Service part catalogue

VarioCooking Center® 112 - 2 x 19 dm², 2 x 16 L

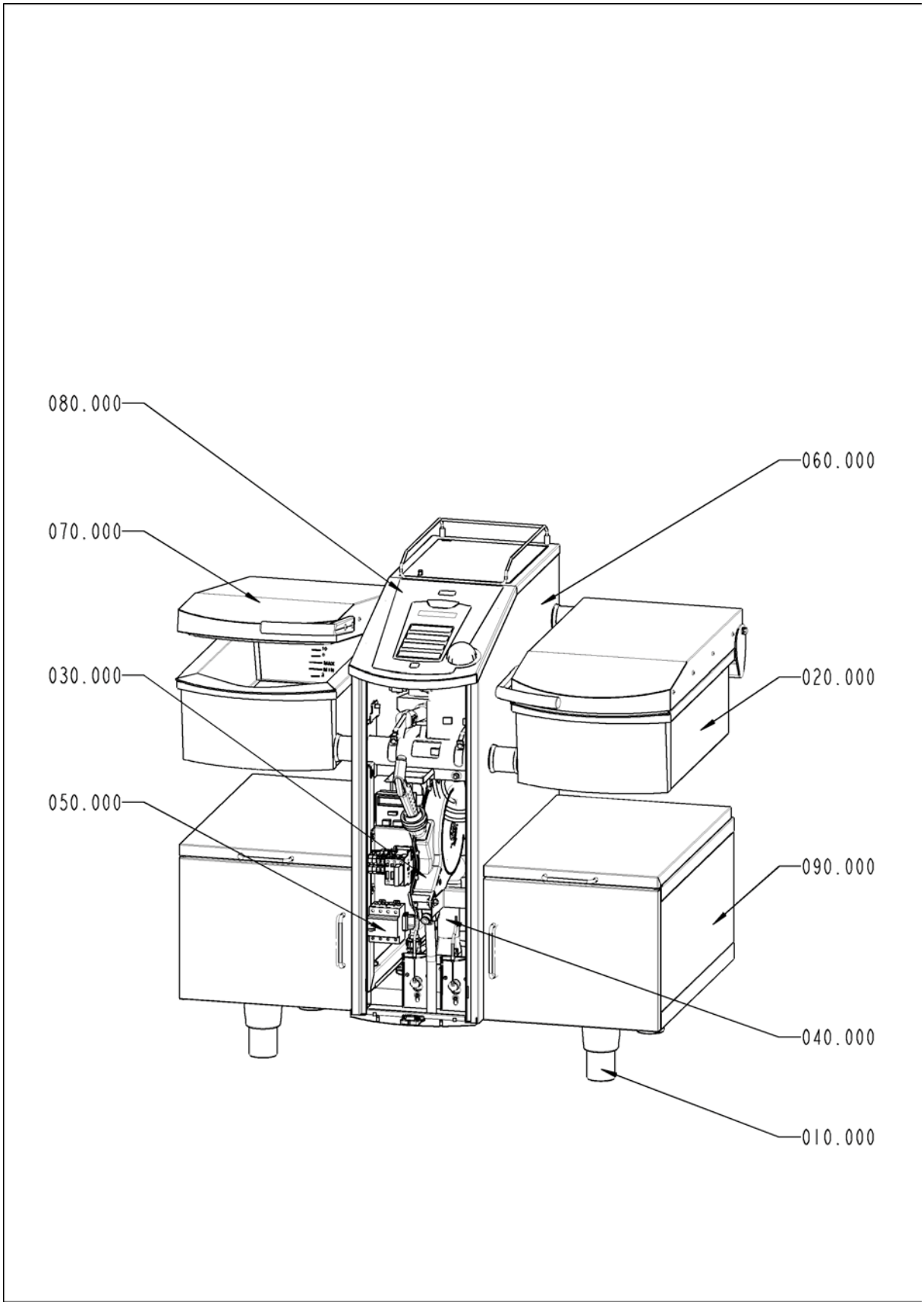
E11VG1107



15/07/2022
3 AC220 V 50-60Hz

RATIONAL_CPC_SCC_VCC-G
©Copyright by RATIONAL Technical Service
All Rights reserved

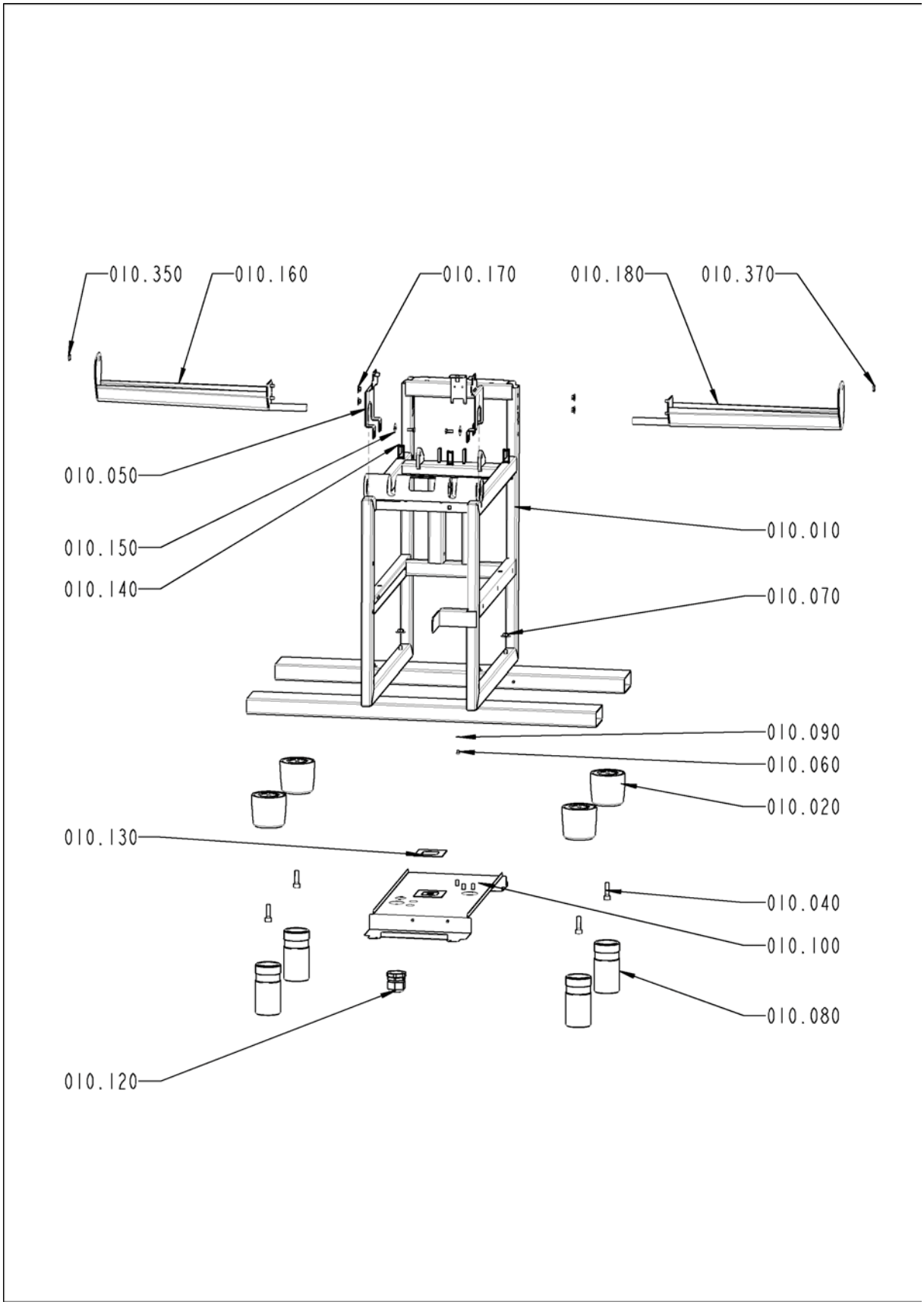
Overview


080.000
060.000
070.000
030.000
020.000
050.000
090.000
040.000
010.000

Overview

Pos.	Assembly	Page
010.000	Base structure	4
020.000	Pan	6
030.000	Water distribution, Hand shower roll guide	16
040.000	Quenching	22
050.000	Contactor assembly	28
060.000	Exterior cabinet	32
070.000	Lid	36
080.000	Control panel	48
090.000	Storage case	50
100.000	Accessories	52

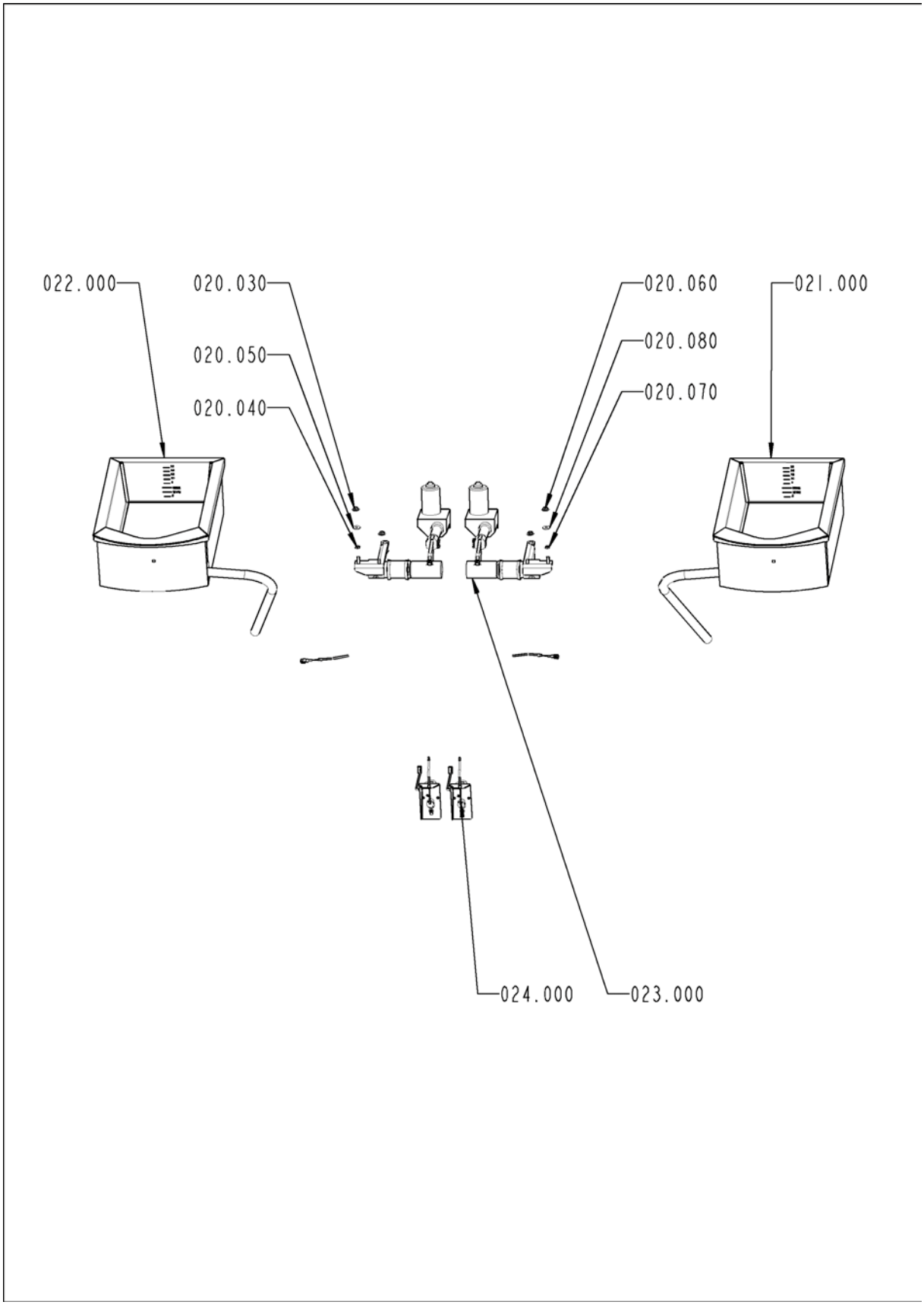
Base structure



Base structure

Pos.	Part no.	Description	Qty.
010.010	12.00.624	Chassis	1
010.020	12.00.205	Upper part of pedestal	4
010.040	10.00.107	Socket cap screw M10x35	4
010.050	12.00.688	Fixing angle cpl. 112	2
010.060	10.00.647	Raised countersunk allen screw M5x12	1
010.070	10.00.607	Hex combination nut M8	4
010.080	12.00.224	Lower part of pedestal 110mm	4
010.090	10.00.188	Serrated lock washer A5.1	1
010.100	16.01.369	Base plate	1
010.110	1105.0121	Hex combination nut M5 galv	2
010.120	40.02.594	Screwed cable gland PG 29	1
010.140	10.00.111	Cable clip long	8
010.150	10.00.186	Washer broad LL6	2
010.160	12.01.116	Drip collector	1
010.170	1106.0803	Hex combination nut M6 galv	2
010.180	12.01.117	Drip collector	1
010.350	24.01.221	Bearing shaft pan inside left	1
010.370	24.01.221	Bearing shaft pan inside left	1

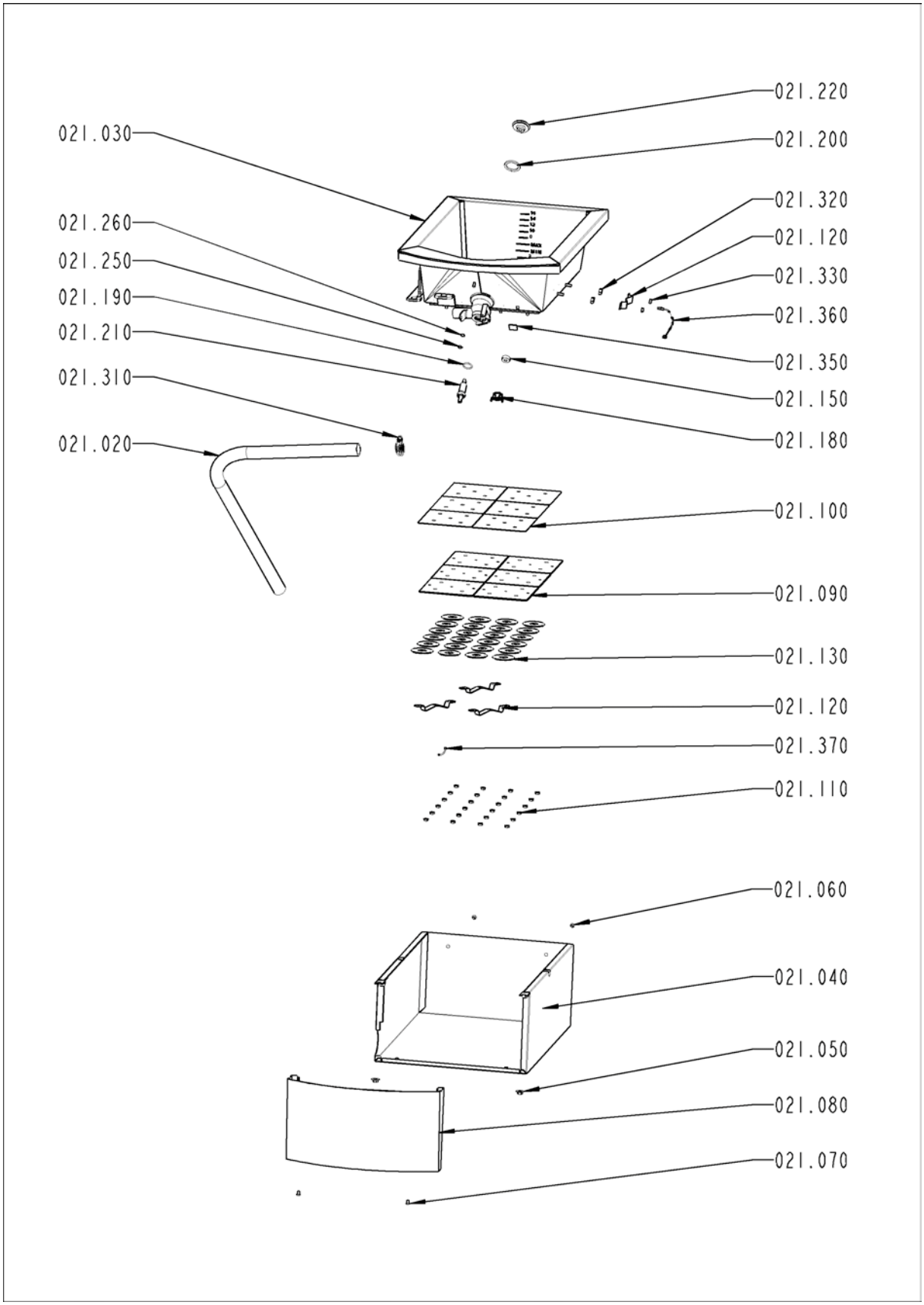
Pan


022.000
020.030
020.050
020.040
020.060
020.080
020.070
021.000
024.000
023.000

Pan

Pos.	Part no.	Description	Qty.
020.030	10.00.607	Hex combination nut M8	3
020.040	1108.0260	Hex nut M8	1
020.050	1308.0161	Washer A8,4	1
020.060	10.00.607	Hex combination nut M8	3
020.070	1108.0260	Hex nut M8	1
020.080	1308.0161	Washer A8,4	1
020.100	46.00.127	Cable control harness heating pan right	1
020.110	46.00.126	Cable control harness heating pan left	1
021.000		Pan right	1
022.000		Pan left	1
023.000		Shaft toppling	1
024.000		Pan valve	1

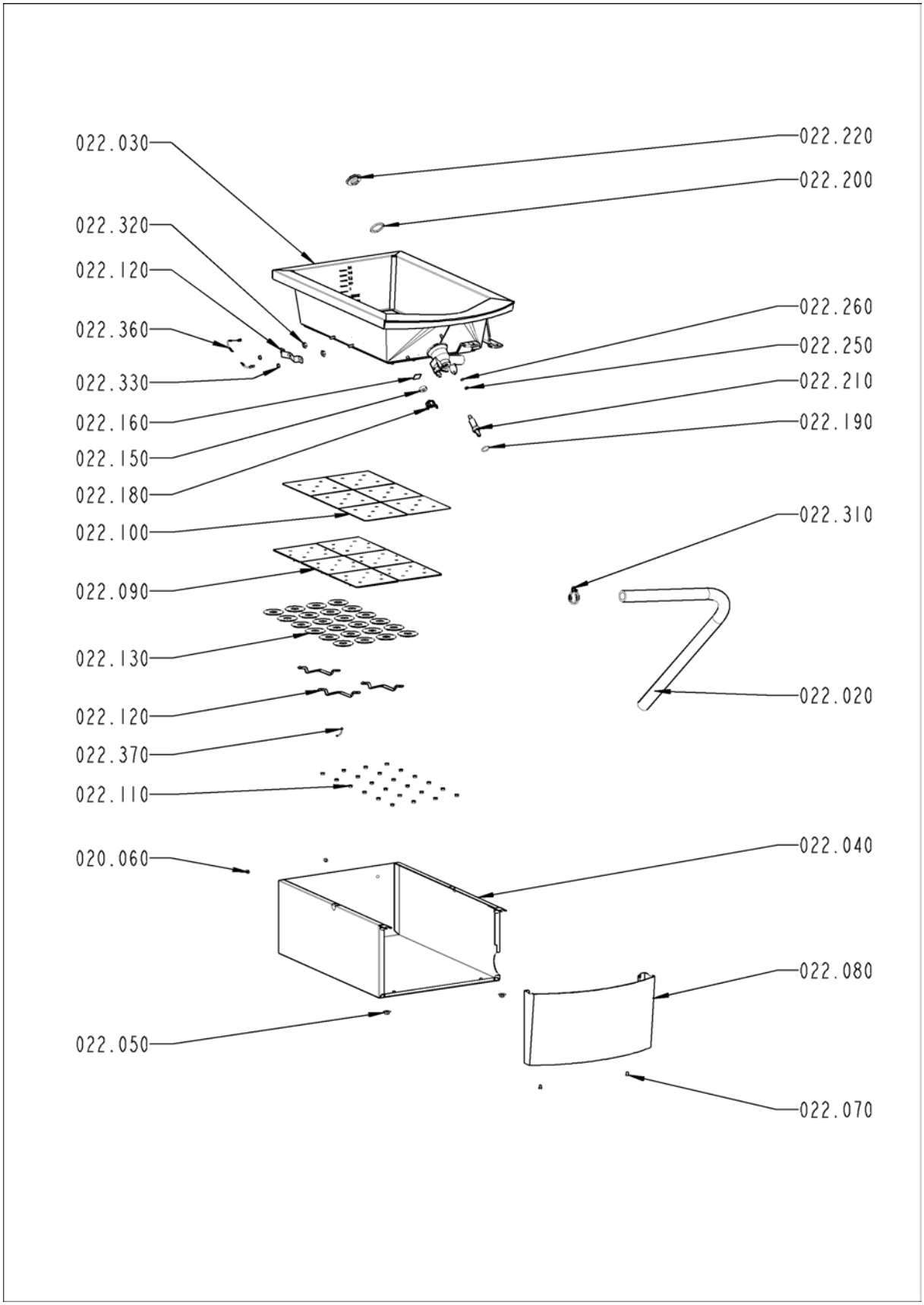
Pan right


021.220
021.200
021.030
021.320
021.260
021.120
021.250
021.330
021.190
021.360
021.210
021.350
021.310
021.150
021.180
021.020
021.100
021.090
021.130
021.120
021.370
021.110
021.060
021.040
021.050
021.080
021.070

Pan right

Pos.	Part no.	Description	Qty.
021.020	50.01.612	Drain hose pan right 112	1
021.030	20.01.765	Pan right	1
021.040	16.01.971	Pan panel for right pan	1
021.050	1106.0803	Hex combination nut M6 galv	2
021.060	10.00.606	Allen screw M5x8 A2	2
021.070	10.00.606	Allen screw M5x8 A2	2
021.080	16.00.855	Pan right front panel assembly	1
021.090	40.02.398	Heating element 1400W (screwed contact)	6
021.100	20.00.710	Graphit plate for heating element 1400W	6
021.110	1105.0121	Hex combination nut M5 galv	24
021.120	46.00.123	Mounting device thermocouple for heating element	4
021.130	10.00.802	Washer Ø50mm for heating element	24
021.150	20.00.983	Mounting device for Bimetall switch	1
021.180	40.02.337	Safety temperature limiter 215°C	1
021.190	10.00.675	O-ring f. pan valve 17.3 x 2.4	1
021.200	20.00.992	Gasket for plug pan valve	1
021.210	20.00.905	Sheath for pan valve	1
021.220	20.00.970	Plug for pan valve	1
021.250	10.00.647	Raised countersunk allen screw M5x12	1
021.260	10.00.188	Serrated lock washer A5.1	1
021.310	2066.0522	Hose clamp ø 31,3 mm	1
021.320	1108.0260	Hex nut M8	2
021.330	10.01.054	Hexagonal nut with notched flange M5	2
021.350	20.00.987	Graphit plate for Bimetall switch	1
021.360	87.00.513	Thermocouple pan right	1
021.370	87.00.339	Thermocouple for heating element	1

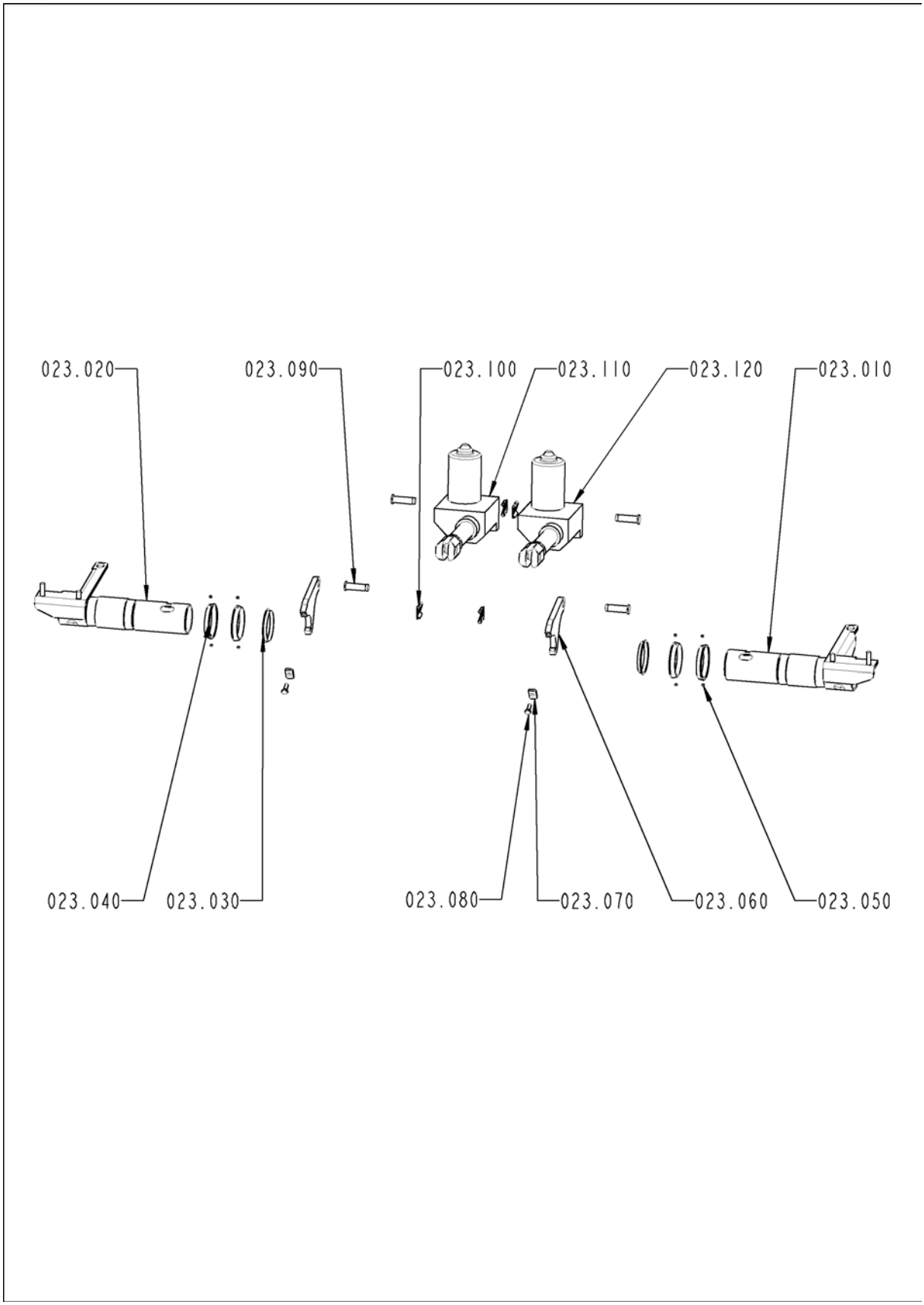
Pan left


022.030
022.320
022.120
022.360
022.330
022.160
022.150
022.180
022.100
022.090
022.130
022.120
022.370
022.110
020.060
022.050
022.220
022.200
022.260
022.250
022.210
022.190
022.310
022.020
022.040
022.080
022.070

Pan left

Pos.	Part no.	Description	Qty.
022.020	50.01.611	Drain hose pan left 112	1
022.030	20.01.766	Pan left	1
022.040	16.02.004	Pan panel for left pan	1
022.050	1106.0803	Hex combination nut M6 galv	2
022.060	10.00.606	Allen screw M5x8 A2	2
022.070	10.00.606	Allen screw M5x8 A2	2
022.080	16.00.856	Pan left front panel assembly	1
022.090	40.02.398	Heating element 1400W (screwed contact)	6
022.100	20.00.710	Graphit plate for heating element 1400W	6
022.110	1105.0121	Hex combination nut M5 galv	24
022.120	46.00.123	Mounting device thermocouple for heating element	3
022.130	10.00.802	Washer Ø50mm for heating element	24
022.150	20.01.508	Spacer for safety temperature limiter	1
022.160	20.01.518	Graphit plate for safety temperature limiter	1
022.180	40.02.337	Safety temperature limiter 215°C	1
022.190	10.00.675	O-ring f. pan valve 17.3 x 2.4	1
022.200	20.00.992	Gasket for plug pan valve	1
022.210	20.00.905	Sheath for pan valve	1
022.220	20.00.970	Plug for pan valve	1
022.250	10.00.647	Raised countersunk allen screw M5x12	1
022.260	10.00.188	Serrated lock washer A5.1	1
022.310	2066.0522	Hose clamp ø 31,3 mm	1
022.320	1108.0260	Hex nut M8	2
022.330	10.01.054	Hexagonal nut with notched flange M5	2
022.360	87.00.339	Thermocouple for heating element	1
022.370	87.00.339	Thermocouple for heating element	1

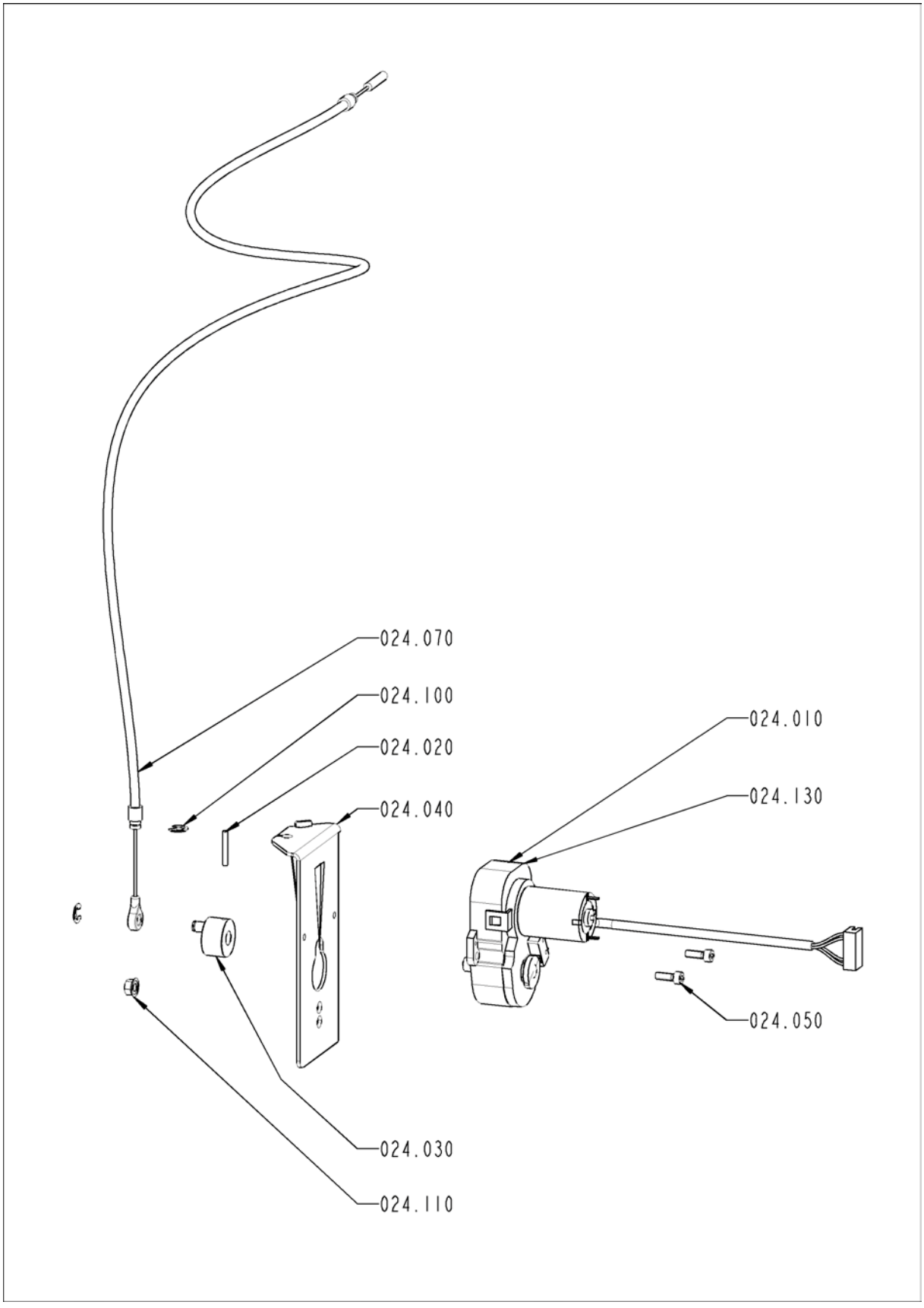
Shaft toppling



Shaft toppling

Pos.	Part no.	Description	Qty.
023.010	20.01.056	Pan shaft right	1
023.020	20.01.068	Left pan shaft	1
023.030	20.01.062	Ring friction pan shaft	2
023.040	20.01.033	Collar	4
023.050	10.00.452	Hex socket set screw cup point A2 M4X4	8
023.060	20.01.059	Lift arm for pan	2
023.070	20.01.061	Fixing plate lever pan	2
023.080	1006.0760	Hex screw M6x16	2
023.090	24.00.760	Shaft hoist swing shaft	2
023.100	10.00.747	Securing device for bolt d=12	2
023.110	40.01.708	Lifting cylinder for left pan	1
023.120	40.01.972	Lifting cylinder for right pan	1

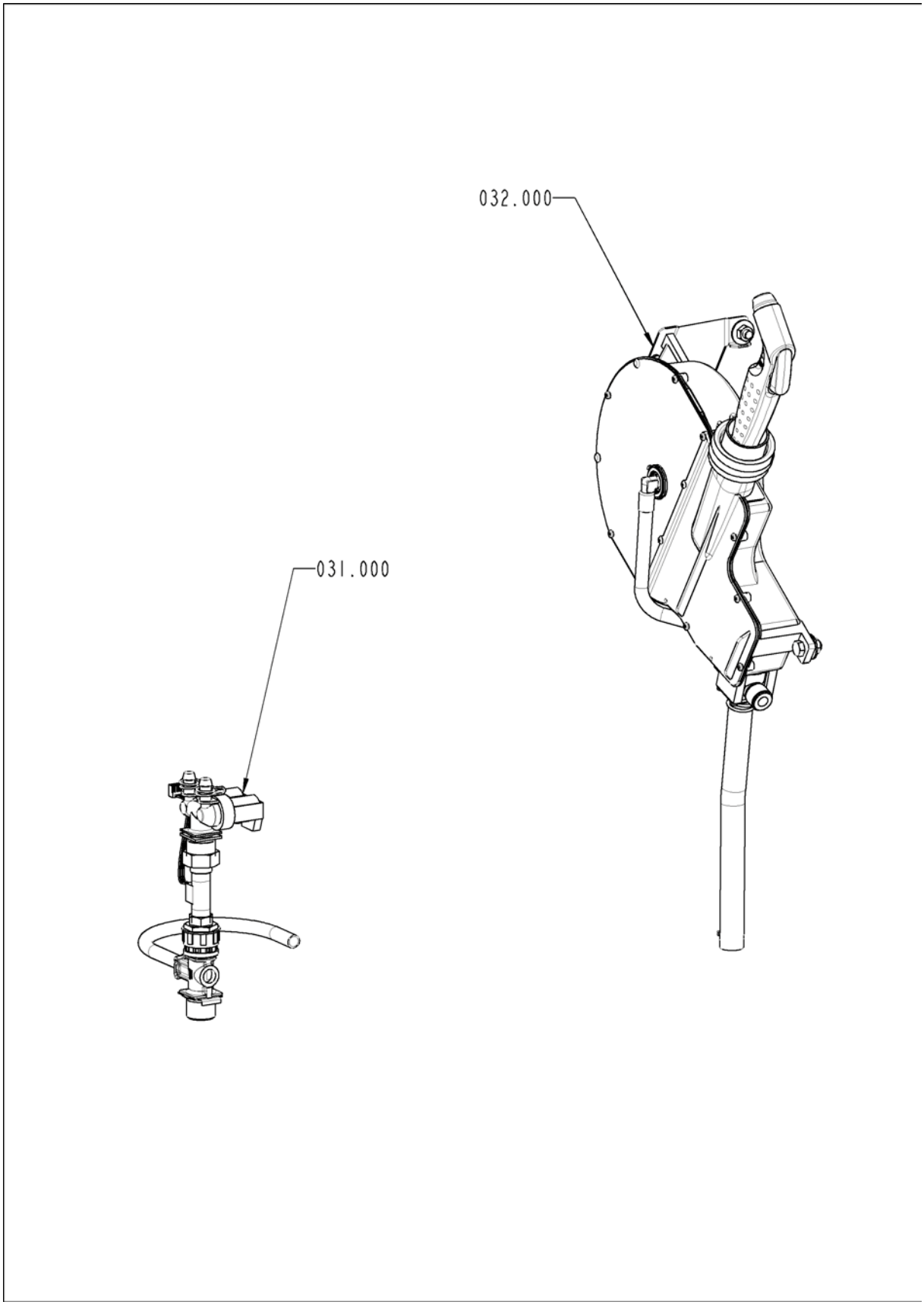
Pan valve


024.070
024.100
024.020
024.040
024.010
024.130
024.050
024.030
024.110

Pan valve

Pos.	Part no.	Description	Qty.
024.010	40.02.400	Actuation for pan valve left w/o pressure	1
024.020	10.00.781	Straight pin ISO2338 A2 3m6x20	2
024.030	20.01.505	Switching cam f. pan drain valve	2
024.040	20.01.600	Support for pan valve motor	2
024.050	1004.0663	Allen screw M4x12	4
024.070	20.01.598	Pan valve cable	2
024.100	1251.1000	Safety washer ø5mm	4
024.110	10.01.054	Hexagonal nut with notched flange M5	2
024.130	20.01.206	Actuation for pan valve right	1

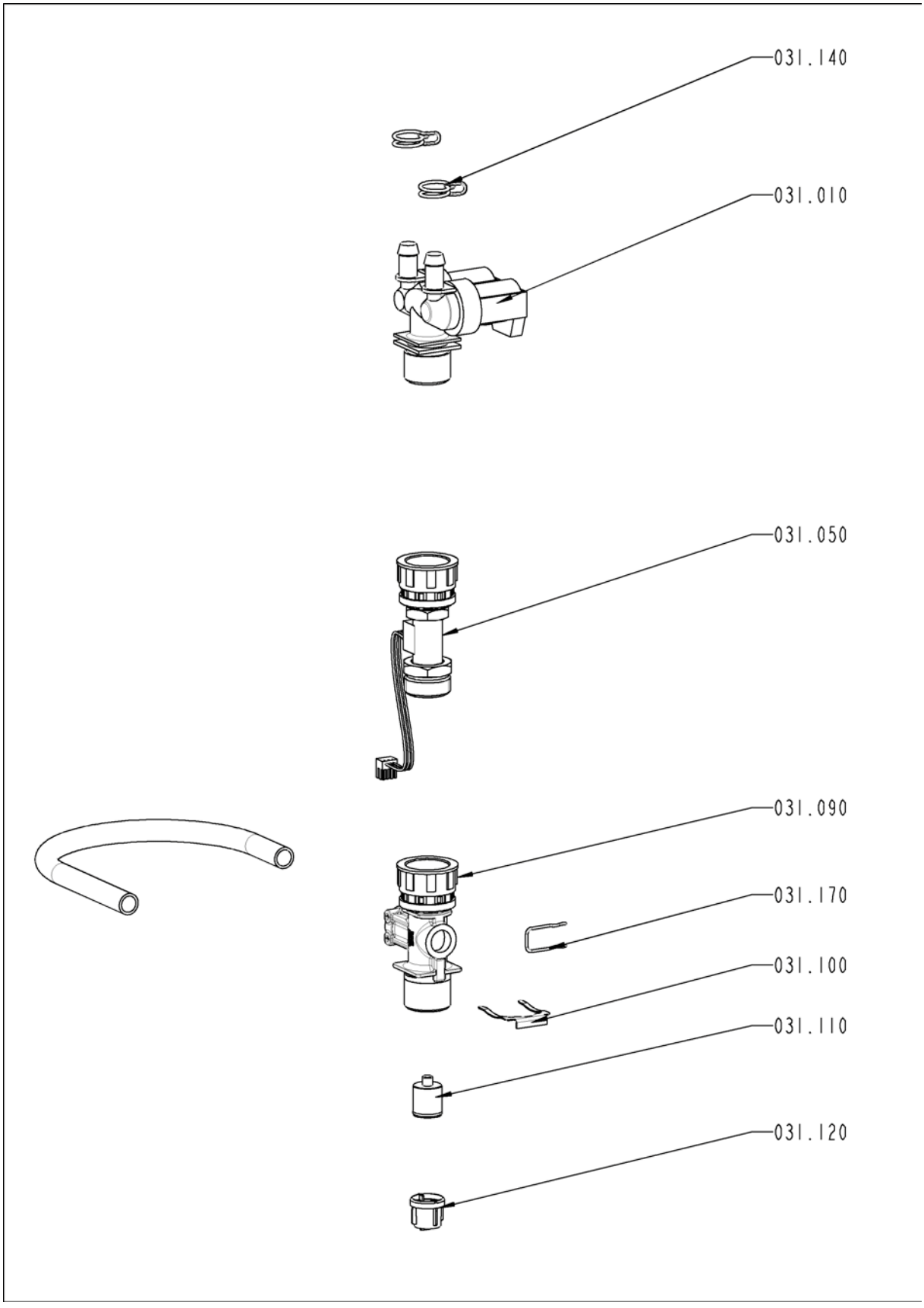
Water distribution, Hand shower roll guide



Water distribution, Hand shower roll guide

Pos.	Part no.	Description	Qty.
031.000		Water distribution	1
032.000		Hand shower roll guide	1

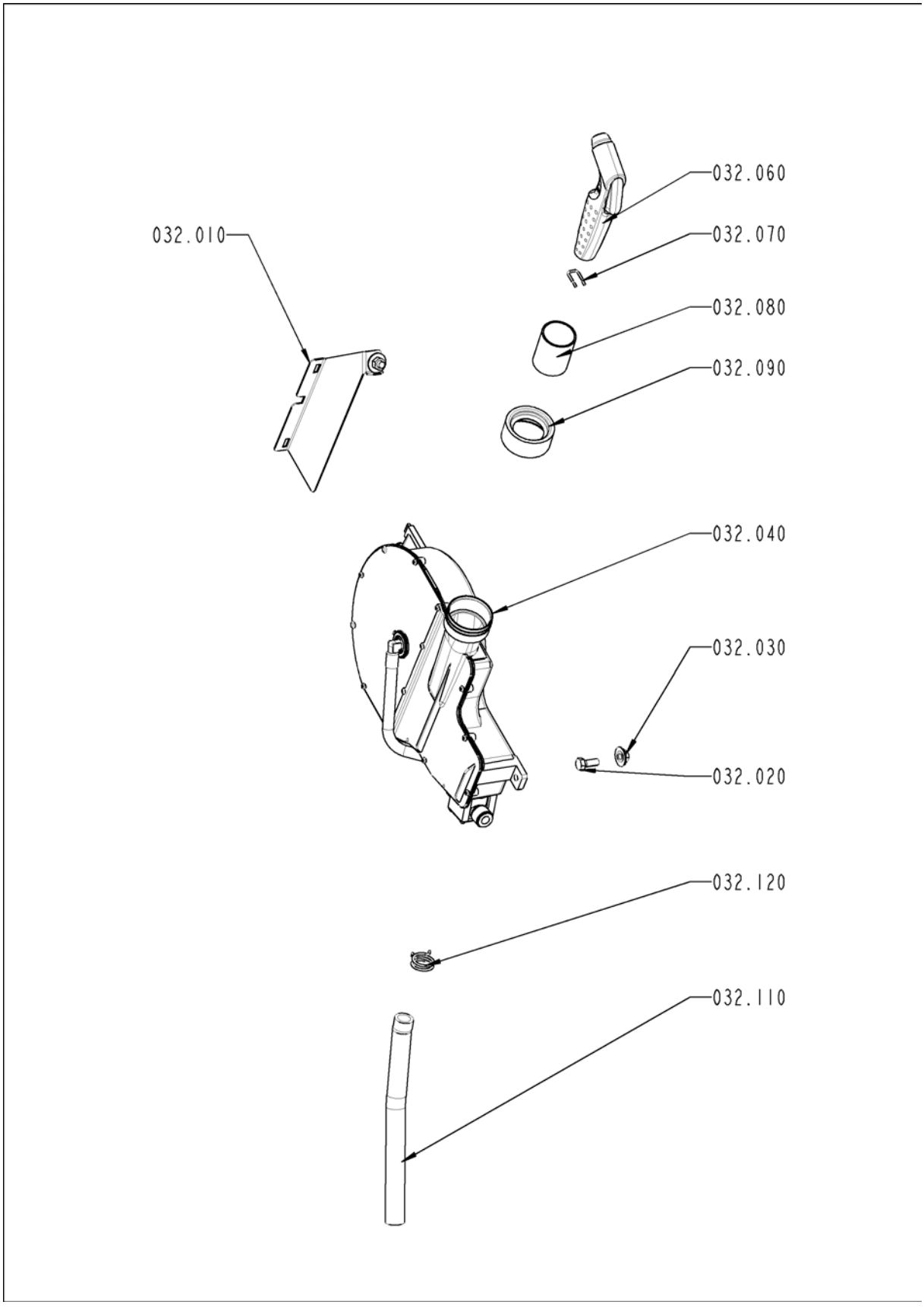
Water distribution



Water distribution

Pos.	Part no.	Description	Qty.
031.050	50.01.195	Water volume sensor with wire	1
031.090	50.00.072	Water distribution vert roll guide con.	1
031.100	50.00.086	Locking plate f. water distribution	1
031.110	50.00.078	Non return valve DW16/DN12	1
031.120	1900.0202	Water filter	1
031.140	2066.0530	Hose clamp ø16.4mm	2
031.170	50.00.085	Plug-in spring f. hand shower roll guide	1
031.240	50.00.642	Double solenoid valve (connector color green/brown)	1

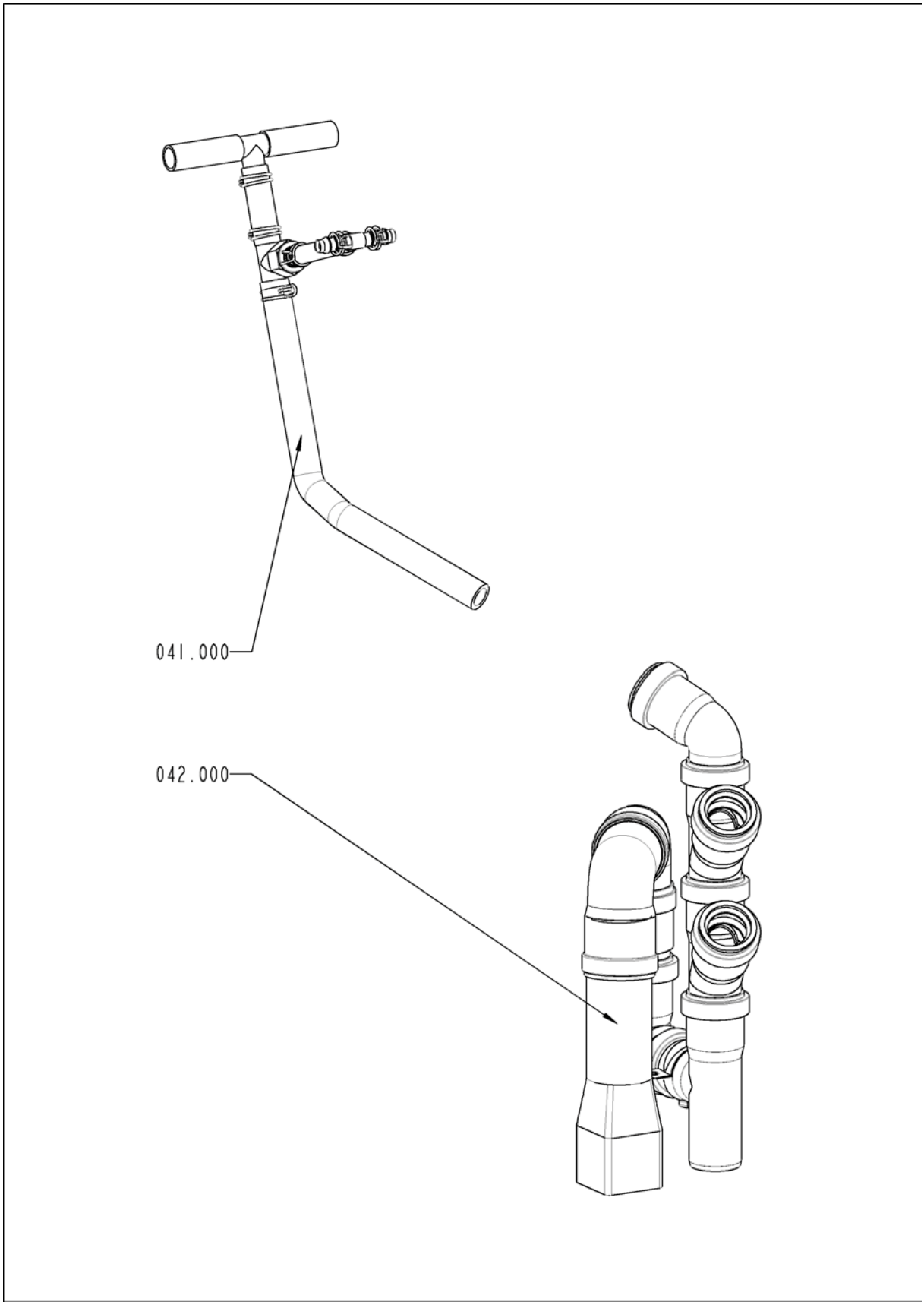
Hand shower roll guide



Hand shower roll guide

Pos.	Part no.	Description	Qty.
032.010	12.00.617	Shower roll guide holder	1
032.020	1008.0763	Hex screw M8x20	2
032.030	10.00.607	Hex combination nut M8	2
032.040	50.00.799	Hand shower roll guide	1
032.060	50.00.549	Hand shower black	1
032.070	50.00.156	Clamp f. hand shower roll guide	1
032.080	50.00.808	Pipe PP L50mm Ø40	1
032.090	50.00.297	Gasket f. tulip	1
032.110	50.00.748	Hose EPDM 15x22 120°	.245
032.120	10.00.814	Hose clamp Ø25.2	1

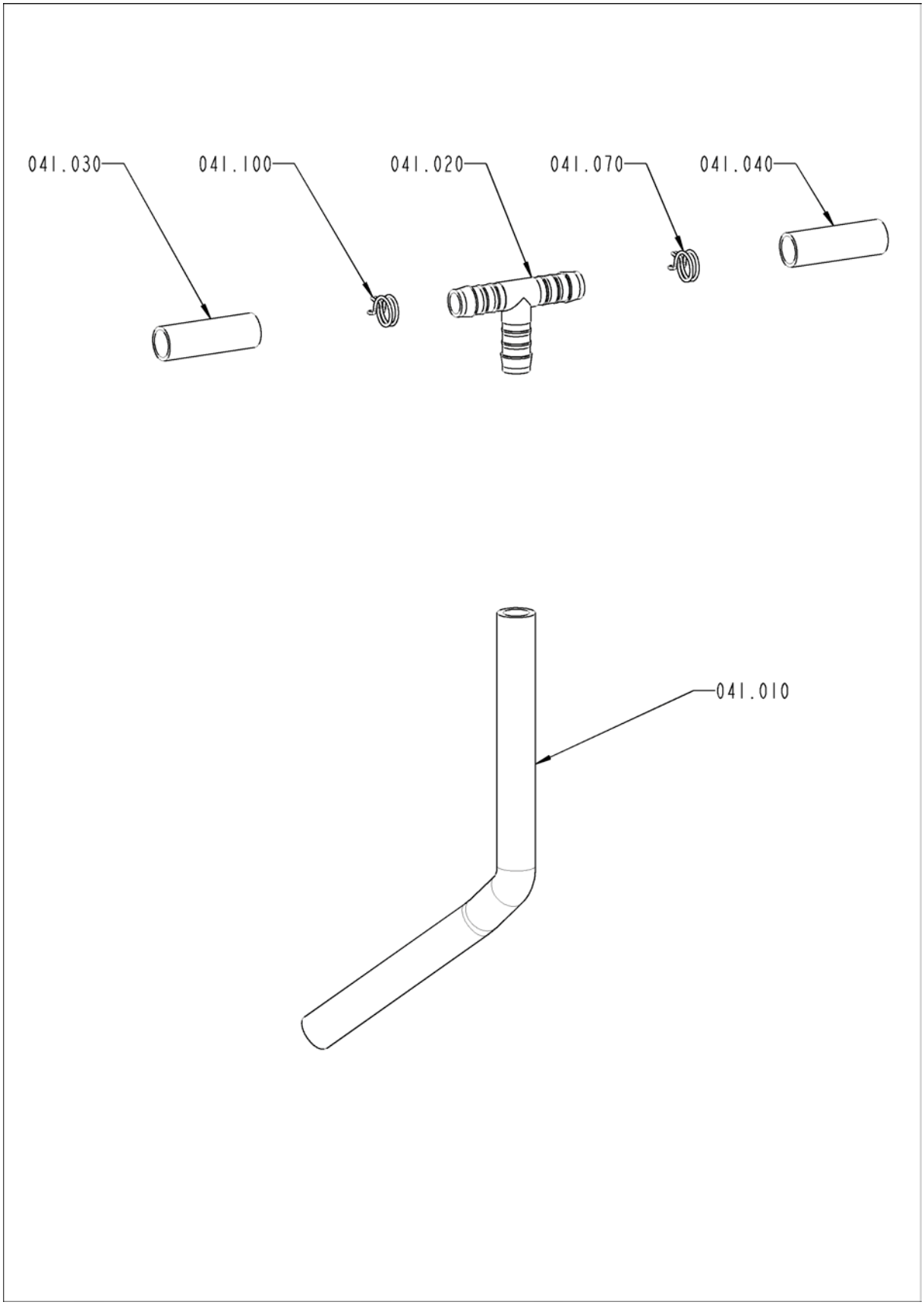
Water drain



Water drain

Pos.	Part no.	Description	Qty.
041.000		Lid drain	1
042.000		Drain	1

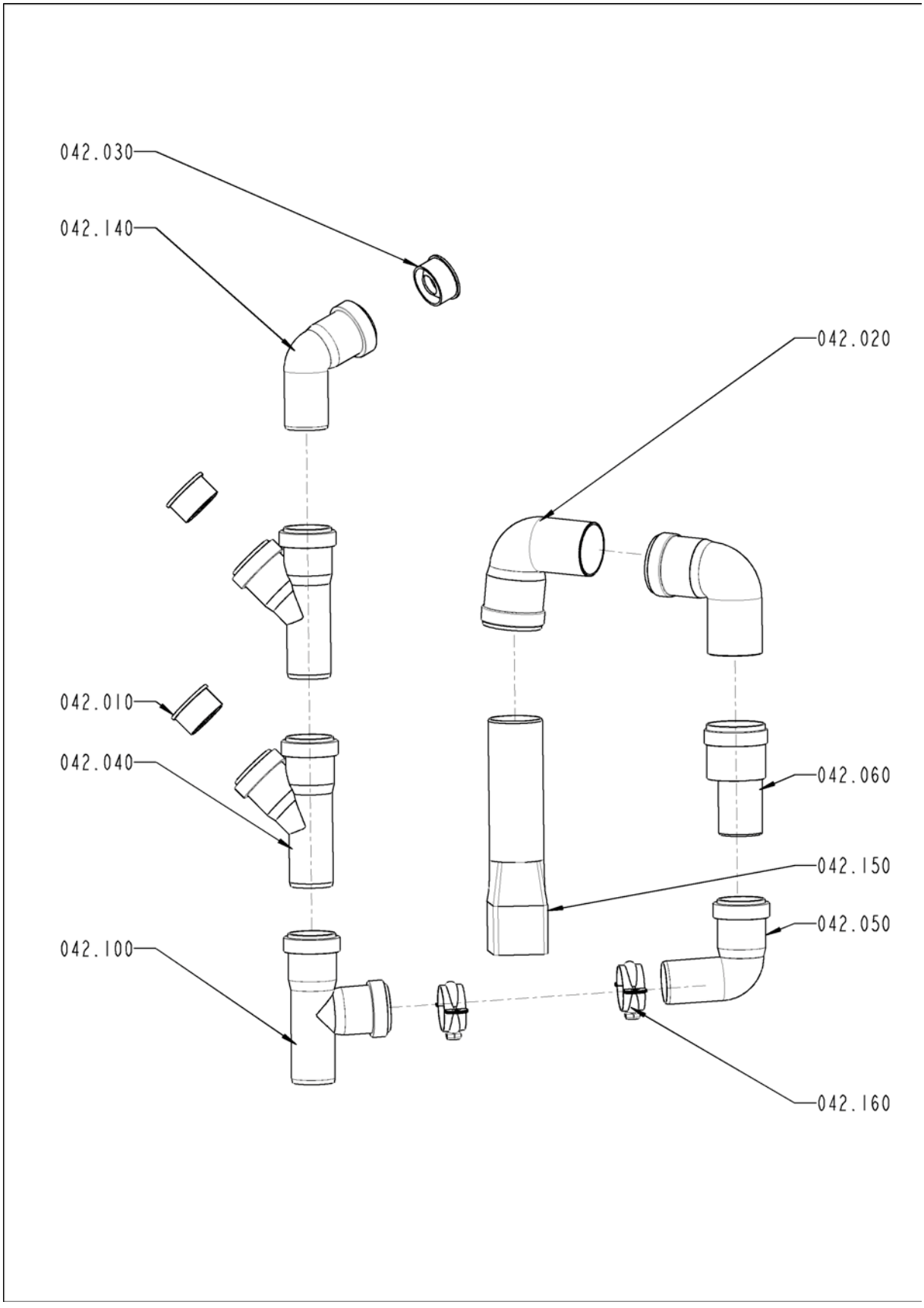
Lid drain



Lid drain

Pos.	Part no.	Description	Qty.
041.010	50.00.748	Hose EPDM 15x22 120°	.48
041.020	50.00.612	T-fitting plastic TS16	1
041.030	50.01.542	Silicone hose DIAM out. 21mm ins. 15mm (per meter)	.06
041.040	50.01.542	Silicone hose DIAM out. 21mm ins. 15mm (per meter)	.06
041.070	2066.0530	Hose clamp ø16.4mm	2
041.100	2066.0530	Hose clamp ø16.4mm	1

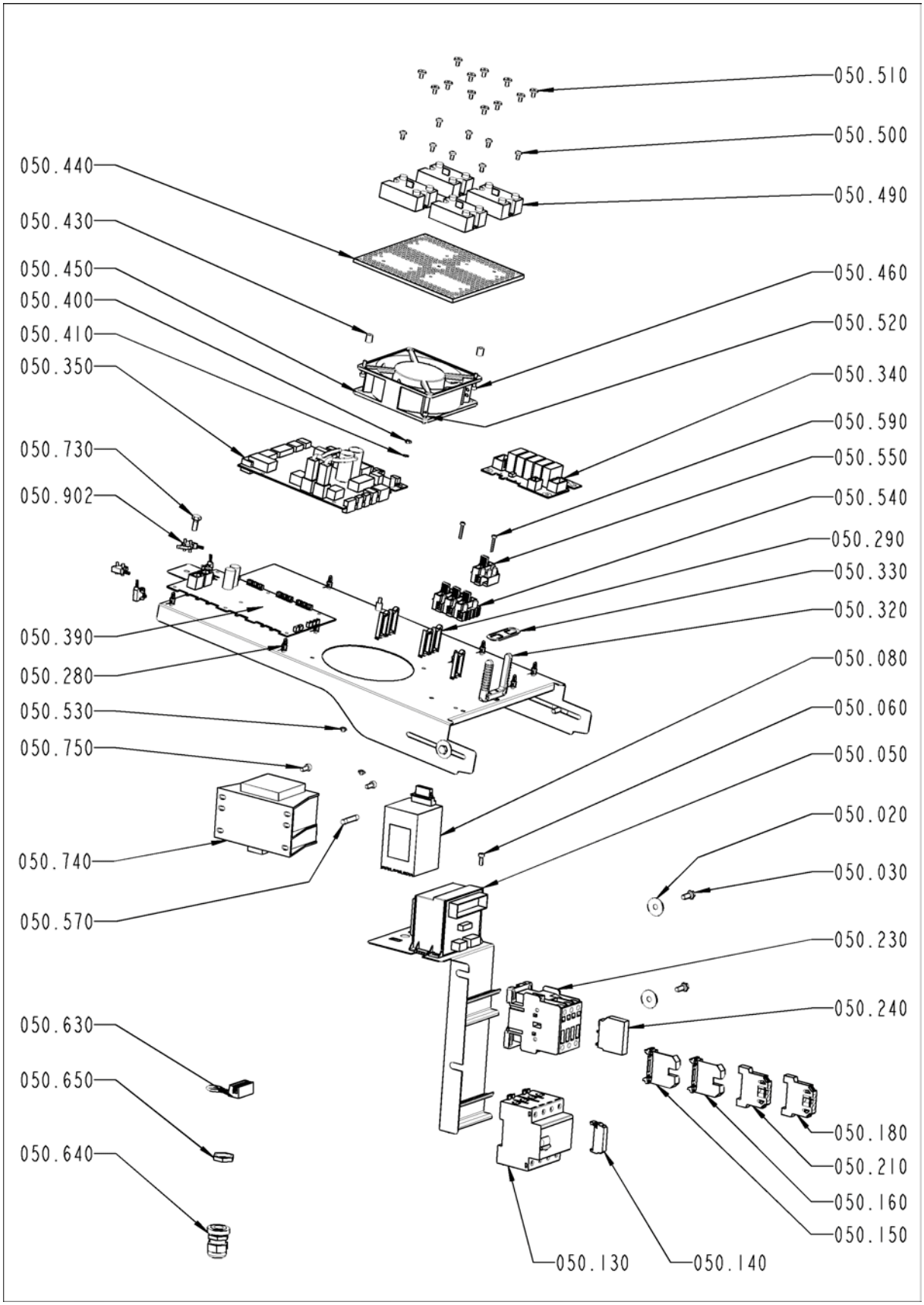
Drain


042.030
042.140
042.020
042.010
042.040
042.060
042.150
042.050
042.100
042.160

Drain

Pos.	Part no.	Description	Qty.
042.010	54.00.581	Bushing PP D40/D30-32	2
042.020	54.00.560	Elbow-pipe PP DN50 87°	2
042.030	54.00.582	Bushing PP D40/D20	1
042.040	54.00.589	Y PP DN40 45°	2
042.050	54.00.575	Elbow-pipe PP DN40 87.5°	1
042.060	54.00.593	Bushing PP D50/D40	1
042.100	54.00.571	Y PP DN40 87°	1
042.140	54.00.573	Elbow-pipe PP DN40 67.5°	1
042.150	54.00.584	Tube 200mm Ø50 to square 50x50	1
042.160	54.00.598	Pipe clamp D40	2

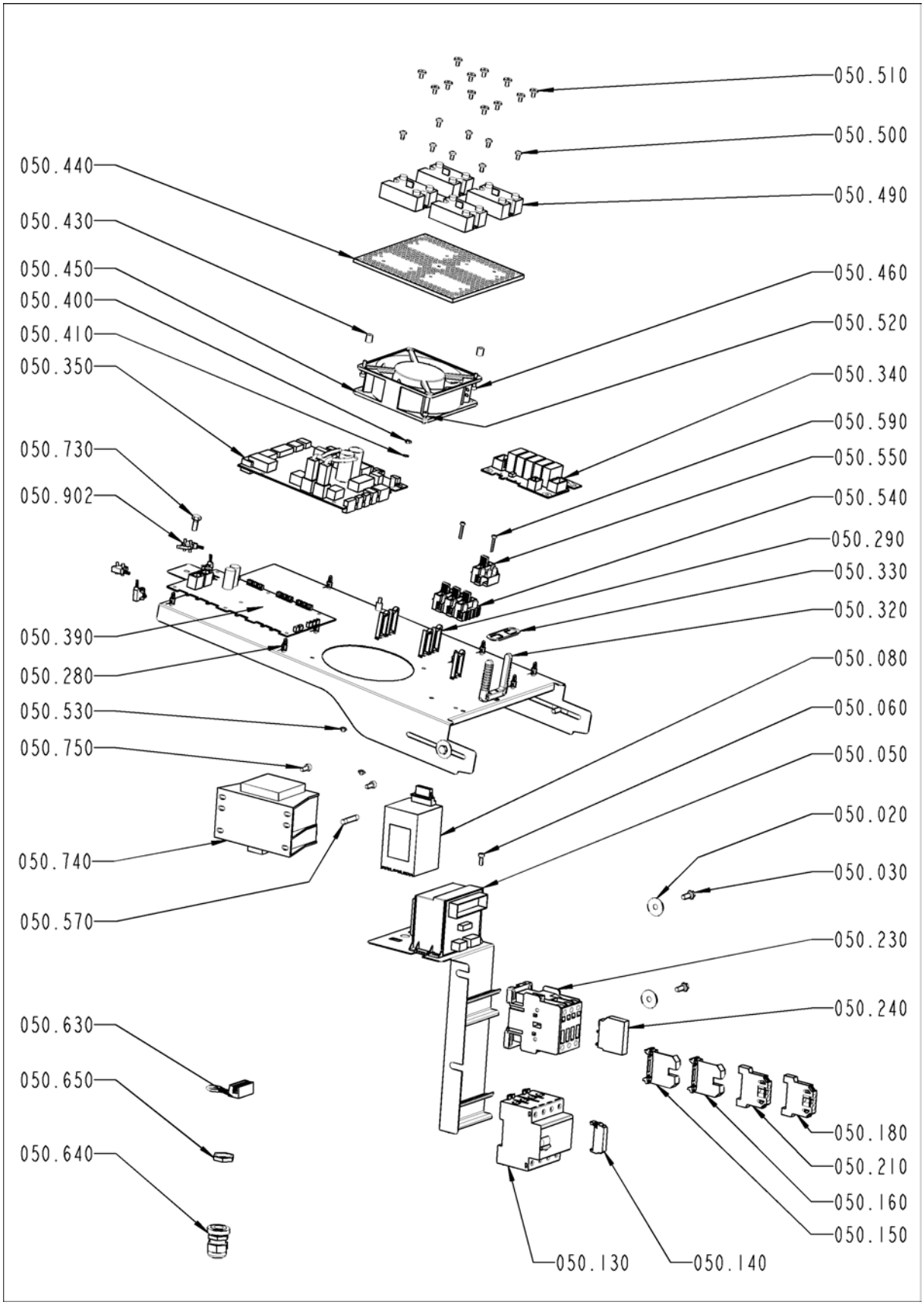
Contactor assembly



Contactor assembly

Pos.	Part no.	Description	Qty.
050.020	10.00.186	Washer broad LL6	2
050.030	1006.0760	Hex screw M6x16	2
050.050	40.00.277	Control transformer	1
050.060	1004.0663	Allen screw M4x12	1
050.080	40.02.967	Electronic noice filter	1
050.090	10.00.607	Hex combination nut M8	1
050.130	40.01.255	Differential switch	1
050.180	40.02.872	Earth terminal 10mm² yellow/green	1
050.210	40.02.872	Earth terminal 10mm² yellow/green	1
050.230	40.02.809	Contactor B&J K3-24B00 230	1
050.280	40.01.579	Fixing clip f. pcb	13
050.290	10.00.111	Cable clip long	8
050.320	10.00.676	Bundle-clip	1
050.330	10.00.677	Snap on cap f. bundle-clip	1
050.340	42.00.052	X relay pcb	1
050.350	42.00.054	Relay-I/O pcb	1
050.390	42.00.039	Relay-I/O pcb A4	1
050.400	1104.0120	Hex nut M4	2
050.410	10.00.187	Lock washer AZ 4	2
050.430	40.02.015	Distance nut PA H10 x 4.3 D.8MM	3
050.440	40.01.967	Fixing device for SSR	1
050.450	3101.1008	Cooling fan	1
050.460	10.00.954	Scew 4x18	2
050.490	40.01.589	Solid state relais	4
050.500	10.00.444	Raised countersunk head screw Torx M4x8	8
050.510	10.00.507	Pan head screw Torx 5/16" T20	12
050.520	1004.0663	Allen screw M4x12	2
050.530	1104.0121	Hex nut M4 self locking	2
050.540	4001.1295	Fuse holder e 1003Si/1DS	3
050.550	40.02.099	Fuse holder 1003SI	1
050.560	4001.0224	Fuse 6.35x32mm	2
050.570	40.01.028	Fuse 5x20 6,3A T	1
050.580	4001.0226	Fuse 6.35x32mm	2
050.580	40.02.144	Fuse 6.32 X 32mm 10A	2
050.580	40.02.877	Fuse 6.3 X 32mm 12,5A	2
050.590	10.00.611	Hex socket head cap screw A2 M3X20	2

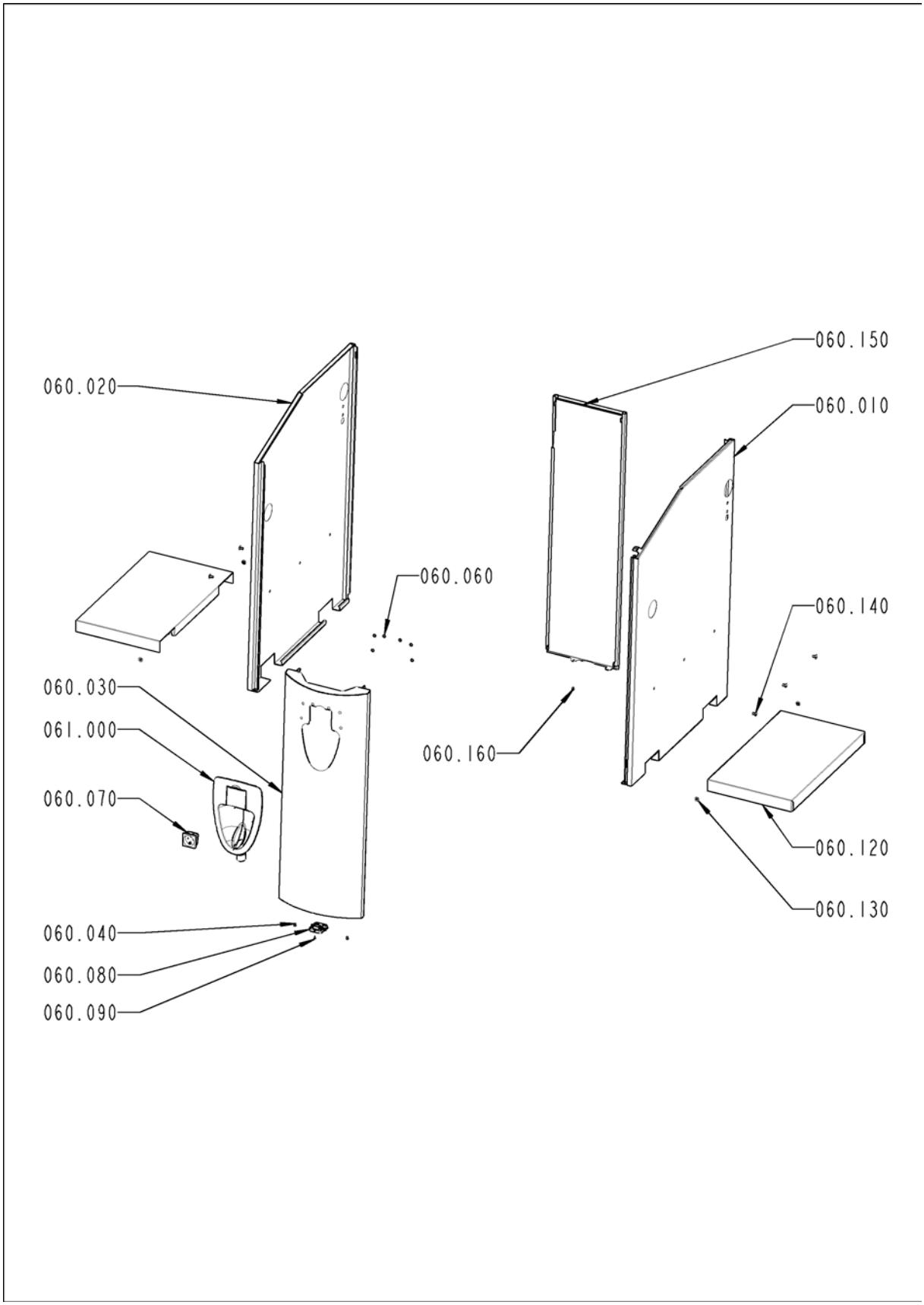
Contactor assembly



Contactor assembly

Pos.	Part no.	Description	Qty.
050.740	40.03.647	Transformer	1
050.750	1105.0121	Hex combination nut M5 galv	2
050.901	40.02.776	Beam X128/129/131/132 pwr supply jacks	1
050.902	40.03.116	Bundle X11-X12/X26 with micro-switch	1
050.908	40.02.242	Cable X1 X46 112	1
050.909	40.02.854	Beam I/O-A4 X117/X118/X119-SSR	1
050.912	40.01.898	Cable I/O A4 pcb X120	1
050.917	40.02.786	Cable X13-X126	1
050.918	40.02.753	Cable X14	1
050.919	40.02.262	Cable X19 left	1
050.922	40.02.249	Cable X24 left	1
050.925	40.02.802	Bus cable 0.2m RJ45	1
050.927	40.00.472	Bus cable 1.3m	1
050.928	40.03.648	Control harness	1
050.929	40.02.528	Control harness	1
050.930	40.03.113	Power harness K1 output 112	1

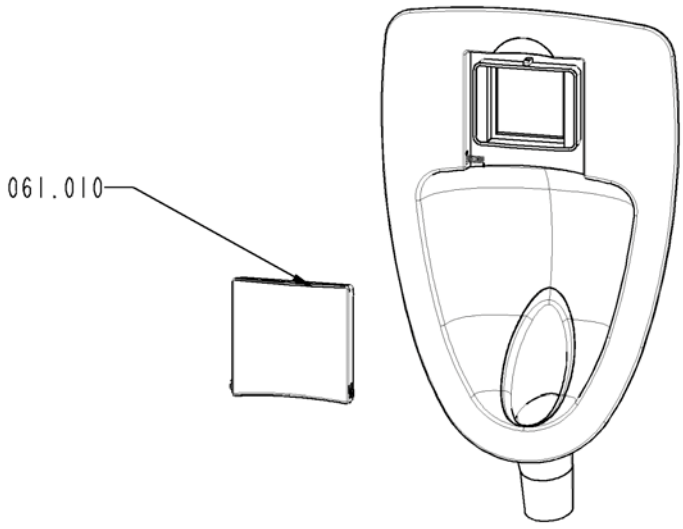
Exterior cabinet



Exterior cabinet

Pos.	Part no.	Description	Qty.
060.010	16.02.190	Side panel right for console	1
060.020	16.02.001	Side panel left console	1
060.030	16.01.467	Front panel console	1
060.040	10.00.606	Allen screw M5x8 A2	2
060.060	1107.0101	Star lock ø5	6
060.070	40.01.409	Socket 2P+T 16A (France)	1
060.070	40.02.098	Socket 2P+T 13A (GB)	1
060.070	40.02.097	Socket 2P+T 16A (IT)	1
060.070	40.01.410	Socket 2P+T 16A (Germany)	1
060.070	40.02.096	Socket 2P+T 10A (CH)	1
060.080	16.00.329	Cover f. USB interface	1
060.090	10.00.103	EJOT PT-screw KA 3.5x10	1
060.100	40.00.470	Interface cable USB 1.5m	1
060.110	10.00.460	EJOT PT-Screw Torx 3,5x14	2
060.150	16.01.464	Back panel console	1
060.160	10.00.606	Allen screw M5x8 A2	1
061.000	16.00.724	Tulip cpl.black RAL7021	1

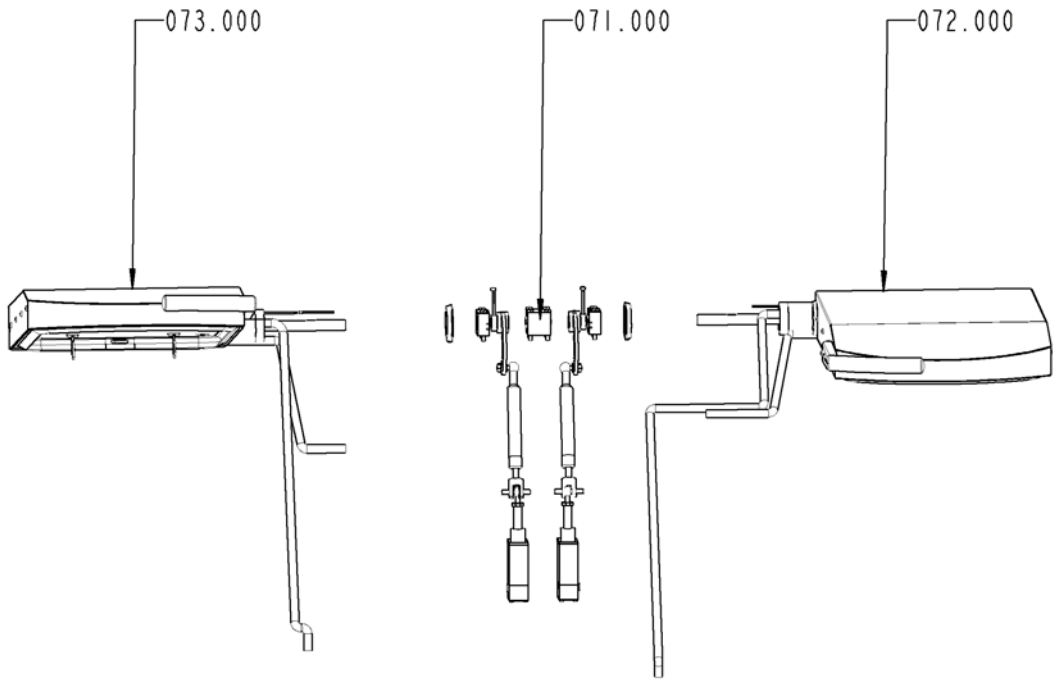
Tulip



Tulip

Pos.	Part no.	Description	Qty.
061.010	87.00.195	Socket cover for tulip black	1

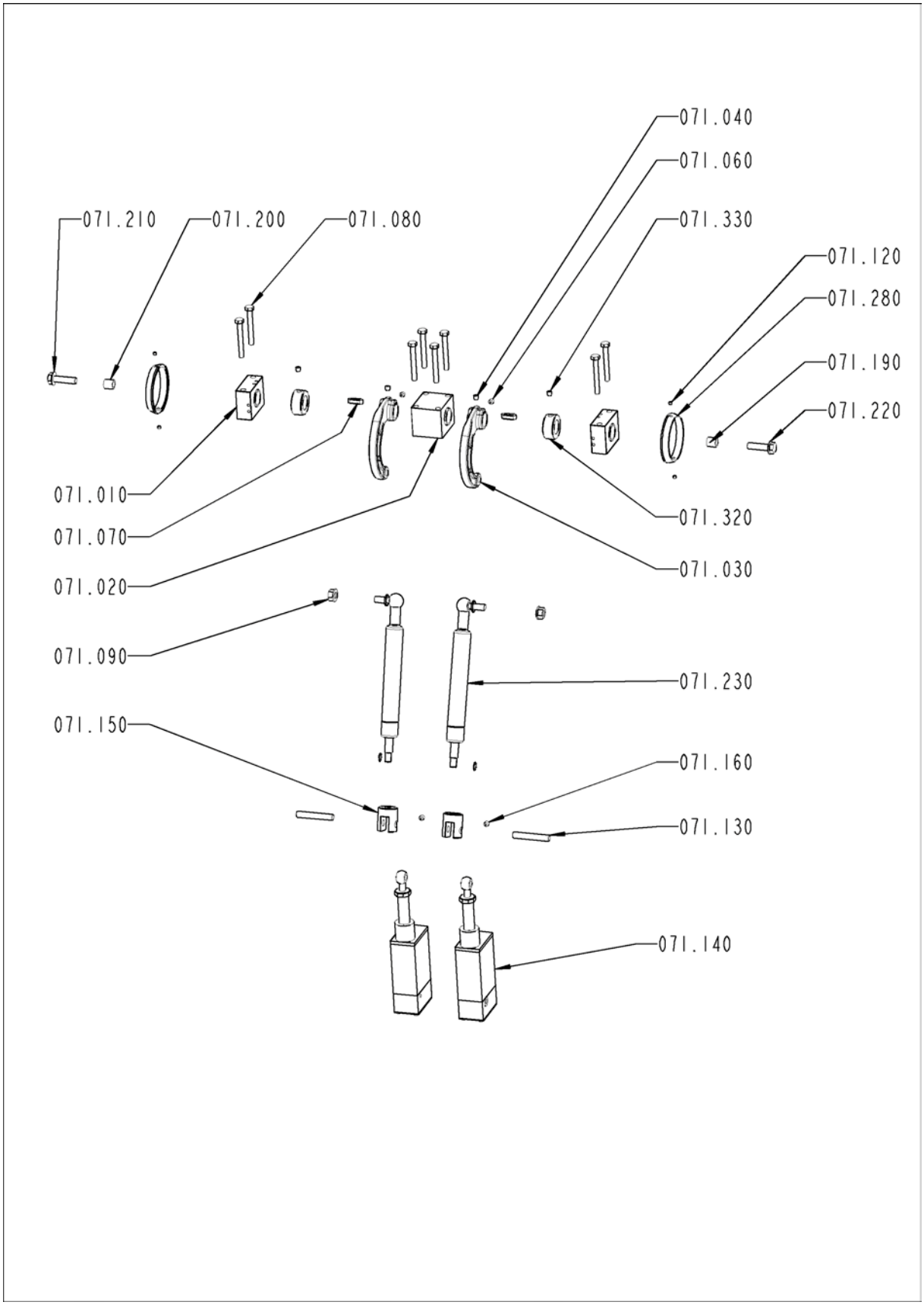
Lid



Lid

Pos.	Part no.	Description	Qty.
071.000		Shafting from lid	1
072.000		Lid right	1
073.000		Lid left	1

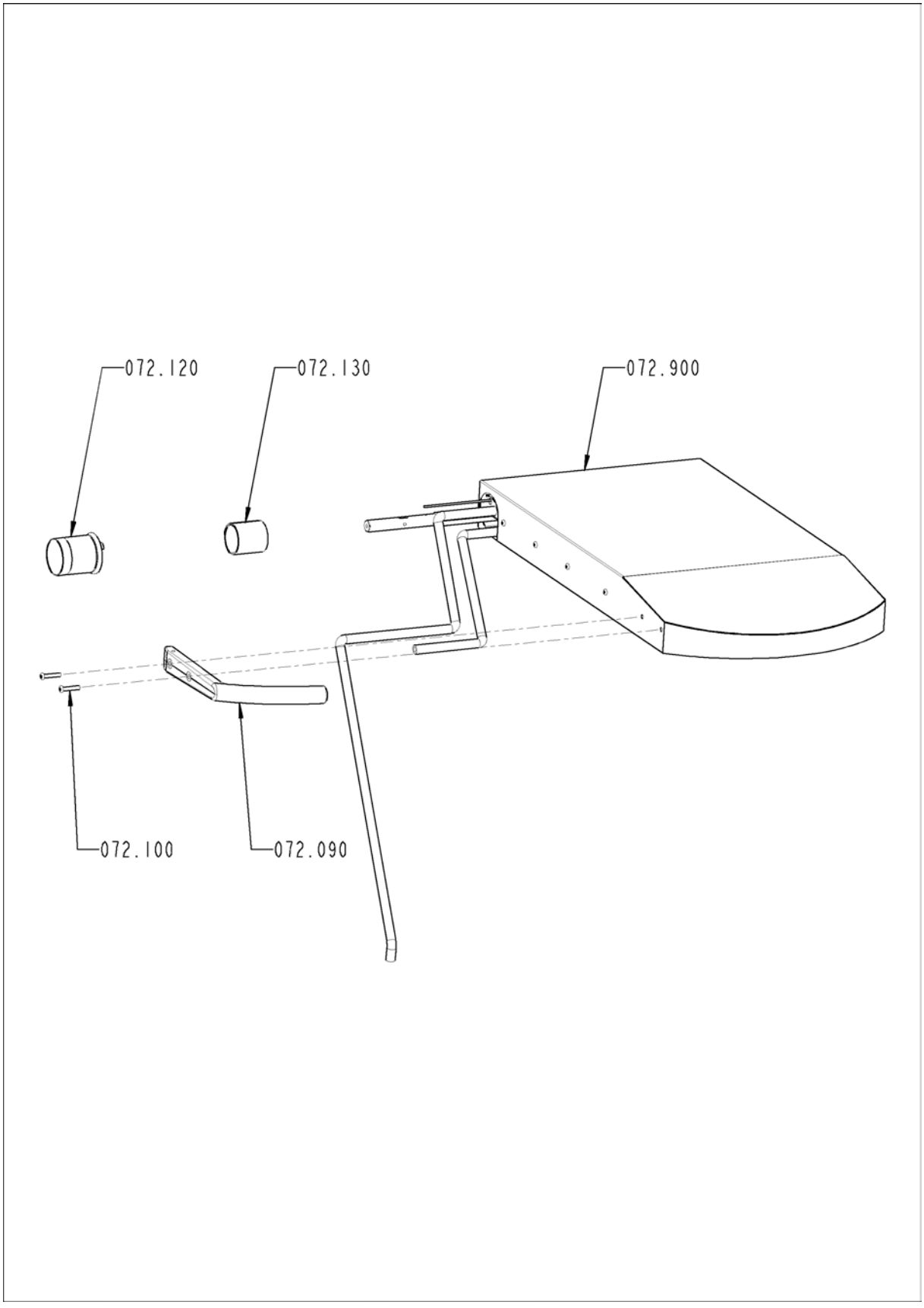
Shafting from lid



Shafting from lid

Pos.	Part no.	Description	Qty.
071.010	24.02.511	Bearing shaft lid left	1
071.020	24.02.509	Bearing shaft lid central	1
071.030	24.01.802	Arm raising lid	2
071.040	10.00.595	Hex socket set screw cup point A2_70 M6x6 Tuflok	4
071.050	24.02.513	Bearing shaft lid right	1
071.060	10.01.056	Hex socket set screw cup point A2 M6x8	2
071.070	24.01.903	Key toppling lid	2
071.080	10.00.596	Hex screw M6x50 A2	8
071.090	10.00.607	Hex combination nut M8	2
071.120	10.00.452	Hex socket set screw cup point A2 M4X4	8
071.130	24.00.793	Shaft jack raising lid	2
071.140	24.00.803	Lifting cylinder for lid	2
071.150	24.00.791	Cap of shaft lid	2
071.160	1004.0905	Hex socket set screw M5x6	2
071.190	10.00.652	Tube for drip collector fixation	1
071.200	10.00.652	Tube for drip collector fixation	1
071.210	1008.0769	Ornamental screw M8x30	1
071.220	1008.0769	Ornamental screw M8x30	1
071.230	24.01.539	Gas-filled support 800N	2
071.280	20.01.033	Collar	2
071.320	24.02.166	Stop ring Ø32x14	2
071.330	10.01.056	Hex socket set screw cup point A2 M6x8	2

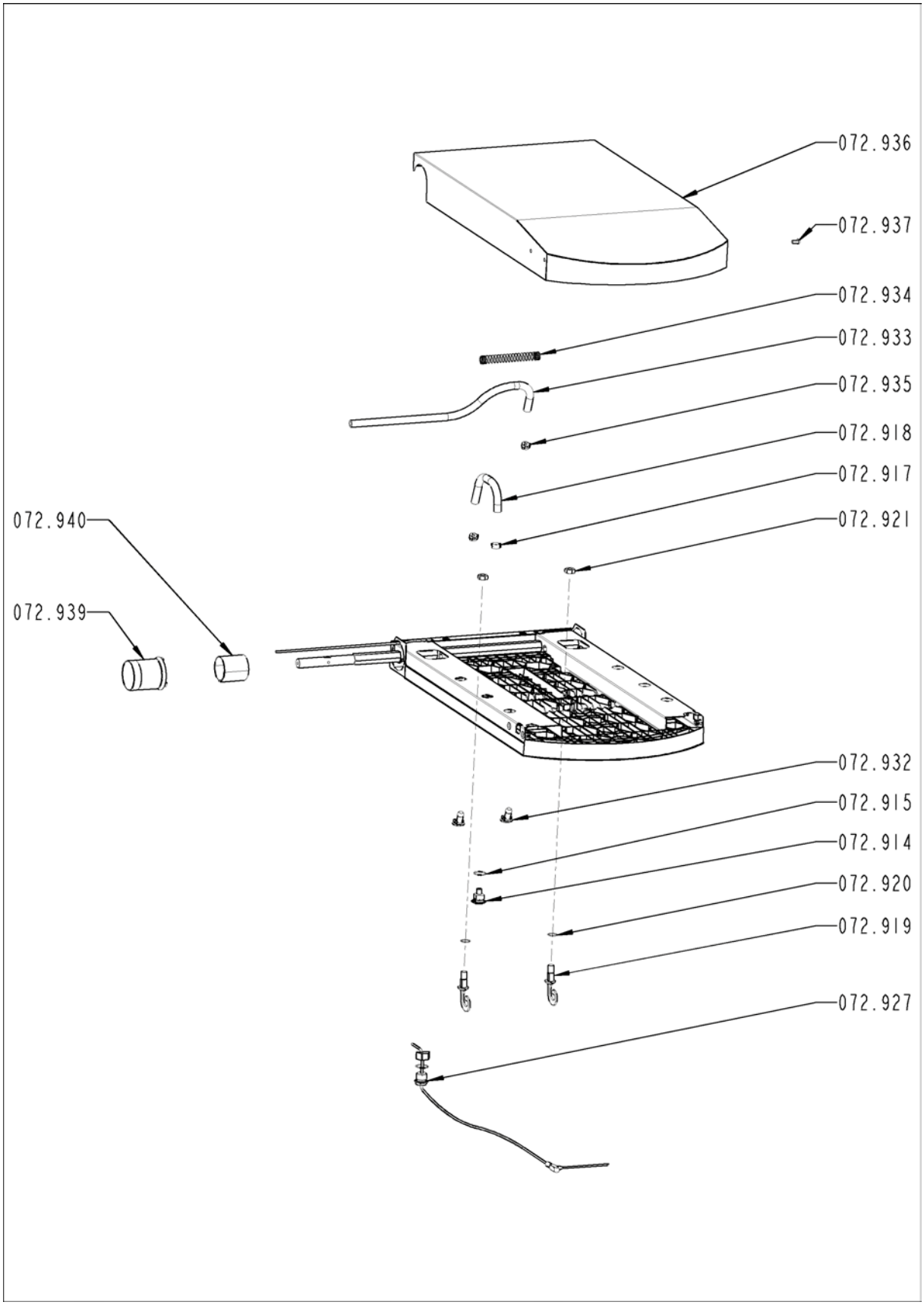
Lid right



Lid right

Pos.	Part no.	Description	Qty.
072.090	24.01.358	Cover handle black	1
072.100	10.00.848	Raised countersunk allen screw M6x30	2
072.120	24.01.393	black lid axis cover	1
072.150	24.02.368	Cover for pressure connection	1
072.160	24.02.519	Lid gasket VCC 112	1
072.900	24.02.467	Lid right complete	1

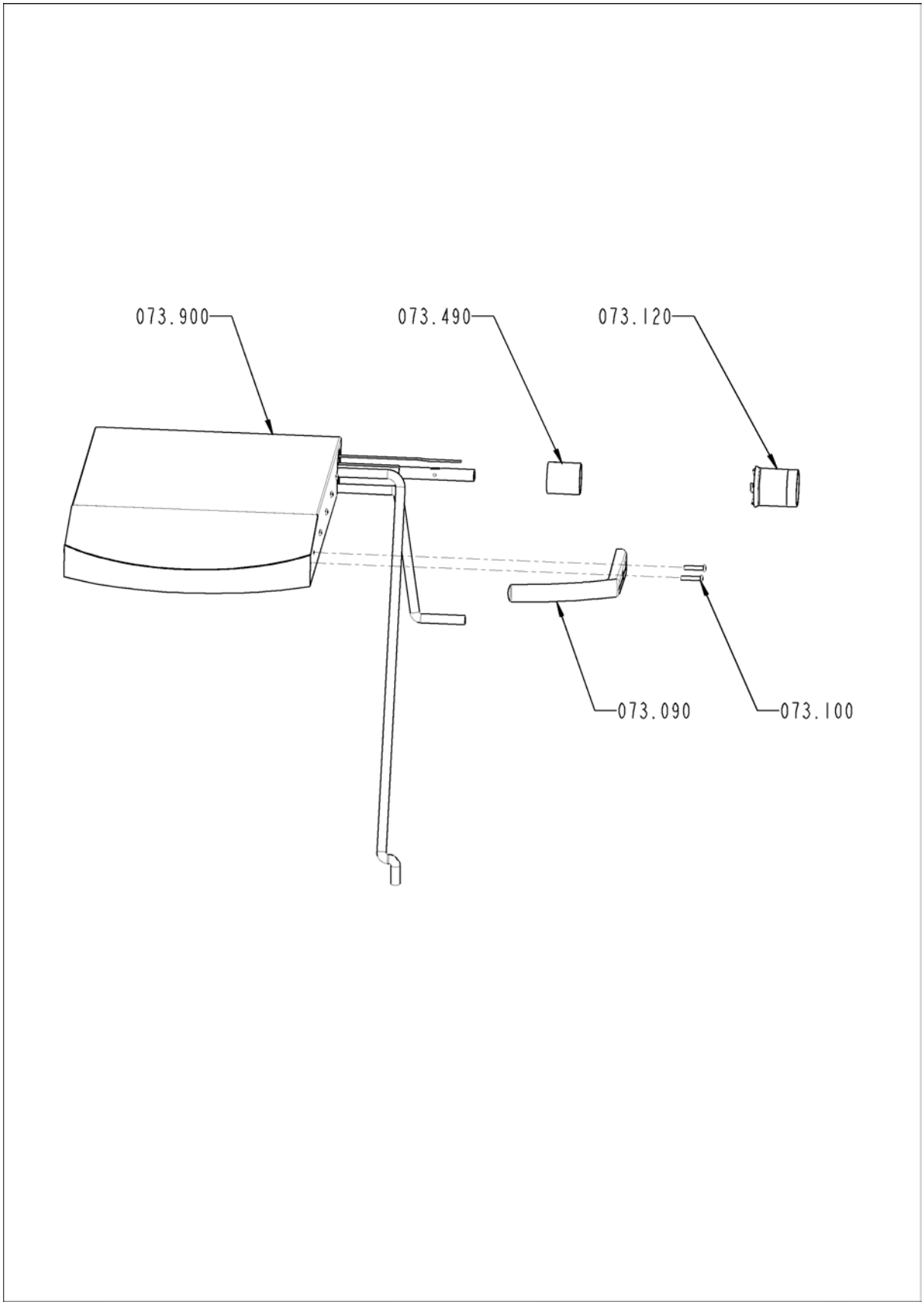
Lid right


072.936
072.937
072.934
072.933
072.935
072.918
072.917
072.921
072.940
072.939
072.932
072.915
072.914
072.920
072.919
072.927

Lid right

Pos.	Part no.	Description	Qty.
072.914	24.02.431	Support of cover for pressure connection	1
072.915	20.00.680	O-ring 21x 1.5	1
072.917	10.01.132	Hose clamp clic R86-145	2
072.918	50.00.568	Silicone hose diameter out 14mm in 8mm	.18
072.919	24.02.438	Hook of basket	2
072.920	10.00.854	O-ring 15x1,5	2
072.921	24.00.280	Hex nut M10 A2	2
072.927	24.02.291	Core temperature probe	1
072.932	50.00.713	Water nozzle	2
072.933	50.00.568	Silicone hose diameter out 14mm in 8mm	1.28
072.934	50.00.617	Spring f. hose, water filling	1
072.935	10.01.132	Hose clamp clic R86-145	1
072.936	24.02.459	Lid cover right	1
072.937	10.00.848	Raised countersunk allen screw M6x30	1
072.939	24.01.393	black lid axis cover	1
072.940	24.02.415	Bandage protection Velcro 50x200	.2

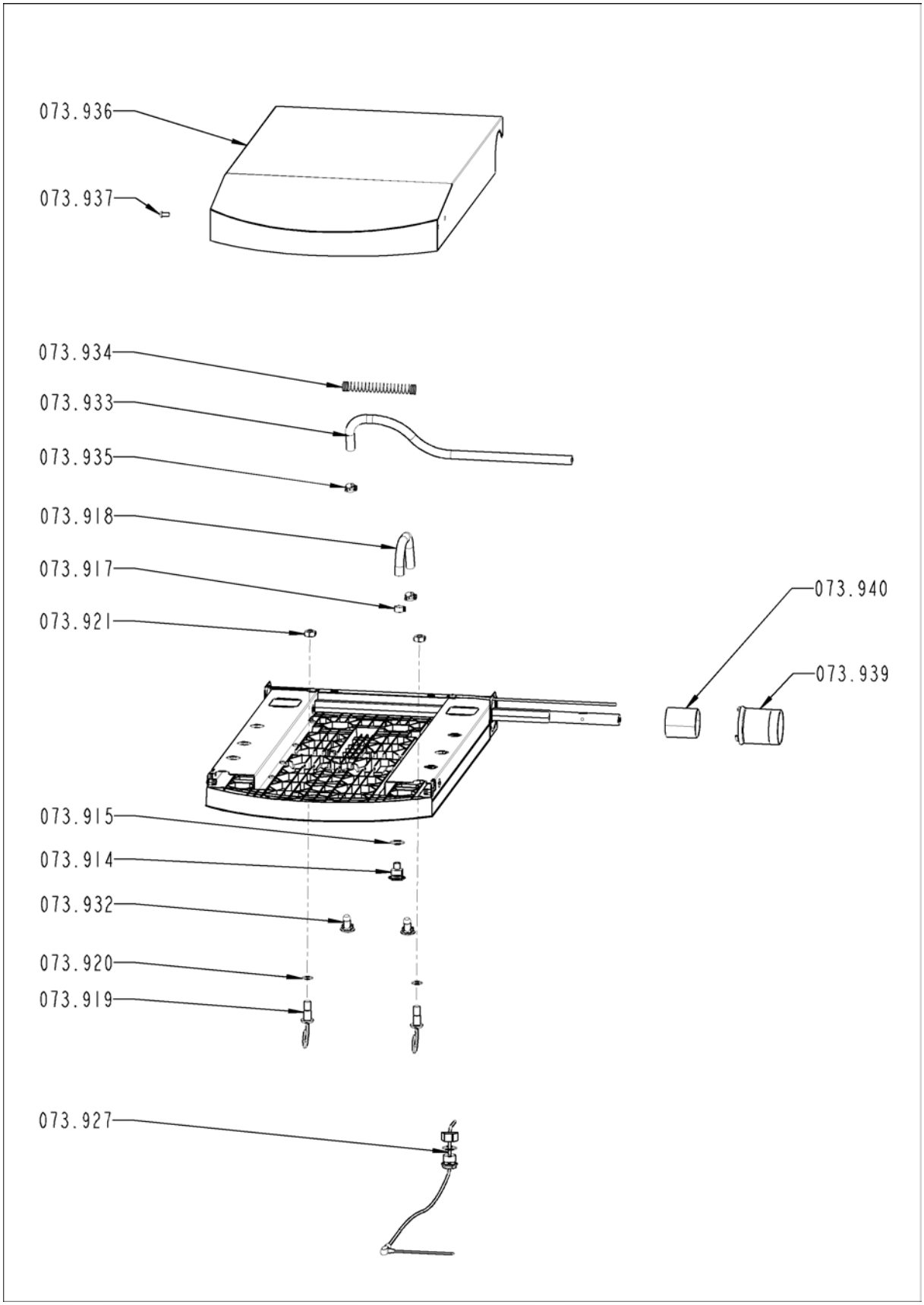
Lid left



Lid left

Pos.	Part no.	Description	Qty.
073.090	24.01.358	Cover handle black	1
073.100	10.00.848	Raised countersunk allen screw M6x30	2
073.120	24.02.519	Lid gasket VCC 112	1
073.140	24.02.368	Cover for pressure connection	1
073.900	24.02.466	Lid left complete	1

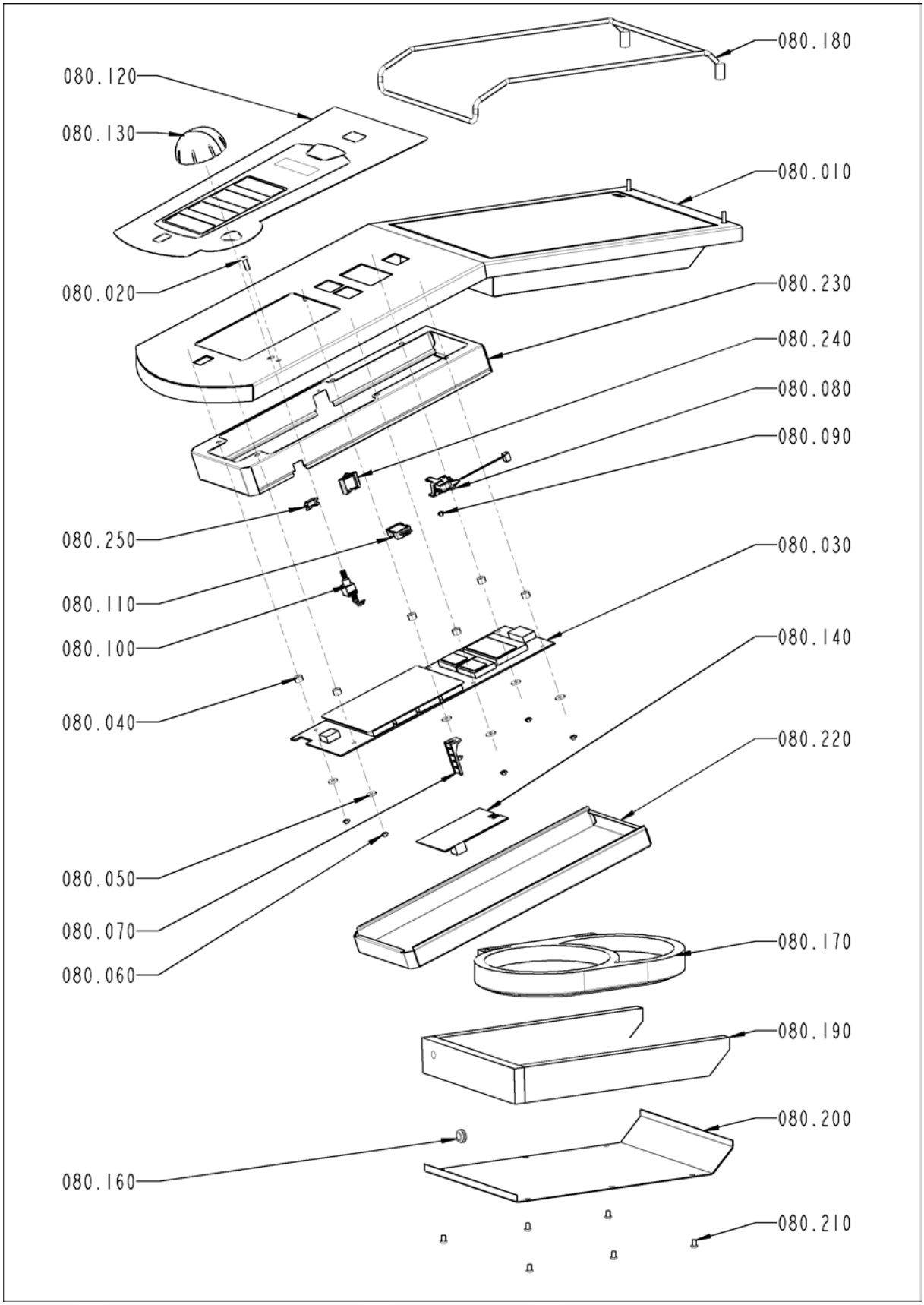
Lid left


073.936
073.937
073.934
073.933
073.935
073.918
073.917
073.921
073.940
073.939
073.915
073.914
073.932
073.920
073.919
073.927

Lid left

Pos.	Part no.	Description	Qty.
073.914	24.02.431	Support of cover for pressure connection	1
073.915	20.00.680	O-ring 21x 1.5	1
073.917	10.01.132	Hose clamp clic R86-145	2
073.918	50.00.568	Silicone hose diameter out 14mm in 8mm	.18
073.919	24.02.438	Hook of basket	2
073.920	10.00.854	O-ring 15x1,5	2
073.921	24.00.280	Hex nut M10 A2	2
073.927	24.02.291	Core temperature probe	1
073.932	50.00.713	Water nozzle	2
073.933	50.00.568	Silicone hose diameter out 14mm in 8mm	1.28
073.934	50.00.617	Spring f. hose, water filling	1
073.935	10.01.132	Hose clamp clic R86-145	1
073.936	24.02.457	Lid cover left	1
073.937	10.00.848	Raised countersunk allen screw M6x30	1
073.939	24.01.393	black lid axis cover	1
073.940	24.02.415	Bandage protection Velcro 50x200	.2

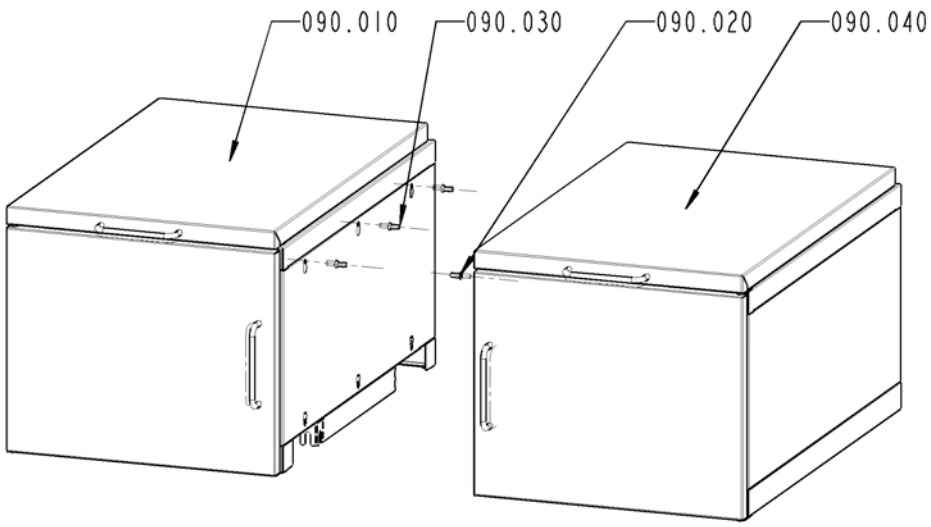
Control panel



Control panel

Pos.	Part no.	Description	Qty.
080.010	87.00.262	Control panel Vitro with overlay FRIMA	1
080.011	87.00.112	Foam gasket	1
080.020	10.00.610	Allen screw A2 M5X16	1
080.030	42.00.002V	Control pcb	1
080.040	40.03.472	Distance bush PA H6,7x5,2 Ø10	6
080.050	1306.0218	Washer A4,3	6
080.060	1104.0121	Hex nut M4 self locking	6
080.080	40.02.087	Buzzer	1
080.090	1104.0121	Hex nut M4 self locking	1
080.100	40.00.404	Pulse generator	1
080.110	87.00.165	External memory flashed	1
080.120	16.00.864	Overlay VCC/E *FRIMA*	1
080.130	16.00.231	Dial f. pulse generator OEM, black-grey	1
080.150	40.02.280	Power harness Vitro	1
080.160	40.00.852	Grommet ø9.5	1
080.170	40.01.612	Heating element f. vitro	1
080.180	60.70.618	Safety loop Vitro	1
080.190	40.02.477	Insulation kit vitro	1
080.200	16.01.360	Bottom panel insulation vitro	1
080.210	10.00.606	Allen screw M5x8 A2	6
080.220	16.01.904	Upper PCB protection	1
080.230	16.01.905	Lower PCB protection	1
080.240	40.03.412	Protection of cable 0.8-1.6	1
080.250	40.03.417	Protection of cable 0.8-1.1	1

Storage case



Storage case

Pos.	Part no.	Description	Qty.
090.010	16.01.230	Storage case left with door	1
090.010	16.01.230	Storage case left with door	1
090.010	16.01.230	Storage case left with door	1
090.010	16.01.230	Storage case left with door	1
090.010	16.01.230	Storage case left with door	1
090.010	16.01.230	Storage case left with door	1
090.020	10.00.756	Hex socket countersunk head screw M6x16	3
090.030	10.00.756	Hex socket countersunk head screw M6x16	3
090.040	16.01.251	Storage case right with door	1
090.040	16.01.251	Storage case right with door	1
090.040	16.01.251	Storage case right with door	1
090.040	16.01.251	Storage case right with door	1
090.040	16.01.251	Storage case right with door	1
090.040	16.01.251	Storage case right with door	1

Accessories

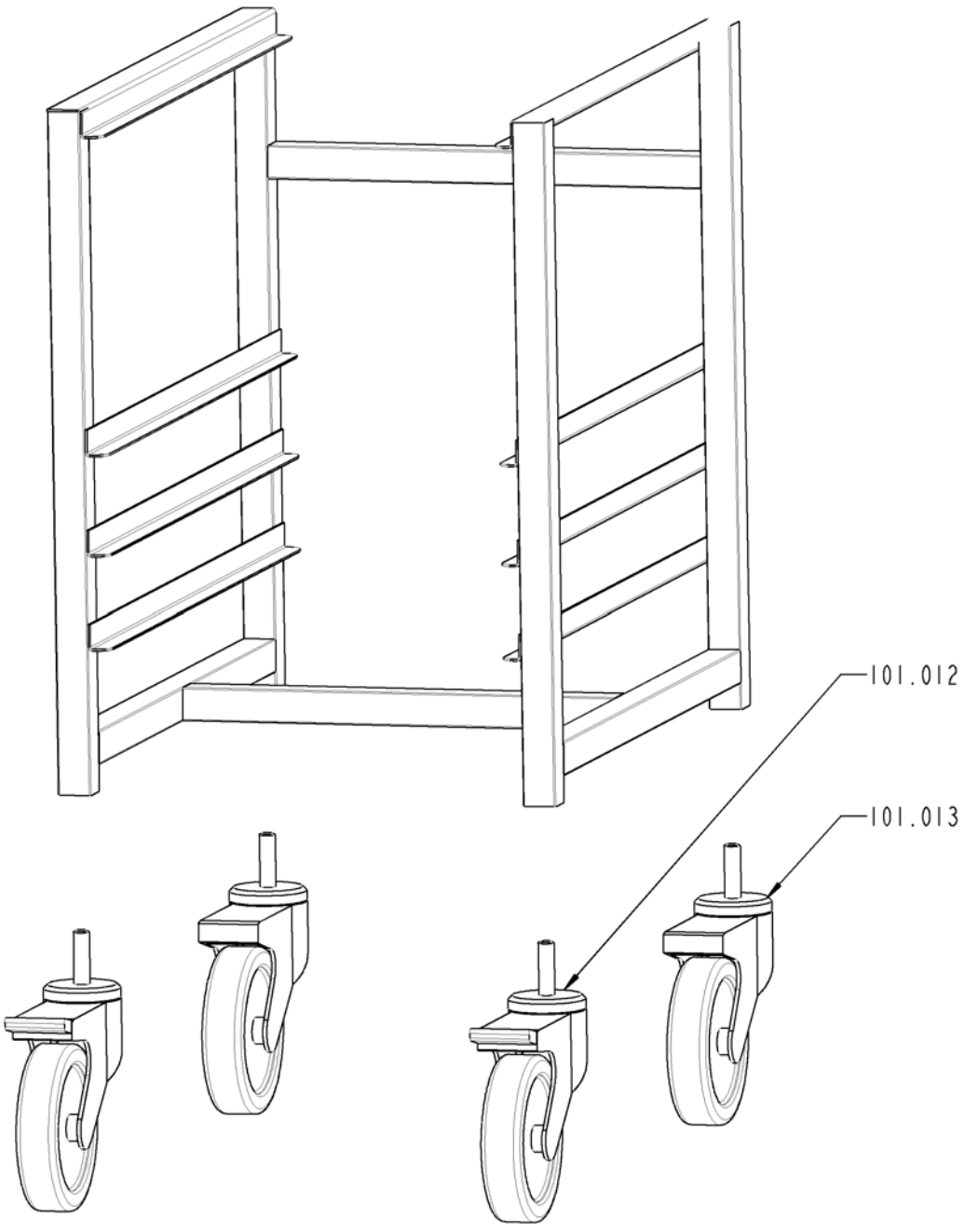





Accessories

Pos.	Part no.	Description	Qty.
101.000		Variomobil	1
102.000		Oil cart with heating system	1
103.000		Oil cart	1
104.000		Chef's table	1
105.000		Basket cart	1
106.000		Ultravent	1

Variomobil



Variomobil

Pos.	Part no.	Description	Qty.
101.012	60.60.667	Castor with brake ø125mm, screw M10	2
101.013	60.60.666	Castor without brake ø125mm, screw M10	2

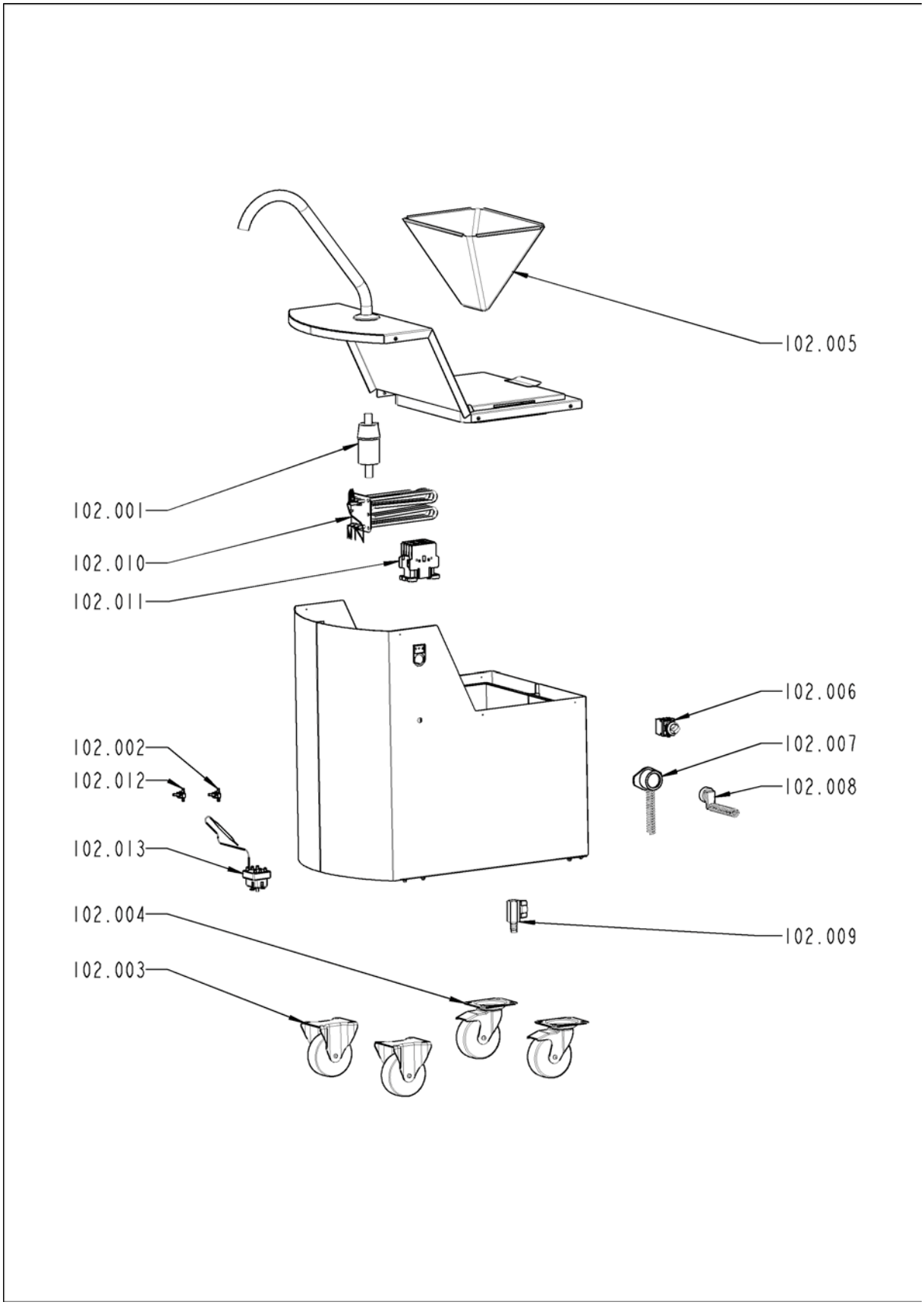
Oil cart with heating system



Oil cart with heating system

Pos.	Part no.	Description	Qty.
1		Oil cart with heating system as of 01/2005 up to 03/2009	1
2		Oil cart with heating system as of 04/2009 up to 04/2012	1
3		Oil cart with heating system as of 05/2012 up to 12/2016	1
4		Oil cart with heating system as of 12/2016	1

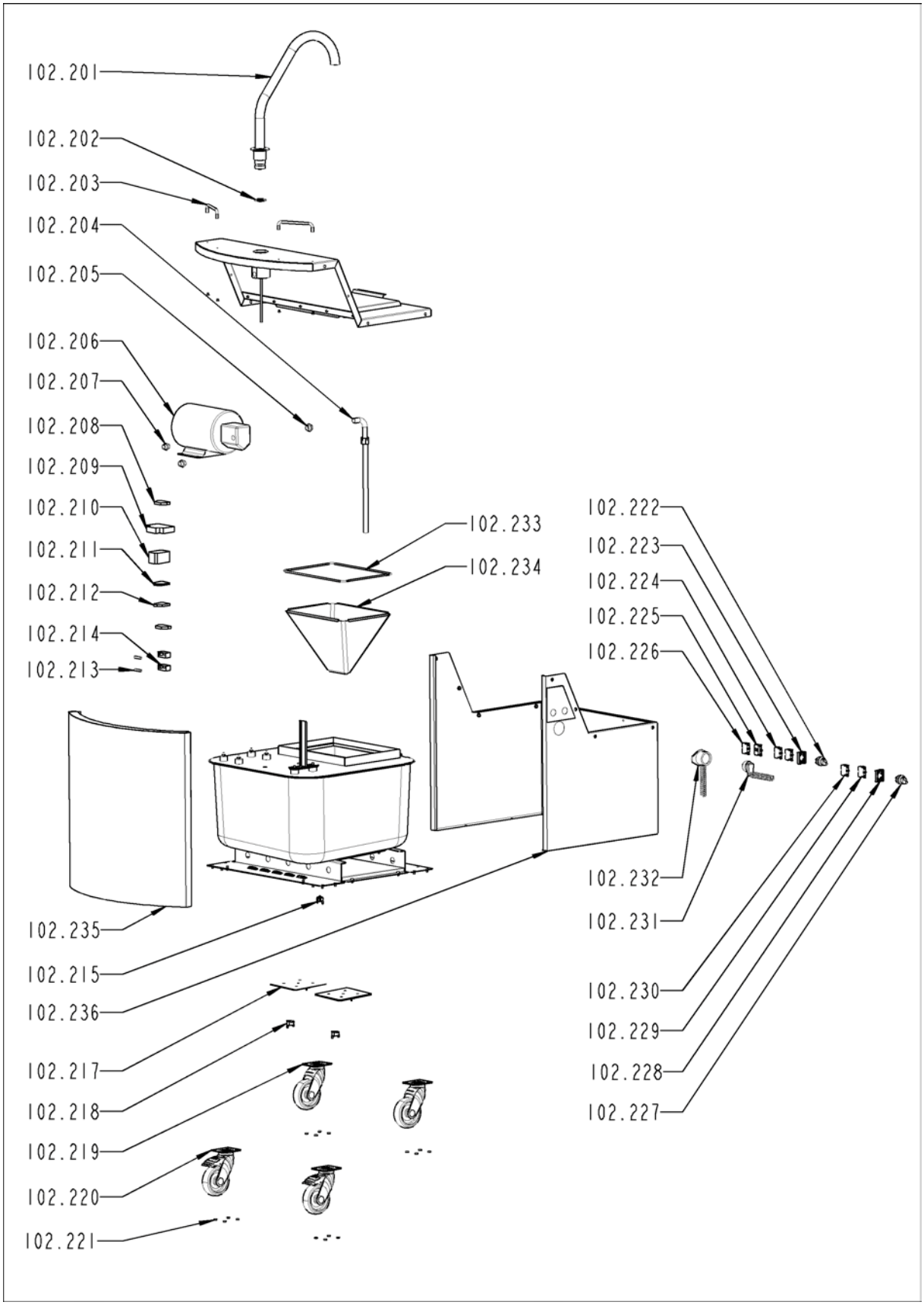
Oil cart with heating system as of 01/2005 up to 03/2009



Oil cart with heating system as of 01/2005 up to 03/2009

Pos.	Part no.	Description	Qty.
102.001	87.00.192	Pump for oil collector	1
102.002	87.00.246	Thermostat 75°C Pump oil trolley	1
102.003	60.70.626	Castor without brake	2
102.004	60.70.627	Castor with brake	2
102.005	60.71.599	Oil filter	1
102.006	82.00.269	3 Position switch complete	1
102.007	82.00.264	Support of socket-outlet	1
102.008	82.00.263	Spiral cable	1
102.009	82.00.271	Drain valve	1
102.010	87.00.237	Heat element oil troley VCC	1
102.011	87.00.282	Contactor	1
102.012	87.00.245	Thermostat 50°C heating Oil carriage	1
102.013	40.02.337	Safety temperature limiter 215°C	1
102.014	82.00.617	Insulation set for oil cart	1

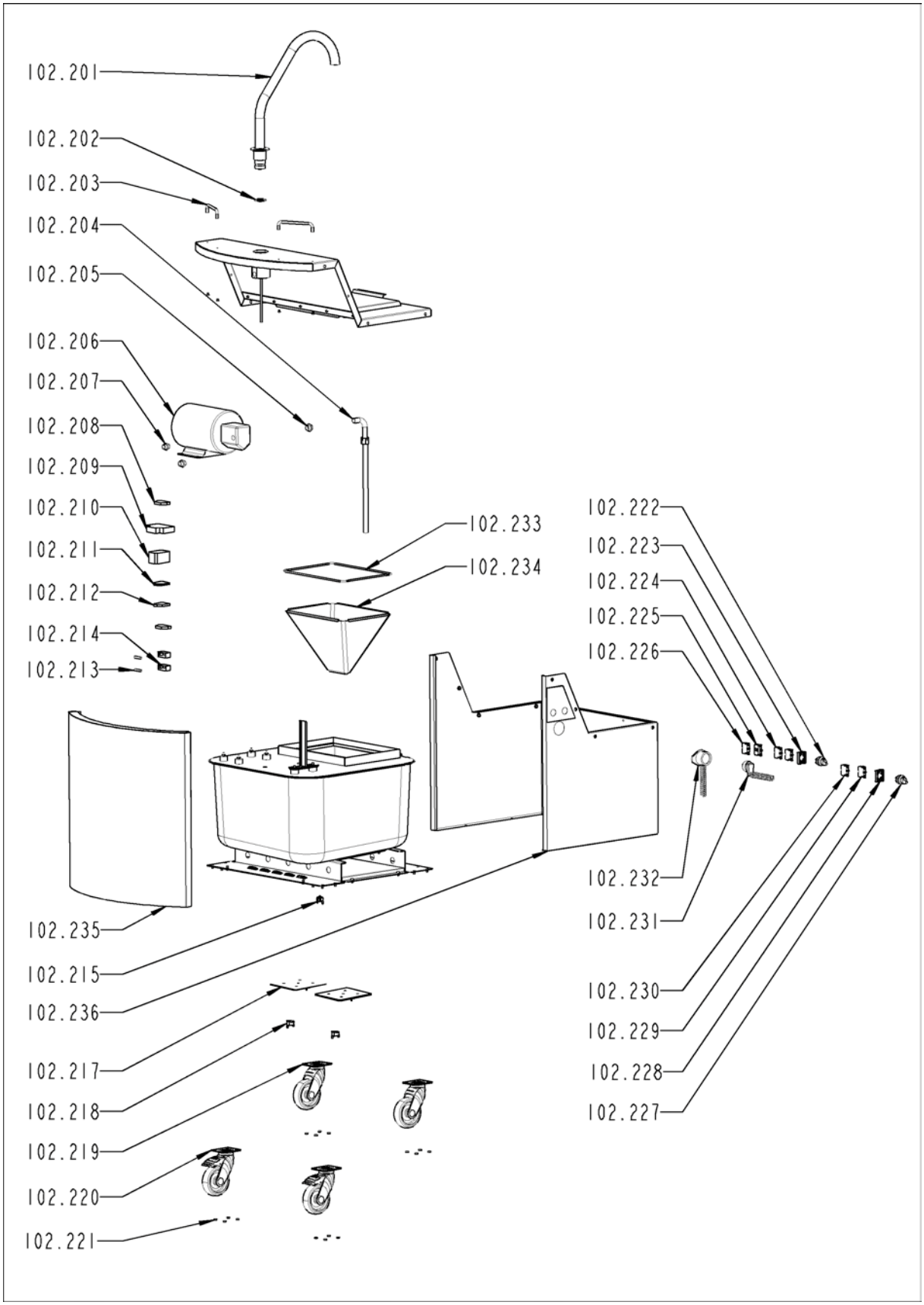
Oil cart with heating system as of 04/2009 up to 04/2012



Oil cart with heating system as of 04/2009 up to 04/2012

Pos.	Part no.	Description	Qty.
102.200	82.00.674P	Filling pipe for 100mm extension	1
102.201	82.00.247	Kit filling pipe	1
102.202	82.00.240	O-ring 34x3	1
102.203	82.00.232	Handle	2
102.204	82.00.246	Suction pipe complete	1
102.205	82.00.268	Hex nipple M3/8"-F1/4"	1
102.206	82.00.235	Kit pump	1
102.207	82.00.243	Hex double nipple G 3/8"	2
102.208	82.00.250	End plate for mounting rail	2
102.209	82.00.254	Timing relay	1
102.210	40.02.917	Contactor 3TG1010-2AK2	1
102.211	82.00.248	Terminal block 4mm²	1
102.212	82.00.249	Terminal block 4mm² blue	1
102.213	4001.0226V	Fuse 6.35x32mm 16A, time-lag	2
102.214	82.00.251	Fuse holder	2
102.215	40.02.337	Safety temperature limiter 215°C	1
102.217	82.00.265	Kit heating element	1
102.218	82.00.261	Klixon 240°	2
102.219	82.00.230	Castor without brake	2
102.220	82.00.231	Castor with brake	2
102.221	1105.0121V	Hex combination nut M5 galv	16
102.222	82.00.255	Selector 2 positions lighted	1
102.223	82.00.257	Adaptator for contact element	1
102.224	82.00.259	Contact NC	1
102.225	82.00.258	Contact NO	2
102.226	82.00.260	Blue Led indicator	1
102.227	82.00.256	Selector 3 positions spring return	1
102.228	82.00.257	Adaptator for contact element	1
102.229	82.00.259	Contact NC	1
102.230	82.00.258	Contact NO	1
102.231	82.00.263	Spiral cable	1
102.232	82.00.264	Support of socket-outlet	1
102.233	60.71.850	Support of oil filter	1
102.234	60.71.599	Oil filter	1
102.235	82.00.288	Round panel	1
102.236	82.00.289	External panel	1

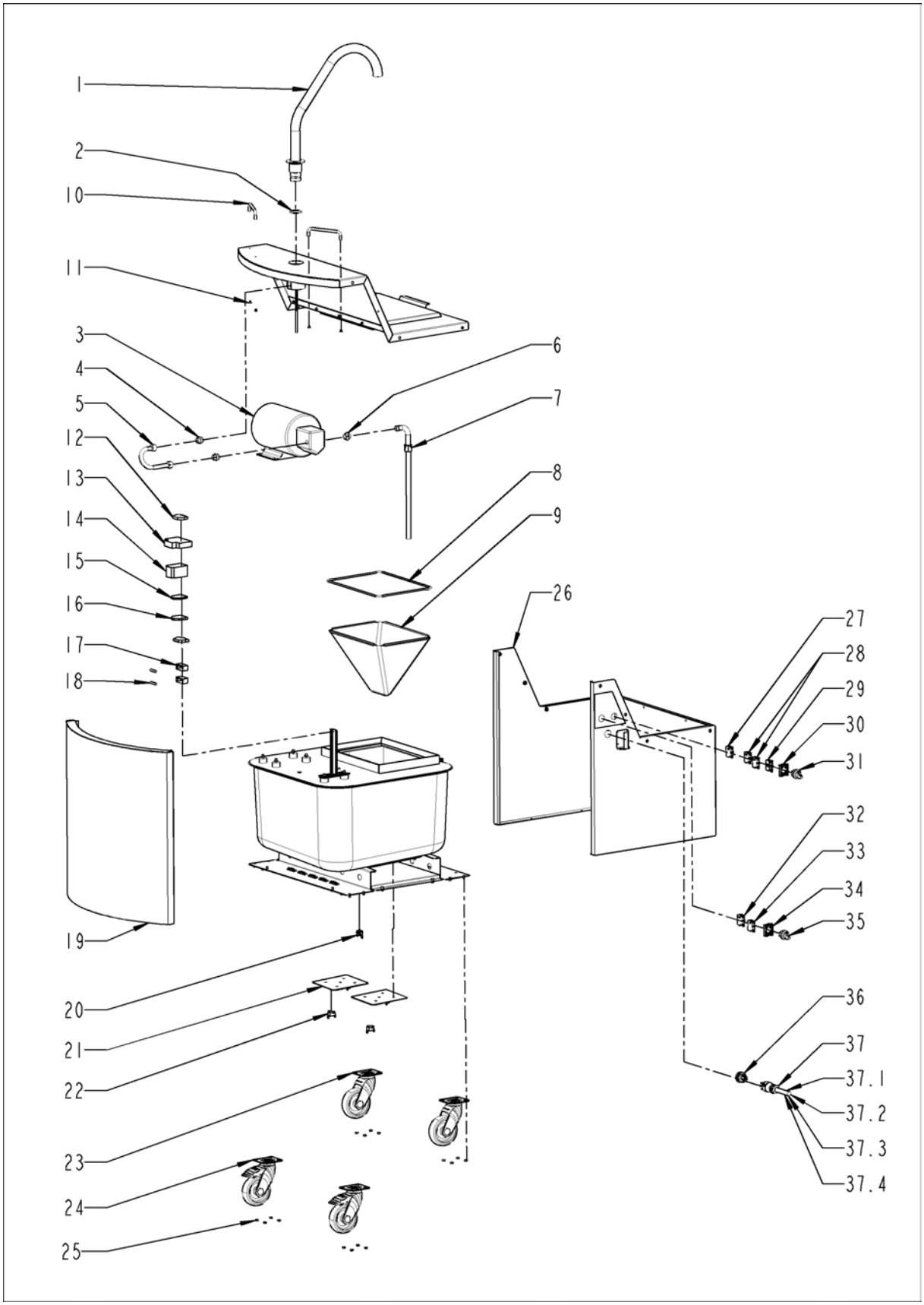
Oil cart with heating system as of 04/2009 up to 04/2012



Oil cart with heating system as of 04/2009 up to 04/2012

Pos.	Part no.	Description	Qty.
102.240	82.00.617	Insulation set for oil cart	1

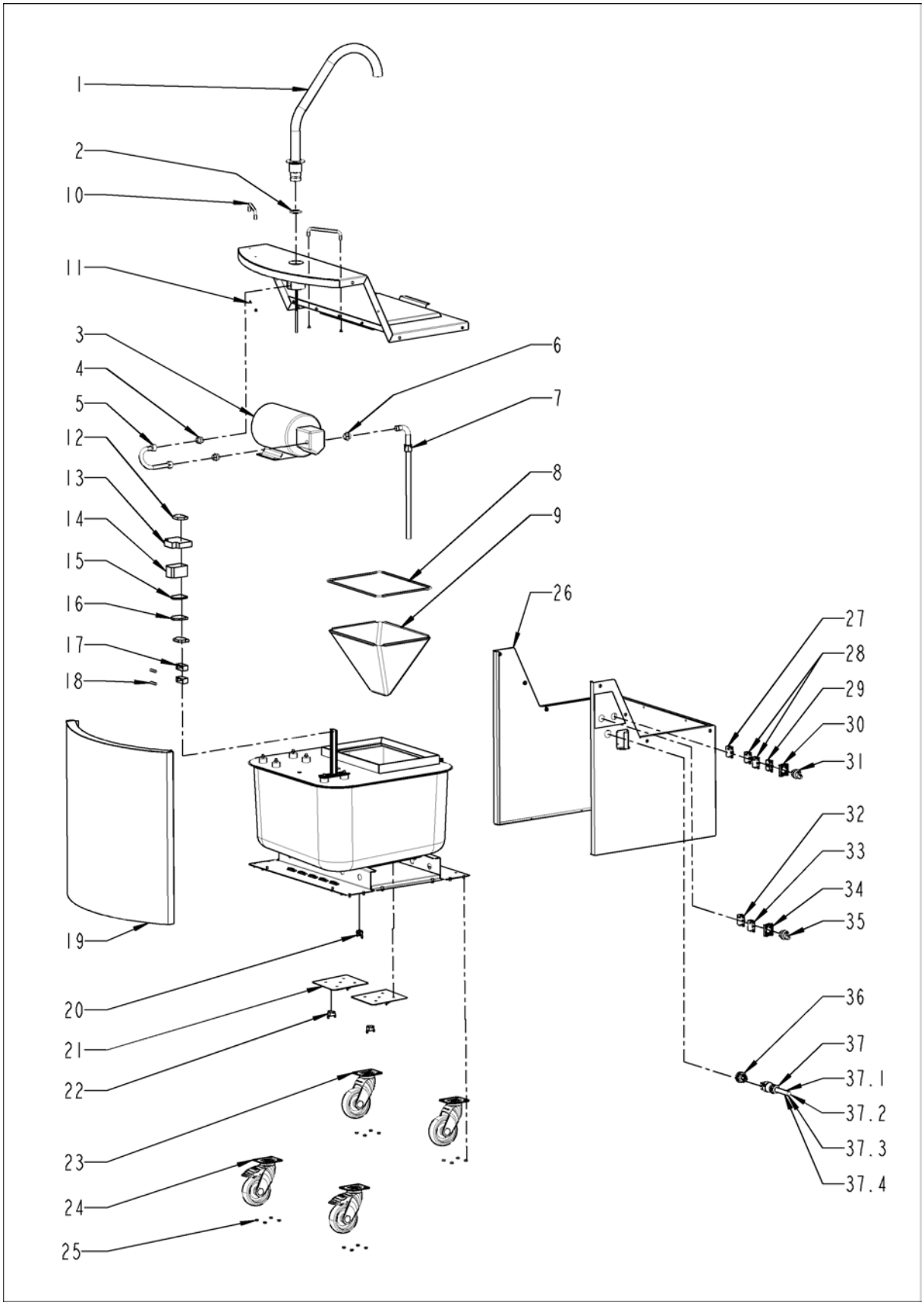
Oil cart with heating system as of 05/2012 up to 12/2016



Oil cart with heating system as of 05/2012 up to 12/2016

Pos.	Part no.	Description	Qty.
1	82.00.247	Kit filling pipe	1
1.01	82.00.674P	Filling pipe for 100mm extension	1
2	82.00.240	O-ring 34x3	1
3	82.00.235	Kit pump	1
4	82.00.243	Hex double nipple G 3/8"	2
5	82.00.291	Flexible pipe 350mm for oil troley	1
6	82.00.268	Hex nipple M3/8"-F1/4"	1
7	82.00.246	Suction pipe complete	1
8	60.71.850	Support of oil filter	1
9	60.71.599	Oil filter	1
10	2610.400279F	Handle	1
11	1004.0665F	Allen screw M4x6	2
12	82.00.250	End plate for mounting rail	2
13	82.00.254	Timing relay	1
14	40.02.917	Contactor 3TG1010-2AK2	1
15	82.00.248	Terminal block 4mm²	1
16	82.00.249	Terminal block 4mm² blue	1
17	82.00.251	Fuse holder	2
18	4001.0226V	Fuse 6.35x32mm 16A, time-lag	2
19	82.00.288	Round panel	1
20	40.02.337	Safety temperature limiter 215°C	1
21	82.00.265	Kit heating element	1
22	82.00.261	Klixon 240°	2
23	82.00.230	Castor without brake	2
24	82.00.231	Castor with brake	2
25	1105.0121V	Hex combination nut M5 galv	16
26	82.00.289	External panel	1
27	82.00.259	Contact NC	1
28	82.00.258	Contact NO	2
29	82.00.260	Blue Led indicator	1
30	82.00.257	Adaptator for contact element	1
31	82.00.255	Selector 2 positions lighted	1
32	82.00.258	Contact NO	1
33	82.00.259	Contact NC	1
34	82.00.257	Adaptator for contact element	1
35	82.00.256	Selector 3 positions spring return	1

Oil cart with heating system as of 05/2012 up to 12/2016



Oil cart with heating system as of 05/2012 up to 12/2016

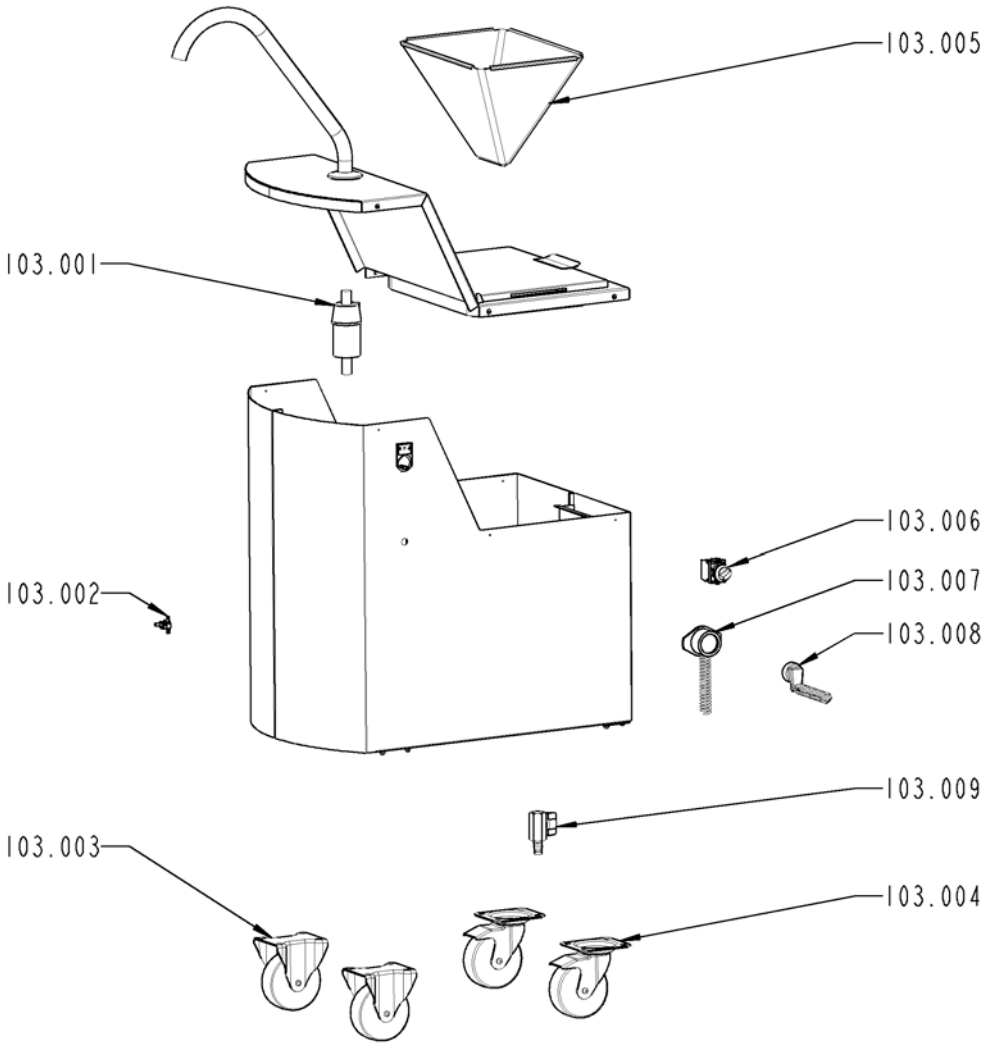
Pos.	Part no.	Description	Qty.
36	82.00.300	Connector for socket-outlet	1
37	40.04.518	Spiral cable FR/DE	1
37.1	40.04.519	Spiral cable UK	1
37.2	40.04.520	Spiral cable CH	1
37.3	40.04.522	Spiral cable AUS	1
37.4	40.04.521	Spiral cable DK	1
38	82.00.617	Insulation set for oil cart	1
42	82.00.363	Overlay FRIMA oil cart	1
42.1	60.74.940	Overlay RATIONAL oil cart	1
42.2	82.00.234	Overlay OEM oil cart	1
43	40.03.330P	Cable grommet Ø16	1
44	40.03.331P	Cable grommet Ø10	1

Oil cart with heating system as of 12/2016

Oil cart with heating system as of 12/2016

Pos.	Part no.	Description	Qty.
1.01	82.00.674P	Filling pipe for 100mm extension	1
41	82.00.617	Insulation set for oil cart	1
43	40.03.330P	Cable grommet Ø16	1
44	40.03.331P	Cable grommet Ø10	1

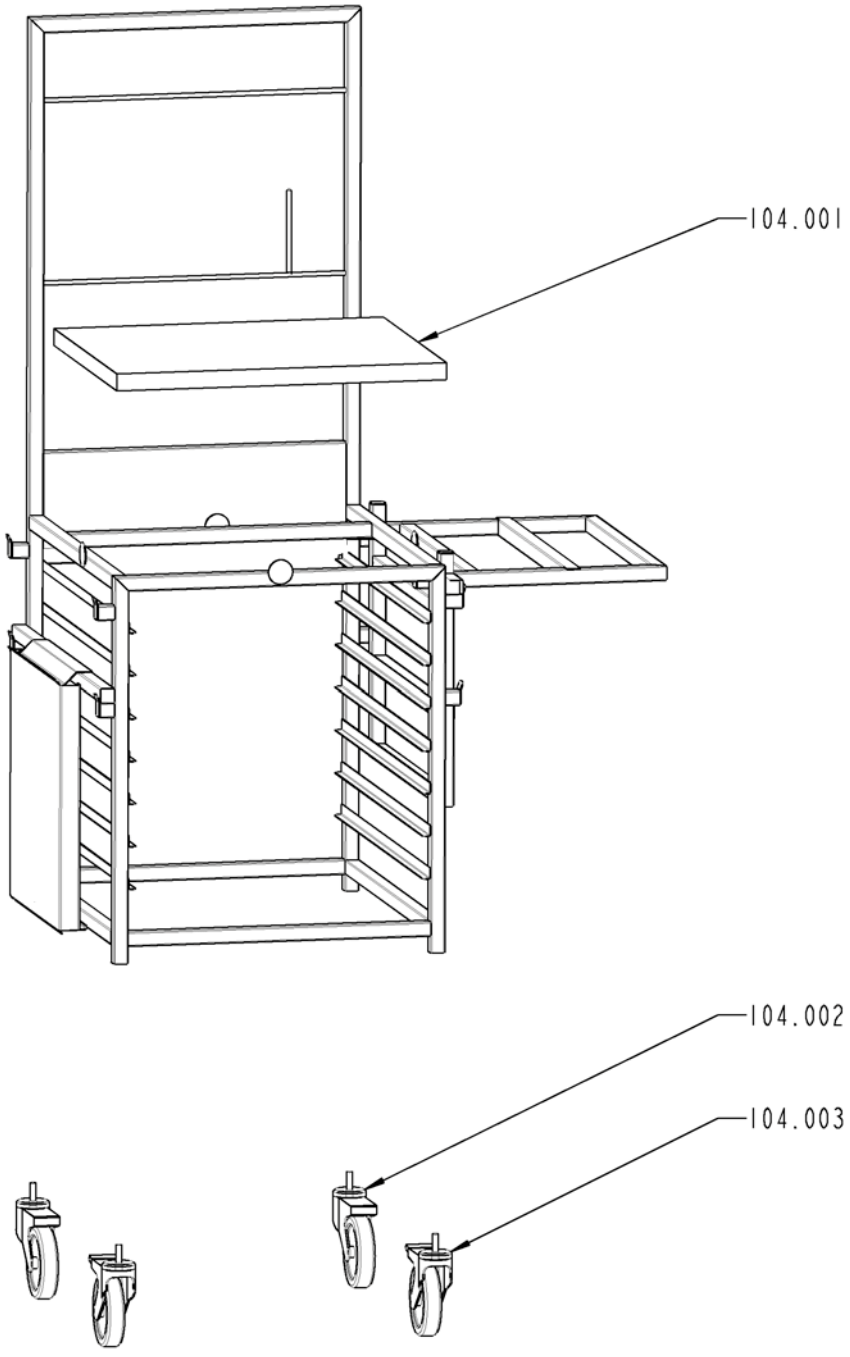
Oil cart


103.005
103.001
103.006
103.007
103.002
103.008
103.009
103.003
103.004

Oil cart

Pos.	Part no.	Description	Qty.
103.001	87.00.192	Pump for oil collector	1
103.002	87.00.246	Thermostat 75°C Pump oil trolley	1
103.003	60.70.626	Castor without brake	2
103.004	60.70.627	Castor with brake	2
103.005	60.71.599	Oil filter	1
103.006	82.00.270	2 Position switch complete	1
103.007	82.00.264	Support of socket-outlet	1
103.008	82.00.263	Spiral cable	1
103.009	82.00.271	Drain valve	1

Chef's table



Chef's table

Pos.	Part no.	Description	Qty.
104.001	91.00.023	Plate polyethylene 587x493x30	1
104.002	60.71.147	Castor without brake ø125mm, screw M12	2
104.003	60.71.146	Castor with brake ø125mm, screw M12	2

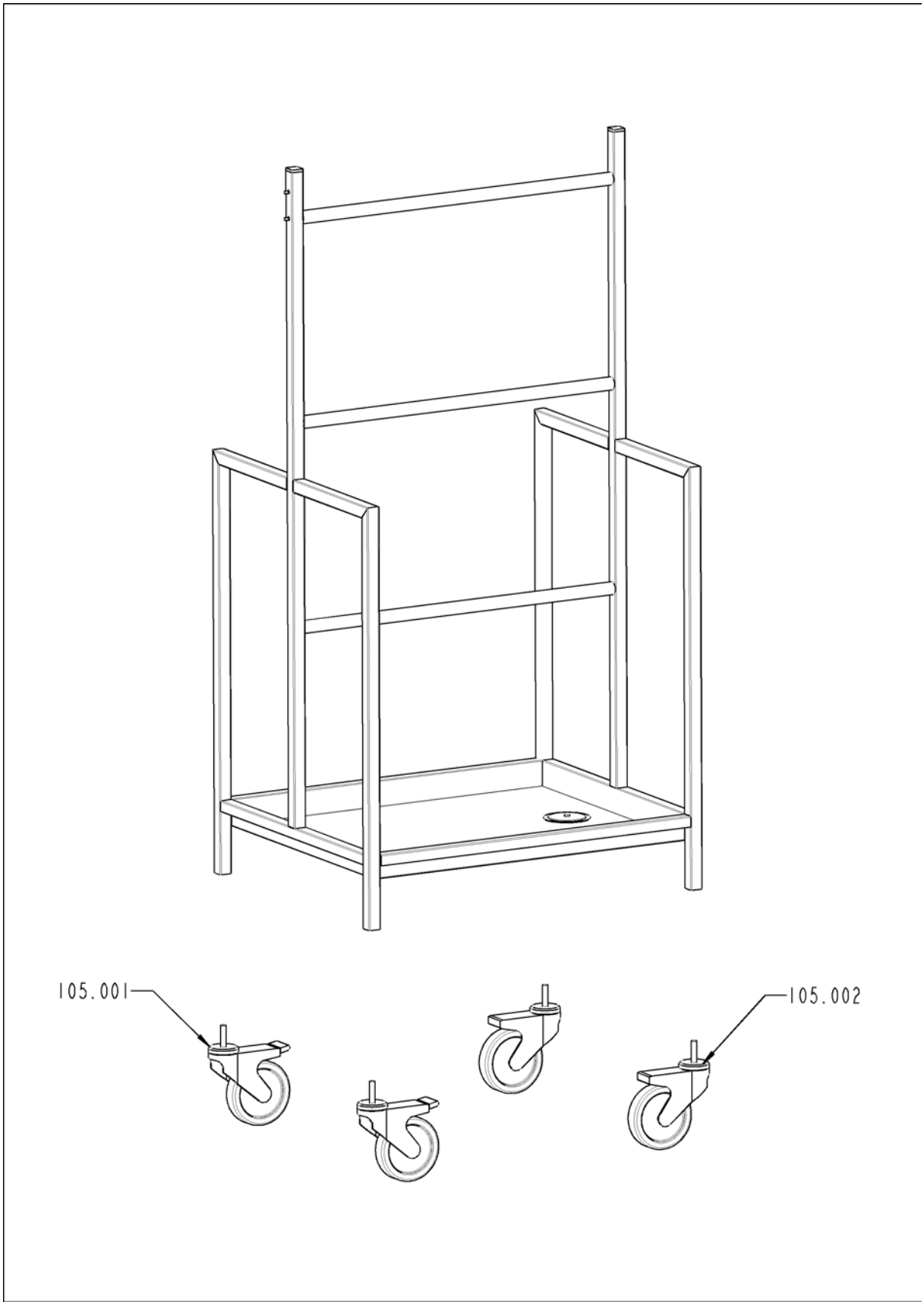
Basket cart



Basket cart

Pos.	Part no.	Description	Qty.
1		Basket cart up to 01.2016 (60.70.108)	1
2		Basket cart as of 02.2016 (60.73.612)	1

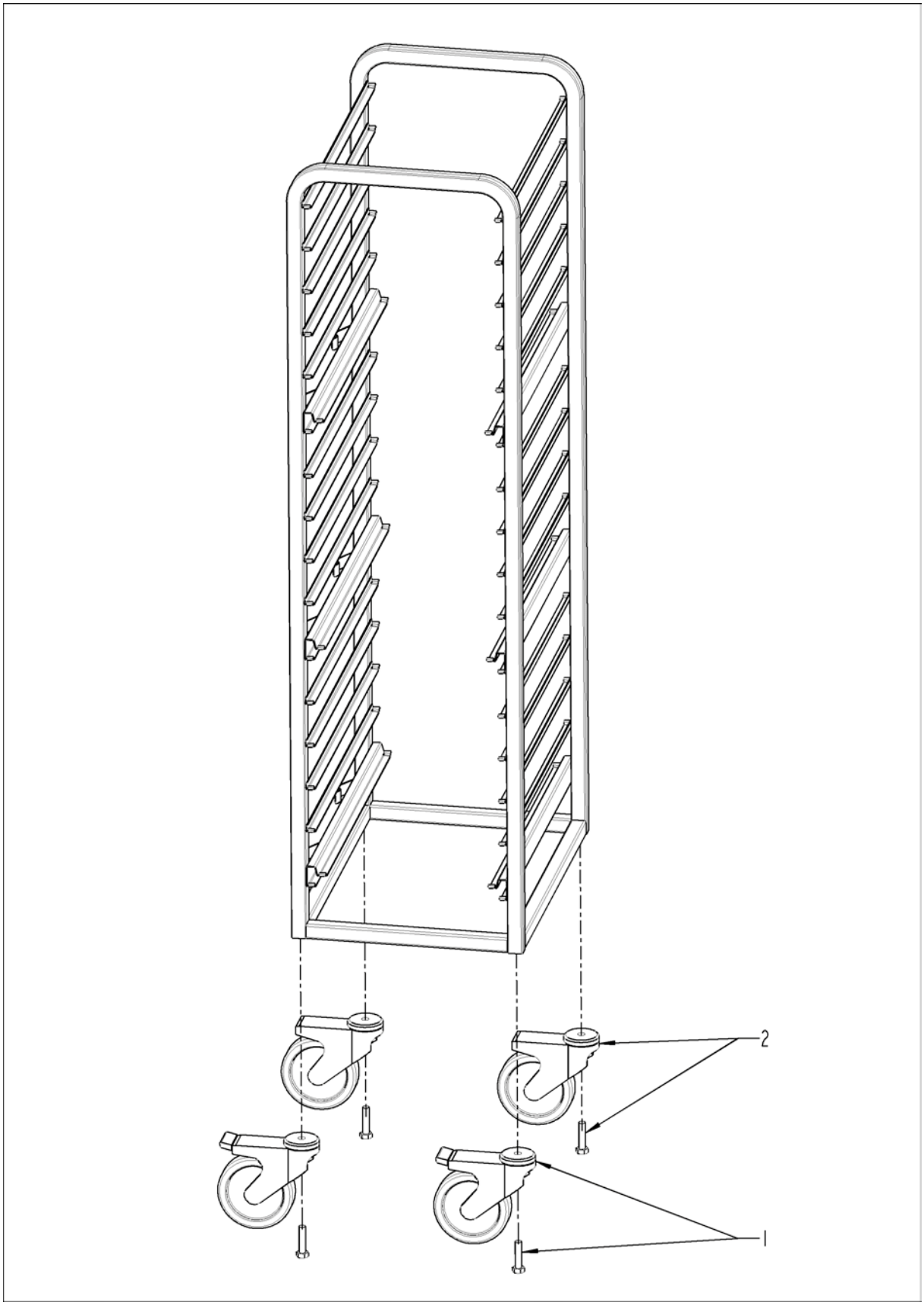
Basket cart up to 01.2016 (60.70.108)



Basket cart up to 01.2016 (60.70.108)

Pos.	Part no.	Description	Qty.
105.001	60.71.146	Castor with brake ø125mm, screw M12	2
105.002	60.71.147	Castor without brake ø125mm, screw M12	2

Basket cart as of 02.2016 (60.73.612)



Basket cart as of 02.2016 (60.73.612)

Pos.	Part no.	Description	Qty.
1	60.71.146	Castor with brake ø125mm, screw M12	2
2	60.71.147	Castor without brake ø125mm, screw M12	2

VarioCooking Center® 112 - 2 x 19 dm², 2 x 16 L
E11VG1107

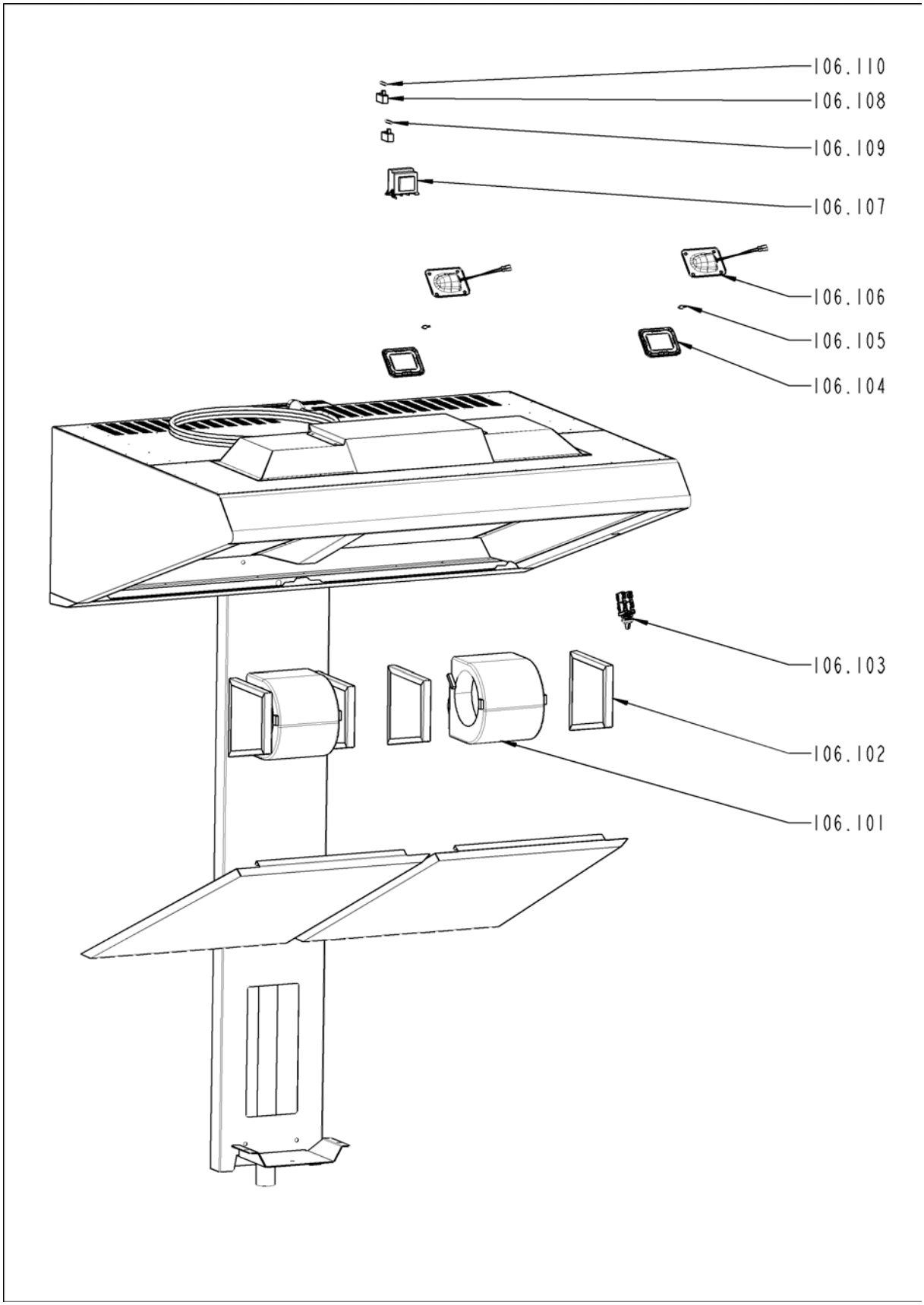
Ultravent



Ultravent

Pos.	Part no.	Description	Qty.
106.100		Ultravent 111-112	1
106.200		Ultravent 211	1
106.300		Ultravent 311	1

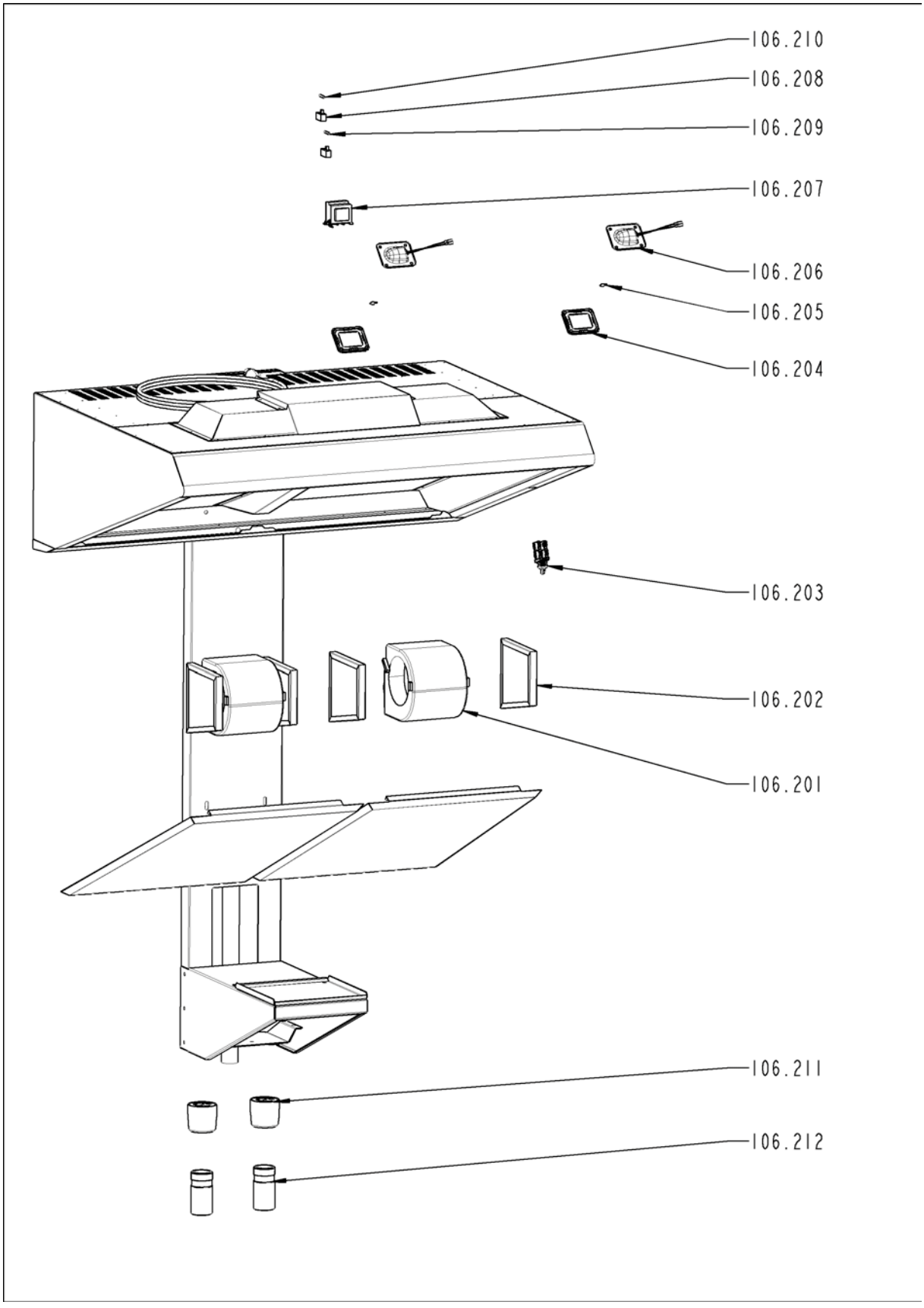
Ultravent 111-112



Ultravent 111-112

Pos.	Part no.	Description	Qty.
106.101	82.00.323	Blower motor for Ultravent with support	2
106.102	87.00.358	Filter grease for engine	4
106.103	82.00.273	Selector Ultravent	1
106.104	40.00.091V	Gasket frame w. glass a. gaskets	2
106.105	3024.0201V	Halogen bulb 300°C	2
106.106	40.00.098V	Reflector f. interior light	2
106.107	3037.0204V	Halogen transformer	1
106.108	82.00.274	Fuse holder Ultravent	2
106.109	3019.0122V	Fuse 5x20mm 250V 6,3A MT	1
106.110	3019.0135V	Fuse 5x20mm 250V 0,315A	1

Ultravent 211



Ultravent 211

Pos.	Part no.	Description	Qty.
106.201	82.00.323	Blower motor for Ultravent with support	2
106.202	87.00.358	Filter grease for engine	4
106.203	82.00.273	Selector Ultravent	1
106.204	40.00.091V	Gasket frame w. glass a. gaskets	2
106.205	3024.0201V	Halogen bulb 300°C	2
106.206	40.00.098V	Reflector f. interior light	2
106.207	3037.0204V	Halogen transformer	1
106.208	82.00.274	Fuse holder Ultravent	2
106.209	3019.0122V	Fuse 5x20mm 250V 6,3A MT	1
106.210	3019.0135V	Fuse 5x20mm 250V 0,315A	1

Ultravent 311

Ultravent 311

Pos.	Part no.	Description	Qty.
106.201	82.00.323	Blower motor for Ultravent with support	2
106.202	87.00.358	Filter grease for engine	4
106.203	82.00.273	Selector Ultravent	1
106.204	40.00.091V	Gasket frame w. glass a. gaskets	2
106.205	3024.0201V	Halogen bulb 300°C	2
106.206	40.00.098V	Reflector f. interior light	2
106.207	3037.0204V	Halogen transformer	1
106.208	82.00.274	Fuse holder Ultravent	2
106.209	3019.0122V	Fuse 5x20mm 250V 6,3A MT	1
106.210	3019.0135V	Fuse 5x20mm 250V 0,315A	1

Index

Part no.	Description	Page
82.00.270	2 Position switch complete	71
82.00.269	3 Position switch complete	59
40.02.400	Actuation for pan valve left w/o pressure	15
20.01.206	Actuation for pan valve right	15
82.00.257	Adaptator for contact element	61, 65
10.00.610	Allen screw A2 M5X16	49
1004.0665F	Allen screw M4x6	65
1004.0663	Allen screw M4x12	15, 29
10.00.606	Allen screw M5x8 A2	9, 11, 33, 49
24.01.802	Arm raising lid	39
16.01.464	Back panel console	33
24.02.415	Bandage protection Velcro 50x200	43, 47
16.01.369	Base plate	5
40.02.854	Beam I/O-A4 X117/X118/X119-SSR	31
40.02.776	Beam X128/129/131/132 pwr supply jacks	31
24.02.509	Bearing shaft lid central	39
24.02.511	Bearing shaft lid left	39
24.02.513	Bearing shaft lid right	39
24.01.221	Bearing shaft pan inside left	5
24.01.393	black lid axis cover	41, 43, 47
82.00.323	Blower motor for Ultravent with support	83, 85, 87
82.00.260	Blue Led indicator	61, 65
16.01.360	Bottom panel insulation vitro	49
40.03.116	Bundle X11-X12/X26 with micro-switch	31
10.00.676	Bundle-clip	29
40.02.802	Bus cable 0.2m RJ45	31
40.00.472	Bus cable 1.3m	31
54.00.582	Bushing PP D40/D20	27
54.00.581	Bushing PP D40/D30-32	27
54.00.593	Bushing PP D50/D40	27
40.02.087	Buzzer	49
10.00.111	Cable clip long	5, 29

Index

Part no.	Description	Page
46.00.126	Cable control harness heating pan left	7
46.00.127	Cable control harness heating pan right	7
40.03.331P	Cable grommet Ø10	67, 69
40.03.330P	Cable grommet Ø16	67, 69
40.01.898	Cable I/O A4 pcb X120	31
40.02.242	Cable X1 X46 112	31
40.02.786	Cable X13-X126	31
40.02.753	Cable X14	31
40.02.262	Cable X19 left	31
40.02.249	Cable X24 left	31
24.00.791	Cap of shaft lid	39
60.70.627	Castor with brake	59, 71
82.00.231	Castor with brake	61, 65
60.60.667	Castor with brake ø125mm, screw M10	55
60.71.146	Castor with brake ø125mm, screw M12	73, 77, 79
60.70.626	Castor without brake	59, 71
82.00.230	Castor without brake	61, 65
60.60.666	Castor without brake ø125mm, screw M10	55
60.71.147	Castor without brake ø125mm, screw M12	73, 77, 79
12.00.624	Chassis	5
50.00.156	Clamp f. hand shower roll guide	21
20.01.033	Collar	13, 39
82.00.300	Connector for socket-outlet	67
82.00.259	Contact NC	61, 65
82.00.258	Contact NO	61, 65
87.00.282	Contactor	59
40.02.917	Contactor 3TG1010-2AK2	61, 65
40.02.809	Contactor B&J K3-24B00 230	29
40.03.648	Control harness	31
40.02.528	Control harness	31
87.00.262	Control panel Vitro with overlay FRIMA	49
42.00.002V	Control pcb	49

Index

Part no.	Description	Page
40.00.277	Control transformer	29
3101.1008	Cooling fan	29
24.02.291	Core temperature probe	43, 47
16.00.329	Cover f. USB interface	33
24.02.368	Cover for pressure connection	41, 45
24.01.358	Cover handle black	41, 45
16.00.231	Dial f. pulse generator OEM, black-grey	49
40.01.255	Differential switch	29
40.03.472	Distance bush PA H6,7x5,2 Ø10	49
40.02.015	Distance nut PA H10 x 4.3 D.8MM	29
50.00.642	Double solenoid valve (connector color green/brown)	19
50.01.611	Drain hose pan left 112	11
50.01.612	Drain hose pan right 112	9
82.00.271	Drain valve	59, 71
12.01.116	Drip collector	5
12.01.117	Drip collector	5
40.02.872	Earth terminal 10mm² yellow/green	29
10.00.103	EJOT PT-screw KA 3.5x10	33
10.00.460	EJOT PT-Screw Torx 3,5x14	33
54.00.573	Elbow-pipe PP DN40 67.5°	27
54.00.575	Elbow-pipe PP DN40 87.5°	27
54.00.560	Elbow-pipe PP DN50 87°	27
40.02.967	Electronic noice filter	29
82.00.250	End plate for mounting rail	61, 65
87.00.165	External memory flashed	49
82.00.289	External panel	61, 65
82.00.674P	Filling pipe for 100mm extension	61, 65, 69
87.00.358	Filter grease for engine	83, 85, 87
12.00.688	Fixing angle cpl. 112	5
40.01.579	Fixing clip f. pcb	29
40.01.967	Fixing device for SSR	29
20.01.061	Fixing plate lever pan	13

Index

Part no.	Description	Page
82.00.291	Flexible pipe 350mm for oil troley	65
87.00.112	Foam gasket	49
16.01.467	Front panel console	33
40.01.028	Fuse 5x20 6,3A T	29
3019.0135V	Fuse 5x20mm 250V 0,315A	83, 85, 87
3019.0122V	Fuse 5x20mm 250V 6,3A MT	83, 85, 87
40.02.877	Fuse 6.3 X 32mm 12,5A	29
40.02.144	Fuse 6.32 X 32mm 10A	29
4001.0224	Fuse 6.35x32mm	29
4001.0226	Fuse 6.35x32mm	29
4001.0226V	Fuse 6.35x32mm 16A, time-lag	61, 65
82.00.251	Fuse holder	61, 65
40.02.099	Fuse holder 1003SI	29
4001.1295	Fuse holder e 1003Si/1DS	29
82.00.274	Fuse holder Ultravent	83, 85, 87
24.01.539	Gas-filled support 800N	39
50.00.297	Gasket f. tulip	21
20.00.992	Gasket for plug pan valve	9, 11
40.00.091V	Gasket frame w. glass a. gaskets	83, 85, 87
20.00.987	Graphit plate for Bimetall switch	9
20.00.710	Graphit plate for heating element 1400W	9, 11
20.01.518	Graphit plate for safety temperature limiter	11
40.00.852	Grommet ø9.5	49
3024.0201V	Halogen bulb 300°C	83, 85, 87
3037.0204V	Halogen transformer	83, 85, 87
50.00.549	Hand shower black	21
50.00.799	Hand shower roll guide	21
82.00.232	Handle	61
2610.400279F	Handle	65
87.00.237	Heat element oil troley VCC	59
40.02.398	Heating element 1400W (screwed contact)	9, 11
40.01.612	Heating element f. vitro	49

Index

Part no.	Description	Page
82.00.268	Hex nipple M3/8"-F1/4"	61, 65
1105.0121	Hex combination nut M5 galv	5, 9, 11, 31
1105.0121V	Hex combination nut M5 galv	61, 65
1106.0803	Hex combination nut M6 galv	5, 9, 11
10.00.607	Hex combination nut M8	5, 7, 21, 29, 39
82.00.243	Hex double nipple G 3/8"	61, 65
1104.0120	Hex nut M4	29
1104.0121	Hex nut M4 self locking	29, 49
1108.0260	Hex nut M8	7, 9, 11
24.00.280	Hex nut M10 A2	43, 47
1006.0760	Hex screw M6x16	13, 29
10.00.596	Hex screw M6x50 A2	39
1008.0763	Hex screw M8x20	21
10.00.756	Hex socket countersunk head screw M6x16	51
10.00.611	Hex socket head cap screw A2 M3X20	29
10.00.452	Hex socket set screw cup point A2 M4X4	13, 39
10.01.056	Hex socket set screw cup point A2 M6x8	39
10.00.595	Hex socket set screw cup point A2_70 M6x6 Tuflok	39
1004.0905	Hex socket set screw M5x6	39
10.01.054	Hexagonal nut with notched flange M5	9, 11, 15
24.02.438	Hook of basket	43, 47
10.01.132	Hose clamp clic R86-145	43, 47
2066.0522	Hose clamp ø 31,3 mm	9, 11
2066.0530	Hose clamp ø16.4mm	19, 25
10.00.814	Hose clamp Ø25.2	21
50.00.748	Hose EPDM 15x22 120°	21, 25
40.02.477	Insulation kit vitro	49
82.00.617	Insulation set for oil cart	59, 63, 67, 69
40.00.470	Interface cable USB 1.5m	33
24.01.903	Key toppling lid	39
82.00.247	Kit filling pipe	61, 65
82.00.265	Kit heating element	61, 65

Index

Part no.	Description	Page
82.00.235	Kit pump	61, 65
82.00.261	Klixon 240°	61, 65
20.01.068	Left pan shaft	13
24.02.457	Lid cover left	47
24.02.459	Lid cover right	43
24.02.519	Lid gasket VCC 112	41, 45
24.02.466	Lid left complete	45
24.02.467	Lid right complete	41
20.01.059	Lift arm for pan	13
40.01.708	Lifting cylinder for left pan	13
24.00.803	Lifting cylinder for lid	39
40.01.972	Lifting cylinder for right pan	13
10.00.187	Lock washer AZ 4	29
50.00.086	Locking plate f. water distribution	19
12.00.224	Lower part of pedestal 110mm	5
16.01.905	Lower PCB protection	49
20.00.983	Mounting device for Bimetall switch	9
46.00.123	Mounting device thermocouple for heating element	9, 11
50.00.078	Non return valve DW16/DN12	19
10.00.854	O-ring 15x1,5	43, 47
20.00.680	O-ring 21x 1.5	43, 47
82.00.240	O-ring 34x3	61, 65
10.00.675	O-ring f. pan valve 17.3 x 2.4	9, 11
60.71.599	Oil filter	59, 61, 65, 71
1008.0769	Ornamental screw M8x30	39
82.00.363	Overlay FRIMA oil cart	67
82.00.234	Overlay OEM oil cart	67
60.74.940	Overlay RATIONAL oil cart	67
16.00.864	Overlay VCC/E *FRIMA*	49
10.00.507	Pan head screw Torx 5/16" T20	29
20.01.766	Pan left	11
16.00.856	Pan left front panel assembly	11

Index

Part no.	Description	Page
16.02.004	Pan panel for left pan	11
16.01.971	Pan panel for right pan	9
20.01.765	Pan right	9
16.00.855	Pan right front panel assembly	9
20.01.056	Pan shaft right	13
20.01.598	Pan valve cable	15
54.00.598	Pipe clamp D40	27
50.00.808	Pipe PP L50mm Ø40	21
91.00.023	Plate polyethylene 587x493x30	73
20.00.970	Plug for pan valve	9, 11
50.00.085	Plug-in spring f. hand shower roll guide	19
40.03.113	Power harness K1 output 112	31
40.02.280	Power harness Vitro	49
40.03.417	Protection of cable 0.8-1.1	49
40.03.412	Protection of cable 0.8-1.6	49
40.00.404	Pulse generator	49
87.00.192	Pump for oil collector	59, 71
10.00.647	Raised countersunk allen screw M5x12	5, 9, 11
10.00.848	Raised countersunk allen screw M6x30	41, 43, 45, 47
10.00.444	Raised countersunk head screw Torx M4x8	29
40.00.098V	Reflector f. interior light	83, 85, 87
42.00.054	Relay-I/O pcb	29
42.00.039	Relay-I/O pcb A4	29
20.01.062	Ring friction pan shaft	13
82.00.288	Round panel	61, 65
60.70.618	Safety loop Vitro	49
40.02.337	Safety temperature limiter 215°C	9, 11, 59, 61, 65
1251.1000	Safety washer ø5mm	15
10.00.954	Scew 4x18	29
40.02.594	Screwed cable gland PG 29	5
10.00.747	Securing device for bolt d=12	13
82.00.255	Selector 2 positions lighted	61, 65

Index

Part no.	Description	Page
82.00.256	Selector 3 positions spring return	61, 65
82.00.273	Selector Ultravent	83, 85, 87
10.00.188	Serrated lock washer A5.1	5, 9, 11
24.00.760	Shaft hoist swing shaft	13
24.00.793	Shaft jack raising lid	39
20.00.905	Sheath for pan valve	9, 11
12.00.617	Shower roll guide holder	21
16.02.001	Side panel left console	33
16.02.190	Side panel right for console	33
50.01.542	Silicone hose DIAM out. 21mm ins. 15mm (per meter)	25
50.00.568	Silicone hose diameter out 14mm in 8mm	43, 47
10.00.677	Snap on cap f. bundle-clip	29
40.02.096	Socket 2P+T 10A (CH)	33
40.02.098	Socket 2P+T 13A (GB)	33
40.01.409	Socket 2P+T 16A (France)	33
40.01.410	Socket 2P+T 16A (Germany)	33
40.02.097	Socket 2P+T 16A (IT)	33
10.00.107	Socket cap screw M10x35	5
87.00.195	Socket cover for tulip black	35
40.01.589	Solid state relais	29
20.01.508	Spacer for safety temperature limiter	11
82.00.263	Spiral cable	59, 61, 71
40.04.522	Spiral cable AUS	67
40.04.520	Spiral cable CH	67
40.04.521	Spiral cable DK	67
40.04.518	Spiral cable FR/DE	67
40.04.519	Spiral cable UK	67
50.00.617	Spring f. hose, water filling	43, 47
1107.0101	Star lock ø5	33
24.02.166	Stop ring Ø32x14	39
16.01.230	Storage case left with door	51
16.01.251	Storage case right with door	51

Index

Part no.	Description	Page
10.00.781	Straight pin ISO2338 A2 3m6x20	15
82.00.246	Suction pipe complete	61, 65
20.01.600	Support for pan valve motor	15
24.02.431	Support of cover for pressure connection	43, 47
60.71.850	Support of oil filter	61, 65
82.00.264	Support of socket-outlet	59, 61, 71
20.01.505	Switching cam f. pan drain valve	15
50.00.612	T-fitting plastic TS16	25
82.00.248	Terminal block 4mm²	61, 65
82.00.249	Terminal block 4mm² blue	61, 65
87.00.339	Thermocouple for heating element	9, 11
87.00.513	Thermocouple pan right	9
87.00.245	Thermostat 50°C heating Oil carriage	59
87.00.246	Thermostat 75°C Pump oil trolley	59, 71
82.00.254	Timing relay	61, 65
40.03.647	Transformer	31
54.00.584	Tube 200mm Ø50 to square 50x50	27
10.00.652	Tube for drip collector fixation	39
16.00.724	Tulip cpl.black RAL7021	33
16.01.904	Upper PCB protection	49
12.00.205	Upper part of pedestal	5
1306.0218	Washer A4,3	49
1308.0161	Washer A8,4	7
10.00.186	Washer broad LL6	5, 29
10.00.802	Washer Ø50mm for heating element	9, 11
50.00.072	Water distribution vert roll guide con.	19
1900.0202	Water filter	19
50.00.713	Water nozzle	43, 47
50.01.195	Water volume sensor with wire	19
42.00.052	X relay pcb	29
54.00.589	Y PP DN40 45°	27
54.00.571	Y PP DN40 87°	27

RATIONAL Aktiengesellschaft
Siegfried-Meister-Straße 1
86899 Landsberg am Lech
Germany

Web: www.rational-online.com
info@rational-online.com

Telephone: +49 8191-327-0

Managing Board: Managing Director Dr. Peter Stadelmann,
Peter Wiedemann, Markus Paschmann
Chairman of the Supervisory Board: Walter Kurtz

Registered Office: Landsberg am Lech
Court of Registration: Augsburg
District Court Commercial Register Dept. B: 2001
VAT number: DE 128673942