 1" ET



NSF/ANSI 169; ANSI Z21.24/CSA 6.10

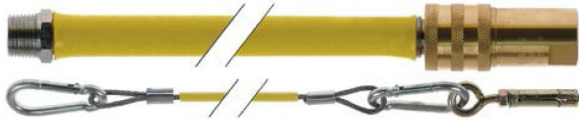


technical data:
material unbraided

standard NSF/ANSI 169/ ANSI Z21.24/
CSA 6.10
version with quick release connection

pos.	connector	L (mm)	pos.	connector	L (mm)		
1	250082	1/2"	1000	6	250087	3/4"	1500
2	250083	1/2"	1200	7	250088	1"	1000
3	250084	1/2"	1500	8	250089	1"	1200
4	250085	3/4"	1000	9	250090	1"	1500
5	250086	3/4"	1200				

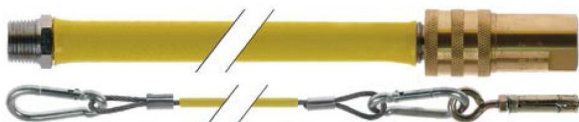
BS 669



technical data:
material unbraided

standard BS 669
version with quick release connection

pos.	connector	L (mm)	pos.	connector	L (mm)		
1	250100	1/2"	1000	5	250104	3/4"	1250
2	250101	1/2"	1250	6	250105	3/4"	1500
3	250102	1/2"	1500	7	250120	1"	1000
4	250103	3/4"	1000	8	250121	1"	1500



technical data:
material braided

standard BS 669
version with quick release connection

pos.	connector	L (mm)	pos.	connector	L (mm)		
1	250106	1/2"	1000	5	250110	3/4"	1250
2	250107	1/2"	1250	6	250111	3/4"	1500
3	250108	1/2"	1500	7	250118	1"	1000
4	250109	3/4"	1000	8	250119	1"	1500



technical data:
standard BS 669

version

fig.	connector	L (mm)	material	
1	250115	1/2"	1000	braided
1	250116	3/4"	1200	braided
1	250117	1"	1000	unbraided

DIN 4815 with DVGW approval



technical data:
material rubber with textile insertion
temperature resistance up to -30°C

pos.	L (mm)	connector	
1	250047	400	1/4" left - tube ø 10mm
2	250004	400	1/4" left - tube ø 12mm
3	250002	400	1/4" left - tube ø 8mm
4	250048	1000	1/4" left - tube ø 10mm
5	250041	1000	1/4" left - tube ø 8mm
6	250042	1500	1/4" left - tube ø 8mm
7	250049	2000	1/4" left - tube ø 10mm
8	250043	2000	1/4" left - tube ø 8mm

miscellaneous



fig.	description	suitable for	Ref. No.
1	250081	gas hose T1: 3/8" NPSF L 260mm nominal-ø 10,5mm connection ø 14,5mm	Pitco B6602403-C

accessories

couplings



fig.	description	TS	NS
1	104662	1/2" - 1/2"	-
1	104663	3/4" - 3/4"	-
1	104682	1" - 1"	-

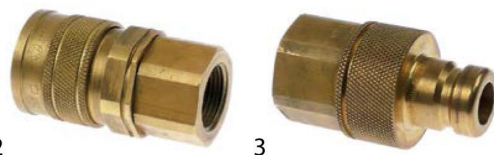


fig.	description	TS	NS
2	104529	1" IT	DN19
3	104528	1" IT	DN19



screw connections



fig.	HPT	description	TS	NS
1	250122	screw connection	3/4"	DN15
2	250123	screw connection	1"	DN20



fig.	HPT	description	TS	NS
3	250097	connection set	1/2" ET - 1/2" IT & 1/2" ET - M20x1.5 IT	DN12

meters

leak detectors



fig.	1	2
	802153	802154
application	NG/LPG	NG/LPG
signal	optic/acoustic	optic/acoustic
scope of delivery	incl. bag and battery	incl. bag and battery
display	LED	LED-scale
type	SE151NM	SE155M
dimensions (mm)	90x160x30	235x55x37
sensor	external	internal



fig.	3	4
HPT	802050	801786
application	NG/LPG	NG/LPG
signal	optic/acoustic	optic/acoustic
scope of delivery	incl. sensor	with case and battery
display	LED	LED
type	300	2198
dimensions (mm)	205x100x36	175x70x38
sensor	external	external

CO detectors



fig.	1
	802152
type	ID155C
measurement range CO (ppm)	0-1000
scope of delivery	incl. sensor and bag
dimensions (mm)	175x80x32
approval	-

equipment specific units

for convection ovens/combi-steamers

spare parts and accessories

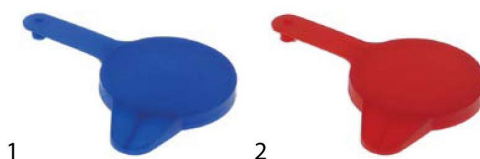


fig.	description	suitable for	Ref. No.
1	551439 cap for water container blue	Electrolux	0C1151
2	551438 cap for water container red	Electrolux	0C1152



filters

fig.	description	suitable for	Ref. No.
1	drain filter L 168mm W 59mm H 22mm for combi-steamer SCC_WE, CM_P 61-202	Rational	54.01.117
2	drain filter ø 102mm	Electrolux 005133 Electrolux 056444 Electrolux 0C1740 Electrolux 0F0073 Electrolux 0K8367 Electrolux 30001886 Therma 0C1740 Zanussi 0C1740	
3	drain filter ø 43mm	Cookmax R18200260 Lainox 18200260 Lainox LAR18200260 Lainox R18200260 Mareno R18200260 Olis R18200260	

fig.	description	suitable for	Ref. No.
4	drain filter ø 71mm H 18mm IT M6 for combi-steamer model CPC-Linie CPC 61/101/201	Fagor 12032599 Fagor RT20050307 Metos 2005.0302 Metos 2005.0307 Rational 2005.0307	
5	drain filter ø 76mm	Cookmax R10201700 Lainox 02200280 Lainox 10201700 Lainox LA10201700 Lainox LAR02200280 Lainox LAR10201700 Lainox R02200280 Lainox R10201700 Mareno R02200280 Mareno R10201700 Olis R10201700	
5	drain filter ø 87mm	Cookmax R10201710 Lainox 10201710 Lainox 10201720 Lainox LA10201710 Lainox LAR10201710 Lainox LAR10201720 Lainox R10201710 Lainox R10201720 Mareno R10201710 Mareno R10201720 Olis R10201710	
6	drain filter ø 85mm for combi-steamer	Convotherm 6005024	

fig.	description	suitable for	Ref. No.
7	drain filter ø 98mm H 26mm for combi-steamer model SCC Linie 61/101 spout ø 70mm	Rational	20.00.998

air filters

fig.	description	suitable for	Ref. No.
1	air filter L 415mm W 73mm H 15mm SS	Electrolux	0C4937
2	filter insert L 213mm W 60mm H 90mm	Emmepi 809502 Emmepi s.r.l. 12034505 Fagor RT84551377 Fagor 76-52141300 Krefft OF103 Lincat 52141300 Metos 2039.0337 Rational 5214.1300 Rational 8455.1377	
3	filter L 200mm W 220mm H 50mm	Rational	16.01.526

fig.	description	suitable for	Ref. No.
4	filter L 220mm W 50mm H 150mm SCC Line	Fagor 12033202 Fagor RT1600673 Lincat OF105 Rational 16.00.292 Rational 16.00.673 Rational 16.01.662	

equipment feet and end caps


equipment feet

with screw mounting

universal

fig.	material	Qty (pcs)
1	SS	1


fig.	material	Qty (pcs)
1	SS	1



1 2 3

fig.						material	Qty (pcs)	suitable for
1	699192	31	3/8" UNC	25	55-84	SS	1	Lincat
2	701310	40	M10	15	80-110	SS	1	Retigo Retigo
2	701092	50	M10	23	113/160	SS	1	GIGA GIGA GIGA Inoxtrend
3	701309	52	M10	-	86-110	SS	1	Amatis Retigo Retigo

with fixing plate




1 2

fig.						material	Qty (pcs)	suitable for
1	701308	58	85x85	85	208-315	SS	1	Retigo
2	700724	58	70x70	56x56	130-210	SS	1	Baron Cookmax Cookmax Lainox Mareno Mareno Mareno Olis

bullet feet


plastic



1

fig.						Qty (pcs)
1	701589	35x35	1-1.5	15-50		1


zamak/SS



1

fig.					Qty (pcs)
1	750715	40x40	1-1.2	75-105	1


screw-in feet



1 2 3 4


fig.					Qty (pcs)	
1	701571	M5	15	50	32	1
2	701317	M10	17	35	20	4
3	802156	M10	20	60	50	1
4	696596	ø 17.5mm	22	35	20	1

bolting feet



1 2

fig.	L (mm)	W (mm)	H (mm)	ø (mm)	MD (mm)	Qty (pcs)	
1	691521	35	35	37	8	-	4
2	699852	150	50	100	8.5	-	1



1 2

fig.				Qty (pcs)	
1	699498	40	25	7	4
2	701311	60.5	40	M10	1



DERBY RUOTE

with bolt hole

chrome-plated steel



technical data:
bearing ball bearing

wheel body polypropylene

fig.	description						
1	700200	swivel castor	100	12	80	132	30
1	700207	swivel castor	125	12	100	159	30
2	700201 ¹	swivel castor	100	12	80	132	30
2	700208 ¹	swivel castor	125	12	100	159	30

¹with swivel brake

stainless steel



technical data:
bearing ball bearing

wheel body polypropylene

fig.	description						
1	700215	swivel castor	100	12	80	132	30
1	700222	swivel castor	125	12	100	159	30
2	700216 ¹	swivel castor	100	12	80	132	30
2	700223 ¹	swivel castor	125	12	100	159	30

¹with swivel brake

STEINCO

with fixing plate

stainless steel



technical data:
bearing ball bearing

wheel body polyamide

fig.	description							
1	700321	fixed castor	125	95x70	75x70	100	158	32
2	700294 ¹	swivel castor	100	77x66	61x51	100	158	32
2	700298	swivel castor	100	95x70	75x70	100	158	32
2	700295 ¹	swivel castor	125	77x66	61x51	100	158	32
2	700292	swivel castor	125	95x70	75x50	100	158	32
3	700296 ^{1,2}	swivel castor	100	77x66	61x51	100	158	32
3	700297 ^{1,2}	swivel castor	125	77x66	61x51	100	158	32
3	700319 ²	swivel castor	100	95x70	75x50	100	158	32
3	700293 ²	swivel castor	125	95x70	75x50	100	158	32

¹hole distance 61x51- 56x46 ²hole distance 61x51- 56x46 ³with swivel brake

with bolt hole

stainless steel



technical data:
bearing ball bearing

wheel body polyamide

fig.						
1	700324 ¹	100	10.5	100	135	32
1	700325 ¹	125	10.5	100	158	32
2	700322	100	10.5	100	158	32
2	700323	125	10.5	100	158	32

¹with swivel brake

plastic



technical data:
bearing ball bearing wheel body polypropylene

fig.						
1	701306	100	10.3	90	135	30
2	701307 ¹	100	10.3	90	135	30

¹with swivel brake

TENTE

with fixing plate

chrome-plated steel



technical data:
bearing slide bearing wheel body polypropylene

fig.	description					
1	700311 ¹ fixed castor	125	77x67	61x51	100	160
2	700255 swivel castor	125	95x70	75x50	100	160
2	710003 ¹ swivel castor	125	77x67	61x51	100	160
3	700256 ² swivel castor	125	95x70	61x51	100	160
3	710004 ^{1,2} swivel castor	125	77x67	61x51	100	160

¹hole distance 61x51-56x46 ²with swivel brake

stainless steel



technical data:
bearing slide bearing wheel body polyamide

fig.	description					
1	701622 swivel castor	125	105x85	78x60	200	155
2	701624 swivel castor	125	105x85	78x60	200	155

with bolt hole

stainless steel



technical data:
bearing slide bearing wheel body polypropylene

fig.	description					
1	701178 swivel castor	100	11	80	135	32
2	701177 ¹ swivel castor	100	11	80	135	32

¹with swivel brake

plastic



technical data:
bearing ball bearing wheel body polyamide

fig.	description					
1	701595 swivel castor	100	10	100	103	73.5

miscellaneous

with spigot

ø125mm



technical data:
bearing slide bearing wheel body polypropylene

fig.	description					
1	710021 swivel castor	125	100	63	M10	160
2	710013 fixed castor	125	100	66	M10	155



BLICKLE

with fixing plate

stainless steel

ø125mm



1

technical data:

bearing slide bearing

wheel body polypropylene

fig.	description							
1	701021	fixed castor	125	57x48	22x19	120	155	32

with bolt hole

stainless steel

ø125mm



1

2

technical data:

bearing slide bearing

wheel body polypropylene

fig.	description						
1	701022	swivel castor	125	13	120	158	32
2	701023	swivel castor	125	13	120	158	32

plastic

ø125mm



1

2

technical data:

bearing slide bearing

wheel body polypropylene

fig.	description						
1	700913	swivel castor	125	11	110	160	32
2	700914	swivel castor	125	11	110	160	32

with spigot

plastic

ø125mm



1

2

technical data:

bearing ball bearing

wheel body polyamide

fig.	description							
1	701029	swivel castor	125	125	28	10	130	80
2	700988	swivel castor	125	125	29	10	130	80

shelves and shelf rails

grates

universal

without upstand



pos.	W (mm)	D (mm)	standard	material	crossing wires	
1	970120	325	530	GN 1/1	chrome-plated steel	1
2	970077	400	600	-	SS	1
3	970080	530	530	-	SS	1
4	970081	530	600	-	SS	2

kitchen accessories

gastronorm

GN containers

SS 18/10 - standard



pos.	size	D (mm)	pos.	size	D (mm)		
1	993102	GN 2/1	20	5	993030	GN 1/1	20
2	993103	GN 2/1	40	6	993020	GN 1/1	40
3	993104	GN 2/1	65	7	993019	GN 1/1	55
4	993105	GN 2/1	100	8	993033	GN 1/1	65

Table continues overleaf



pos.	size	D (mm)	pos.	size	D (mm)
9	993018	GN 1/1	27	993049	GN 1/3
10	993035	GN 1/1	28	993050	GN 1/3
11	993036	GN 1/1	29	993051	GN 1/3
12	993037	GN 2/3	30	993107	GN 2/4
13	993038	GN 2/3	31	993108	GN 2/4
14	993039	GN 2/3	32	993109	GN 2/4
15	993040	GN 2/3	33	993110	GN 2/4
16	993041	GN 2/3	34	993113	GN 1/4
17	993106	GN 2/3	35	993052	GN 1/4
18	993042	GN 1/2	36	993053	GN 1/4
19	993043	GN 1/2	37	993054	GN 1/4
20	993044	GN 1/2	38	993055	GN 1/4
21	993045	GN 1/2	39	993056	GN 1/6
22	993046	GN 1/2	40	993057	GN 1/6
23	993047	GN 1/2	41	993058	GN 1/6
24	993111	GN 1/3	42	993059	GN 1/6
25	993112	GN 1/3	43	993060	GN 1/9
26	993048	GN 1/3	44	993061	GN 1/9

SS 18/10 - perforated



pos.	size	D (mm)	pos.	size	D (mm)
1	993062	GN 1/1	8	993068	GN 1/1
2	993063	GN 1/1	9	993069	GN 2/3
3	993064	GN 1/1	10	993070	GN 2/3
4	993065	GN 1/1	11	993071	GN 2/3
5	993292	GN 1/1	12	993072	GN 1/2
6	993066	GN 1/1	13	993073	GN 1/2
7	993067	GN 1/1			

lids



fig.	size	fig.	size		
1	993074	GN 1/1	1	993078	GN 1/4
1	993075	GN 2/3	1	993079	GN 1/6
1	993076	GN 1/2	1	993080	GN 1/9
1	993077	GN 1/3			

hose reels and spray guns

spray guns



fig.	connector	L (mm)	suitable for	Ref. No.	
1	542800	1/2" ET	120	MKN	201147
2	540301	1/2" ET	128	Eloma Eloma Eloma Eloma Palux	587583 E250059 EL0587583 EL0783404 ELE250059 587583
3	542105	1/2" ET	130	—	—
4	540302	1/2" ET	135	Fagor Fagor Krefft Krefft Krefft Krefft Krefft Krefft Lincat Lohberger Lohberger Rational Rational Rational Rational Rational Rational	12030181 RT20601006 76-20010110 76-20600215 76-20600218 76-20601000 76-20601002 76-50120559 OHA01 20601006 VO-2060.1006 2001.0110 2060.0215 2060.0218 2060.1000 2060.1001 2060.1002 2060.1003 2060.1006 5012.0559



fig.	connector	L (mm)	suitable for	Ref. No.
5	1/2" ET	135	Convotherm Electrolux Electrolux Giorik	6011010 00920003 050323 7080010
6	1/2" ET	225	Angelo-Po Fagor Fagor Foinox I-OVENS MITO Repagas	33D1700 12004216 R095005 1518.01 1518.01 1518.01 1270003R

fig.	connector	L (mm)	suitable for	Ref. No.
5	1/2" (12.83mm)	165	Fagor Fagor Lincat Rational Rational	12030307 RT5000130 OHA10 50.00.130 50.00.130S

fig.	connector	L (mm)	suitable for	Ref. No.
1	3/8" IT	130	—	—
2	3/8" IT	135	Amatis ATA Convotherm Cookmax Electrolux Electrolux Electrolux Electrolux Hounö Juno Klarco Retigo Zanussi	ZA15-0100 14288 6011005 0P.P043.00.00 003175 0K1055 903030 9030302 059959 003175 0P.P043.00.00 ZA15-0100 003175
3	1/2" IT	215	Electrolux Electrolux Electrolux Inoxtrend Zanussi	003167 7i003167 9030100 C2380-00 003167
4	1/2" IT	225	Falcon Lainox Lainox Lainox Lainox	530550110 62200028 LA62200028 LAR62200028 R62200028

fig.	description	suitable for	Ref. No.	
1	cleaning set incl. water socket connection 1/2" hose length 1250m t.max. 50°C	—	—	—
2	spray gun 1/2" ET L 245mm with hose (2m) and wall holder type Active	—	—	—
3	spray gun for appliances 1/2" ET L 129mm with hose (2m) and wall holder	—	—	—

fig.	description	suitable for	Ref. No.	
4	spray gun for appliances 1/2" ET L 225mm with hose (2m) and wall holder type STAR	Fagor Fagor	12007934 R095009	—

hose reels

appliance hose reels



fig.	description	connections	L (mm)	suitable for	Ref. No.	
1	520732	shower hose	1/4" - 1/2"	2080	Rational	2067.0604
1	530604	shower hose	1/2" - M12x1	1500	Krefft Rational	76-20670603 2067.0603



fig.	description	connections	L (mm)	suitable for	Ref. No.	
2	520532	shower hose	3/8"	1600	Electrolux	003170
2	520891	shower hose	3/8"	2100	Retigo	ZA11-0904



fig.	description	connections	L (mm)	suitable for	Ref. No.	
3	520094	shower hose	ø12mm - 1/2"	1500	Krefft Krefft Rational	76-20670605 76-20670610 2067.0605 2067.0610
3	520099	shower hose	ø12mm - 1/2"	1800	Krefft Rational	76-20670611 2067.0607 2067.0611
3	520108	shower hose	ø12mm - 1/2"	2080	Krefft Krefft Rational	76-20670606 76-20670609 2067.0606 2067.0609



fig.	description	suitable for	Ref. No.	
1	540961	wall holder for hand spray	Convotherm	6011012
2	542966	wall holder for hand spray	Electrolux Electrolux Zanussi	003513 9030070 003513



fig.	description	suitable for	Ref. No.	
1	540662	hose reel complete with spray gun hose length 1,5m	Krefft Metos Rational	76-84101013 8410.1013 8410.1013
2	545800	hose reel complete with spray gun hose length 1,6m	Electrolux Zanussi	0C1128 0C1128

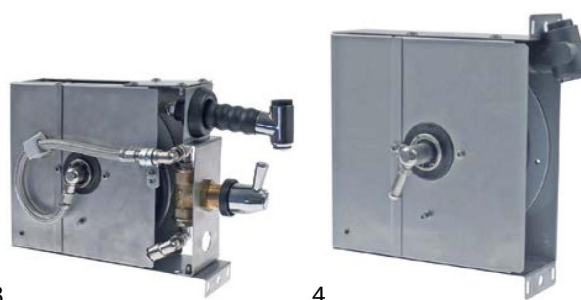


fig.	description	suitable for	Ref. No.	
3	542099	hose reel complete with spray gun hose length 1,6m connection John Guest 10mm hose ø 6x12mm	Lainox Lainox Lainox Lainox Mareno	62200131 LAR62200131 LAR62200131 R62200131 R62200131
4	542093	hose reel complete with spray gun hose length 1,8m	Fagor Fagor Virtus Virtus	12024800 12040977 12024800 12040977



fig.	description	suitable for	Ref. No.	
5	540663	hose reel complete with spray gun hose length 1.5mm	Krefft Rational Rational	76-86552006 8655.2006 8655.2007
6	545067	hose reel without spray gun hose length 1,55m	Eloma Eloma Eloma Falcon	753181 E250103 EL0753181 ELE250103 530753181

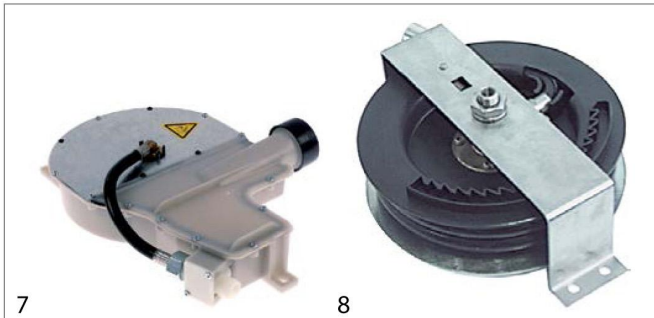


fig.	description	suitable for	Ref. No.
7	541444 hose reel without spray gun hose length 1,5m	Fagor Lincat Rational Rational Rational	12026185 RT5000176P OHA13 50.00.176 50.01.239 50.01.239P
8	540480 hose reel without spray gun hose length 1,7m	Eloma Eloma Eloma Eloma	580953 E250069 EL0580953 ELE250069

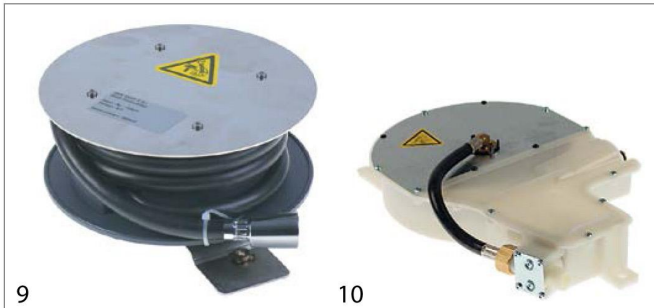


fig.	description	suitable for	Ref. No.
9	542804 hose reel without spray gun hose length 1,8m	MKN	204410
10	540661 hose reel without spray gun hose length 1m	Fagor Fagor Fagor Fagor Lincat Rational Rational Rational	12026732 12026734 RT5000140 RT5000140P OHA12 50.00.140 50.00.140P 50.01.238P



fig.	description	suitable for	Ref. No.
11	540481 hose reel without spray gun hose length 2,1m	Eloma Eloma	E250070 ELE250070
12	540483 hose reel without spray gun hose length 2,1m	Fagor Fagor Krefft Krefft Lincat Rational Rational Rational	12026642 RT86552020 76-86552020 76-86552021 OHA02 8655.2020 8655.2020P 8655.2021

undercounter and built-in hose reels

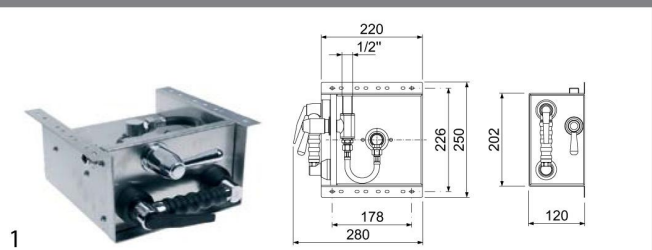


fig.	hose length (m)	connection	hose ø (mm)	material
1	542950	1/2"	7x13	SS

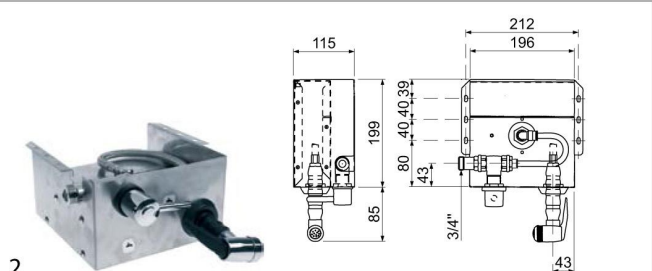


fig.	hose length (m)	connection	hose ø (mm)	material
2	542039	1/2"	7x13	SS

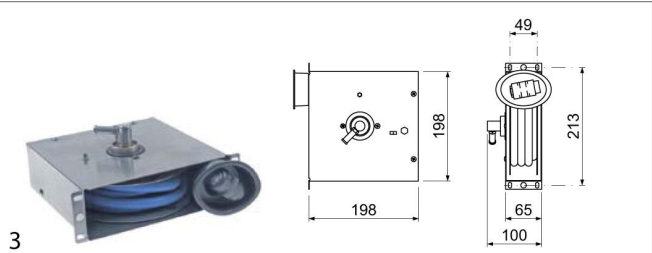


fig.	hose length (m)	connection	hose ø (mm)	material
3	542069	1/2"	7x13	SS

hoses

supply hoses

PVC supply hoses



fig.	NS	connections	L (mm)	operating p. (bar)	t.max. (°C)	approval	
1	520460	DN12	3/4"	1500	10	90	WRAS
1	520461	DN12	3/4"	2500	10	90	WRAS



industrial hoses

rubber hoses - Goldschlange®



fig.	ID ø (mm)	ED ø (mm)	L (m)	operating p. (bar)	burst p. (bar)	t.max. (°C)
1	530540	13	21	5	30	90
1	530546	13	21	20	30	90

Niplaflex hoses



pos.	ID ø (mm)	ED ø (mm)	L (m)	operating p. (bar)	burst p. (bar)	t.max. (°C)
1	530561	10	17	5	10	30
2	570561	10	17	40	10	30
3	530719	11	18	0.4	10	30
4	570562	12	20	100	10	30
5	530562	13	21	5	10	30
6	530051 ¹	15	23	-	10	30

¹by the meter

silicone hoses

without fabric



fig.	ID ø (mm)	ED ø (mm)	L (m)	t.max. (°C)
1	361601	2	5.2	5
1	570601	2	5.2	100
1	361602	2.5	5.7	5
1	570602	2.5	5.7	100
1	361603	3	5	5
1	570603	3	5	100
1	361604	3	6	5
1	570604	3	6	100
1	570156 ¹	3	7	-
1	361605	3	7	5
1	570605	3	7	100
1	520242	4	7	5
1	570606	4	7	100
1	361607	4	7.2	5
1	361608	4	8	5
1	570608	4	8	100
1	520388	5	8	1
1	361609	5	8	5

¹by the meter

Table continues overleaf



fig.	NS	connections	L (mm)	operating p. (bar)	t.max. (°C)	approval
2	520462	DN12	3/4"	1500	10	90
2	520463	DN12	3/4"	2500	10	90

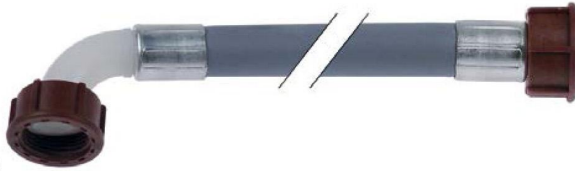


fig.	NS	connections	L (mm)	operating p. (bar)	t.max. (°C)	approval
3	520010	DN13	3/4"	1500	10	90
3	520011	DN13	3/4"	2000	10	90
3	520012	DN13	3/4"	2500	10	90
3	520013	DN13	3/4"	3000	10	90



fig.	NS	connections	L (mm)	operating p. (bar)	t.max. (°C)	approval
1	520630	DN13	3/4"	1000	10	90
1	520631	DN13	3/4"	1500	10	90



fig.	NS	connections	L (mm)	operating p. (bar)	t.max. (°C)	approval
2	520888	DN14	3/4"	1500	10	90

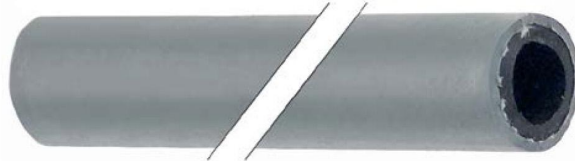


fig.	ID ø (mm)	ED ø (mm)	L (m)	operating p. (bar)	burst p. (bar)	t.max. (°C)
1	520015	10	17	5	20	60
1	520014	10	17	40	20	60
1	520017	13	20	5	20	60
1	520016	13	20	40	20	60



technical data:
 control manual
 version with bypass valve
 diameter 190mm
 width 255mm
 operation pressure 1-8bar
 water temperature 4-25°C
 flow rate 900l/h

1

fig.	container capacity (l)	amount of resin (l)	salt amount/regeneration (kg)	capacity at 16°dH/20°e/29°fH (l)	H (mm)	connection	type
1 530168	12	8.4	1.5	1680	500	3/8" / 3/4"	IV12
1 530169	16	11.2	2	2240	600	3/8"	IV16
1 530170	20	14	2.5	2800	900	3/8"	IV20

automatic softeners

with Autorol control 255/740i (timer)



technical data:
 connection 3/4"
 water temperature 6-25°C
 flow rate 1500l/h
 supply 230VAC

1

fig.	type	container capacity (l)	amount of resin (l)	salt amount/regeneration (kg)	capacity at 16°dH/20°e/29°fH (l)	W (mm)	L (mm)	H (mm)
1 530354	ATL	12	8	1.8	1680	325	550	660
1 530397	maxi	26	15	2.7	3360	310	430	1100

with control Autotrol 366/604 (timer)



technical data:
 operation pressure 2-8bar
 water temperature 6-25°C
 flow rate 1500l/h
 supply 230VAC

1

fig.	container capacity (l)	amount of resin (l)	salt amount/regeneration (kg)	capacity at 16°dH/20°e/29°fH (l)	W (mm)	L (mm)	H (mm)	connection
1 530522	5	3.8	0.5	700	230	380	515	1/2"
1 530827	12	8.4	1.5	1680	290	400	550	3/8" / 3/4"

with Autotrol control Logix 255/740 (timer)



technical data:
 operation pressure 2-8bar
 water temperature 6-25°C
 flow rate 1500l/h
 supply 230VAC

1

fig.	type	container capacity (l)	amount of resin (l)	salt amount/regeneration (kg)	capacity at 16°dH/20°e/29°fH (l)	W (mm)	L (mm)	H (mm)	connection
1 530824	GIX12	12	8.4	1.5	1680	290	425	665	3/4"



with Autorol control - AL series (timer)



1

technical data:
 operation pressure 2-8bar
 water temperature 4-25°C
 flow rate 1500l/h
 supply 230VACVAC

fig.	type	container capacity (l)	amount of resin (l)	salt amount/regeneration (kg)	capacity at 16°dH/20°e/29°TH (l)	W (mm)	L (mm)	H (mm)	connection
1	530529	12	8.5	1.5	1680	285	405	595	3/4"

with Autotrol control 255/760i (volumetric)



1

technical data:
 operation pressure 2-8bar
 water temperature 6-25°C
 flow rate 1500l/h
 supply 230VAC

fig.	type	container capacity (l)	amount of resin (l)	salt amount/regeneration (kg)	capacity at 16°dH/20°e/29°TH (l)	W (mm)	L (mm)	H (mm)	connection	
1	530355	AVL	12	8	1.8	1680	325	550	660	3/4"
1	530380	maxi	26	15	2.7	3360	310	430	1100	3/4"

water softener salt



1

fig.	type	content (kg)	format	
1	530238	BROXETTEN	25	tablets

substitute resins



1

2

fig.	type	content (l)	weight (kg)	
1	520136	Dowex HCR-S/S	25	20.5
2	530240	PC002	25	20.5

measuring devices



1

2

fig.	description
1	541474 control strip water hardness (German) Qty 100 pcs
2	800034 measuring device total hardness and carbonate hardness



3

4

fig.	description
3	540620 measuring device type general test for water hardness
4	800306 measuring device type water hardness test water hardness (French)



water filters

BRITA

water filters

PURITY Quell ST

partial desalination specifically for big coffee makers and combi steamers
With or without MAE (electronic display)



technical data:
maximum operation pressure 6.9bar flow rate 350l/h
water temperature +4 up to +30°C

fig.	type	capacity (l)	version
1	530850 PURITY 450 Quell ST	2240-4217	with MAE
2	530851 PURITY 450 Quell ST	2240-4217	without MAE
1	530852 PURITY 600 Quell ST	4420-7207	with MAE
2	530853 PURITY 600 Quell ST	4420-7207	without MAE
1	530854 PURITY 1200 Quell ST	7253-13187	with MAE
2	530855 PURITY 1200 Quell ST	7253-13187	without MAE

PURITY Steam

partial desalination specifically for combi steamers
With or without MAE (electronic display)



technical data:
maximum operation pressure 6.9bar flow rate 500l/h
water temperature +4 up to +30°C

fig.	type	capacity (l)	version
1	530857 PURITY 450 Steam	2754-3680	with MAE
2	530858 PURITY 450 Steam	2754-3680	without MAE
1	530859 PURITY 600 Steam	4734-5771	with MAE
2	530860 PURITY 600 Steam	4734-5771	without MAE
1	530861 PURITY 1200 Steam	9521-10800	with MAE
2	530862 PURITY 1200 Steam	9521-10800	without MAE

EVERPURE

kits



fig.	type	application
1	530492 Claris L	for combi-steamer
1	530494 Claris M	for combi-steamer
1	530495 Claris XXL	for combi-steamer

filters



technical data:
flow rate 228l/h
water temperature +4 up to +30°C
suitable filter head Claris

pos.	type	capacity (l)	operation p max (bar)
1	530207 Claris XL	4000-8000	2-8



technical data:
water temperature max. 38°C

fig.	type	capacity (l)	FR (l/h)	operation p max (bar)	for filter head
1	530157 KLEEN-STEAM	22710	360	8.6	-
2	530198 SS-10	60000	360	8.6	-
3	530200 SR-X	60000	360	8.6	-



sealants and adhesives



fig.	description
1 890044	Fermit charlotte mortar - can 1kg Chamotte Mortar for all repair maintenance. Hardening concerning to the influence of the heat. Refractory Mortar for bricking up of chimneys, stoves, ovens and barbecues. Suitable for inside and outside, protects the fireplace of rainfall, high adhesion, easy utilisation, not flammable, possible working time approximately 20 minutes, mixing ratio 25 l water / 100 kg Temperature resistance: +1600°C
2 890043	Fermit refractory glue HT 1100 - cartridge 310ml - beige Seal and fastening glue ready for use. Its formulation of alkali silicate and mineral fillers makes it a heavy-duty glue at temperatures of up to 1100°C. Let it dry for 48 hours and then heat it up slowly. It has a good adhesiveness on fibrous products, on metals, an fireclay brick and on all kinds of construction materials. It is easy to work with, asbestos free, high temperature resistant, no smoke development, good adhesion on all kinds of materials, good adhesive strength. Temperature resistance: above 1000°C
3 890093	Refractory boiler putty „Froschmarke“ - can 250g Ductile sealing putty on potassium water glass basis, asbestos-free, refractory and temperature resistant against open fire up to 1000°C and above, adheres well to metal, non-crumbling, non-shrinking, completely sealing off smoke and gas, for sealing off from flue gases during the use of boiler equipment, ovens and stoves. Temperature resistance: more than +1000°C

service cases



fig.	description
1 890008	First-aid sealing kit The quick, easy and professional immediate help in the event of pipe damage or for the preparation of later conventional pipe repairs. Without tools, soldering or welding! Suitable for almost all pipe materials and can be used for, in addition to water pipes, also for oil pipes. From zero to tight in 30 minutes. Kit content: case filled with 2-component sealing compound, sealing bandage 25x1800mm, sealing bandage 50x3600mm, protective gloves, stirring rod, brush and repair instructions Temperature range: -60°C to +270°C

cleaning agents

combi steamer detergents/descalers

Notice: Articles labelled 'DANGEROUS GOODS' are delivered by road through a forwarder for reasons of safety and are charged separately!



fig.	description
1 890032 ¹	CONVOTHERM Convoclean forte - cleaner - canister 10l All Convotherm detergents and care products are optimally designed for use with the Convotherm combi steamers. This prevents residues from remaining in the cooking chamber when using liquid cleaners. The Convotherm cleaners comply with the ISO standard, are environmentally friendly, biodegradable and halal and kosher certified. The ConvoClean forte is a cooking chamber cleaner with a strong cleaning power. The ConvoClean forte is suitable for all devices with automatic and fully automatic cleaning.
2 802066 ¹	CONVOTHERM ConvoCare K - bottle 1 litre For preventing and dissolving limescale deposits. Particularly suitable in regions with very hard water. Through the use of liquid detergents no residue remains in the cooking chamber. The environment is also considered - all products are compliant with the ISO standard and are biologically degradable. - 1l concentrate - rinse aid for CONVOClean system - must be mixed with water in a ratio of 1:29
3 802125 ¹	etolit Clean - detergent - canister 10l Special detergent for combi steamers with automatic washers and for manual washing. Cleans powerfully and intensively. Actively targets and removes burnt-on residue.

¹DANGEROUS GOODS



fig.	description
4 802126 ¹	<p>etolit Clear - rinse aid - canister 10l Special rinse aid for combi steamers with automatic washers. etolit Clear is a slightly acidic rinse aid which supplies optimal results when used with etolit Clean.</p>
5 802039 ¹	<p>LAINOX Combi Clean - detergent - canister 10l Triple-action alkaline detergent, specially designed for cleaning the cooking chambers of Lainox combi steamers. With its special 3-in-1 formula with detergent, rinse aid and descaler the detergent removes food residue and gives the cooking chamber a streak-free shine. The detergent helps ensure a long seal life. Can corrode metals.</p>
6 802112	<p>LAINOX SOLID CAL - descaler - 6 cans of 1kg (powder) Is a LAINOX product that hinders limescale formation in steam generators. SOLID CAL offers a number of advantages: - Faults caused by limescale deposits are avoided - A sufficient amount of clean steam is always available - Maximum energy efficiency and hence reduced consumption - High performance even after a long running time - Longer steam generator life SOLID CLEAN with a new formula has a maximum disinfecting action, can be transported without a permit (not a liquid), takes up little space (solid) and rehydrates during use.</p>



fig.	description
7 802105	<p>LAINOX SOLID CLEAN - detergent - 6 cans of 1kg SOLID CLEAN with a new formula has a maximum disinfecting action, can be transported without a permit (not a liquid), takes up little space (solid) and rehydrates during use.</p>
8 802061	<p>MKN WaveClean - detergent - box of 10 cartridges Combination product for cleaning and descaling of combi steamers with WaveClean® Innovative 2-in-1 cartridge with cleaner and rinse aid. Easy handling with no direct contact to active agents. Cleans MKN combi steamers reliably, economically and hygienically. Start the WaveClean® cleaning program, unscrew the 2-in-1 cartridge cap and insert the cartridge into the holder when prompted to do so. After the cleaning process remove the cartridge before starting the machine. Rinse off any residue with plenty of water. For commercial use only.</p>
9 802186 ¹	<p>RATIONAL Special cleaner soft for RATIONAL CleanJet and hand cleaning</p>

¹DANGEROUS GOODS



fig.	description
10 890045	RATIONAL special descaler - canister 10l
11 802185 ¹	RATIONAL special rinse agent for RATIONAL CleanJet cleaning system

¹DANGEROUS GOODS



fig.	description
12 802060	<p>RATIONAL descaler - 6 kg (150 tablets of 40g) RATIONAL Care Tabs for descaling and maintaining the Rational SelfCooking Center SCC with CareControl (from year of manufacture: 10/2008) Effectively removes soiling and limescale. Special limescale dissolving agents in the Care Tabs prevent limescale deposits right when they are formed. Innovative care substances actively protect and lengthen the service life of your Rational SelfCookingCenter®. - Top cleaning results - Maximum yield - Ideal long-lasting care - maximum operational reliability - Reliable hygiene for food safety - Minimal costs of cleaning and maintenance</p>
13 802165	<p>RATIONAL detergent - 6kg (100 tabs of 60g) The RATIONAL detergent tabs are designed for cleaning the Rational SelfCooking Center with and without CareControl. The detergent tabs have a new intensive active agent complex to guarantee maximum cleaning power at all times. They are highly concentrated and hence have a high yield. - Effectively removes soiling - Top cleaning results - Maximum yield - Ideal long-lasting care - maximum operational reliability - Reliable hygiene for food safety - Minimal costs of cleaning and maintenance</p>