Service part catalogue

SelfCookingCenter® ab 09/2016
Combi Master 102 - 10 x 2/1 GastronormE

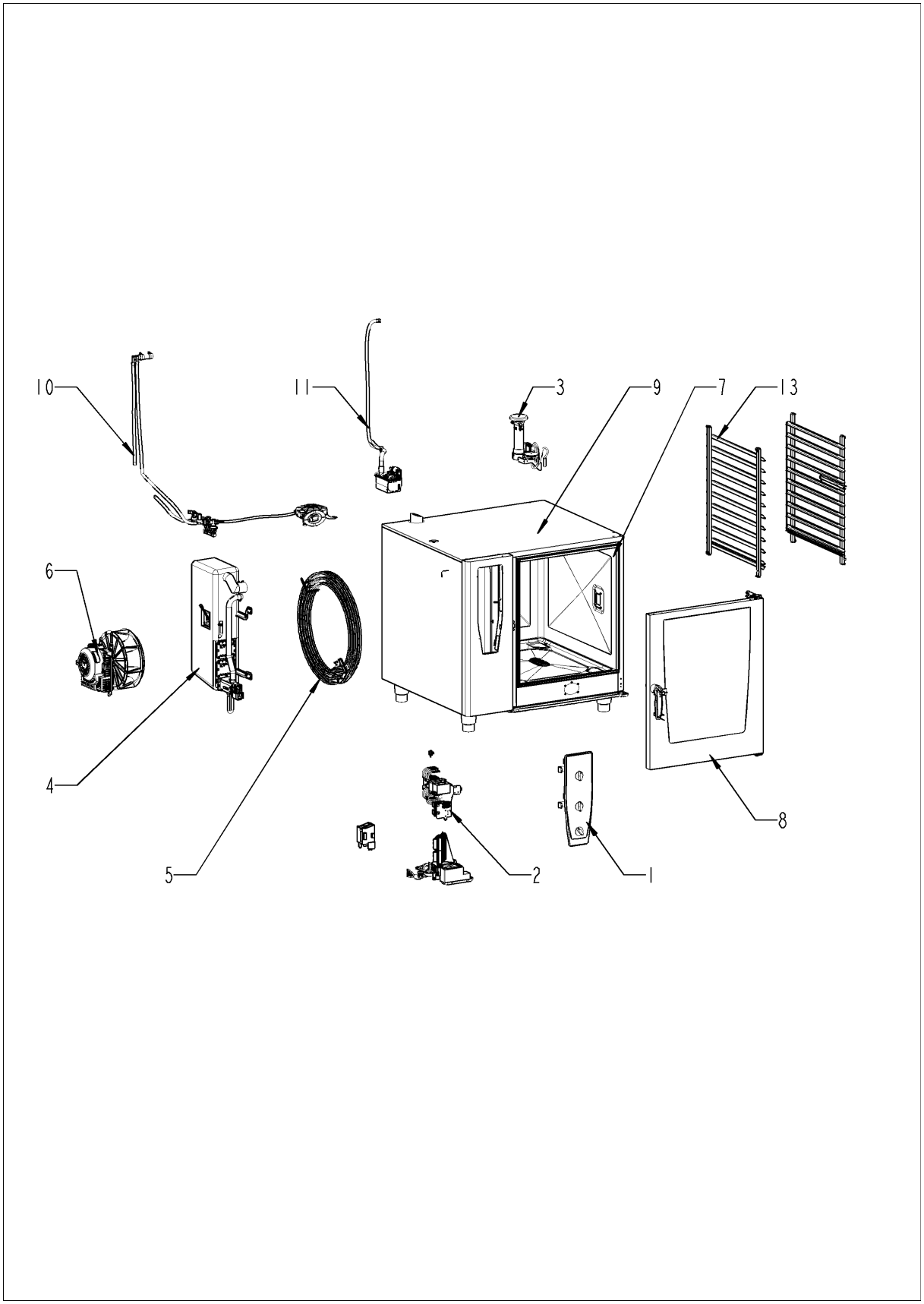
E12MI1704



7/5/2017
3 AC200 V 50/60Hz

Kat-RTS_140922
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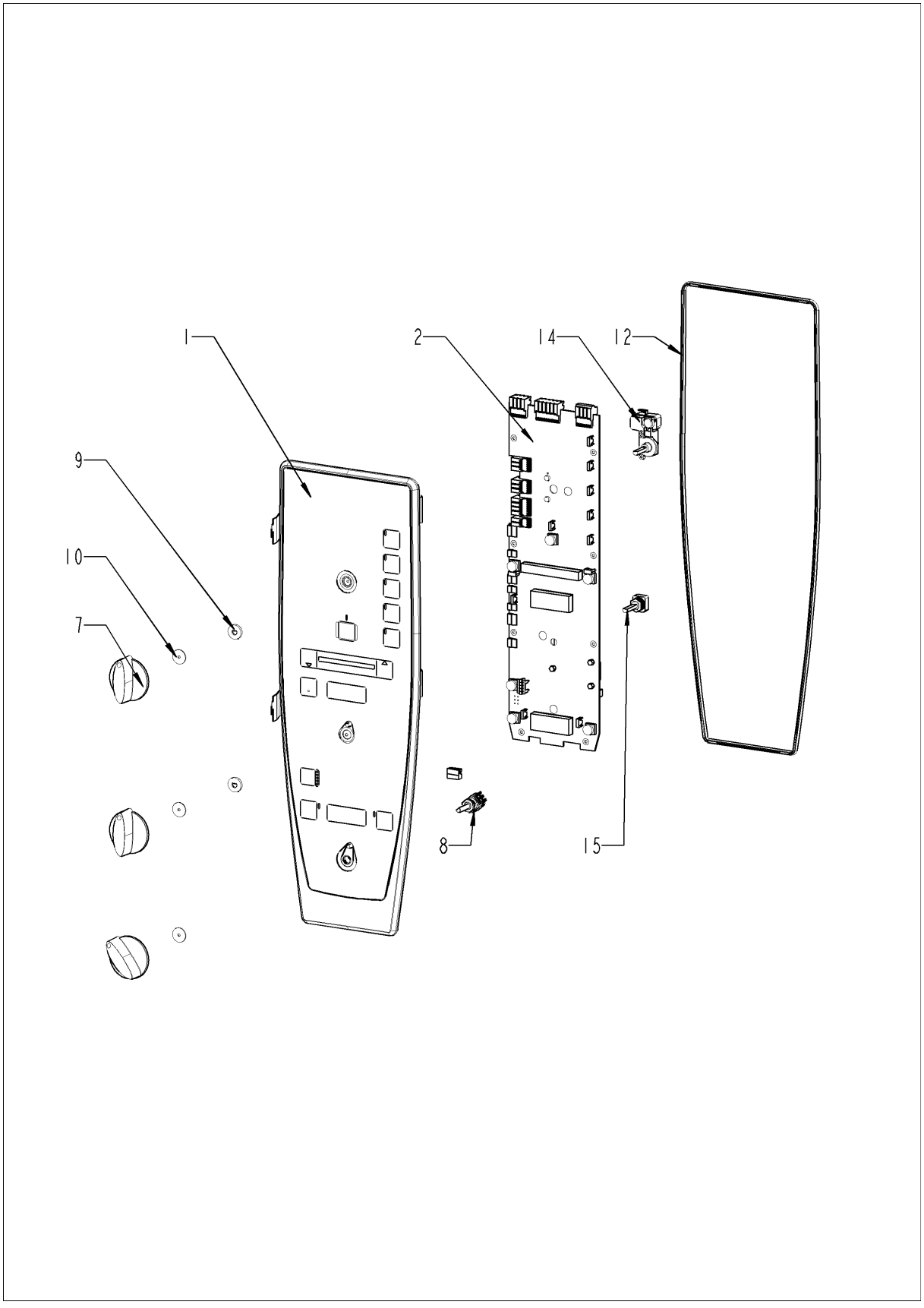
Overview



Overview

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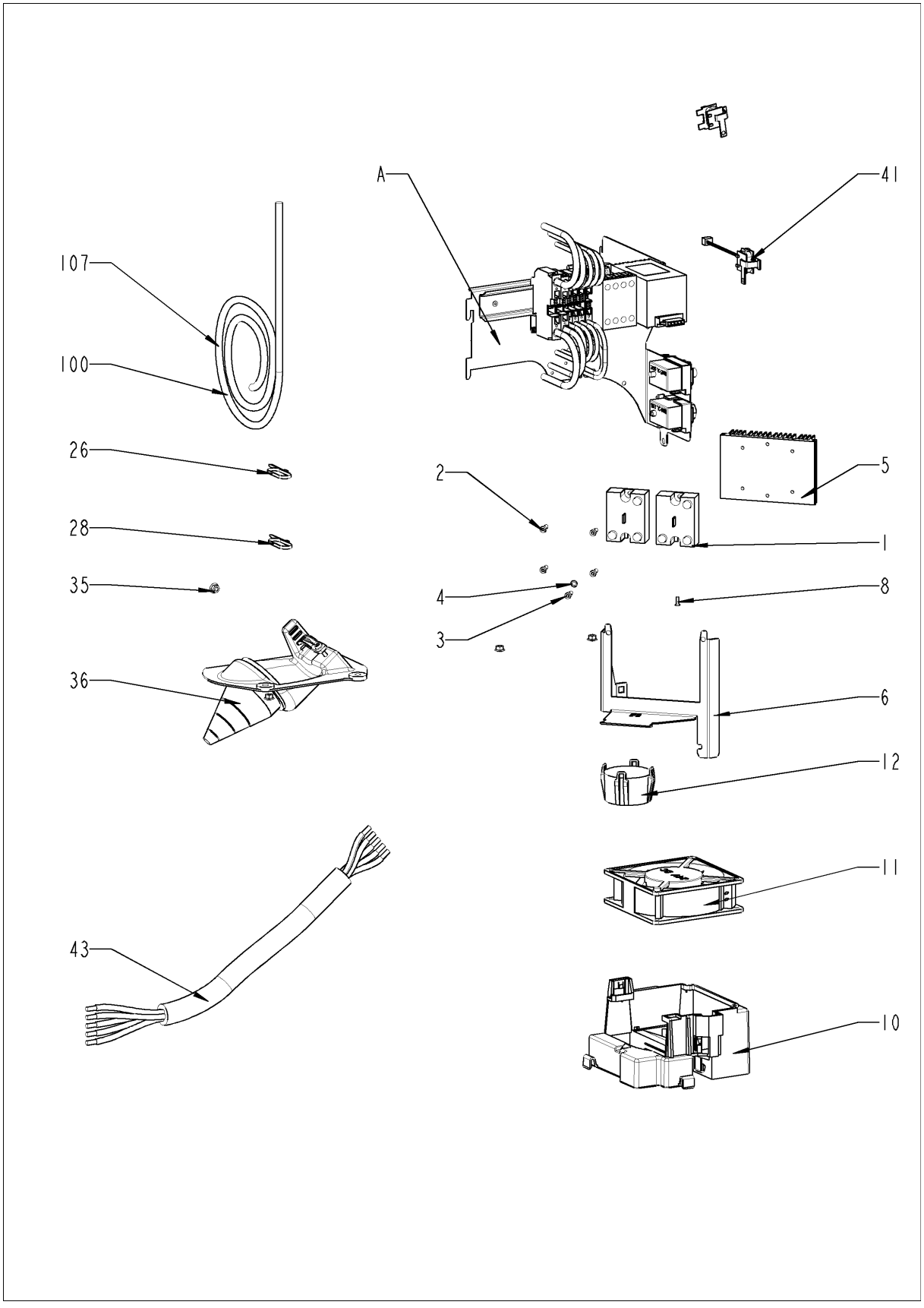
Control panel



Control panel

Pos.	Part no.	Description	Qty.
1	87.01.306	Control panel insert with overlay *FU*	1
2	42.00.272	Control pcb	1
7	16.03.205	Dial	3
8	40.00.464	Potentiometer CT	1
9	5110.1027	Distance plate for front panel	2
10	5110.1029	Gasket mode switch	3
12	16.02.865	Sealing f. panel insert	1
13	42.00.007	External memory	1
14	42.00.094	Mode switch mechanism	1
15	42.00.044	Pot. Hot Air	1

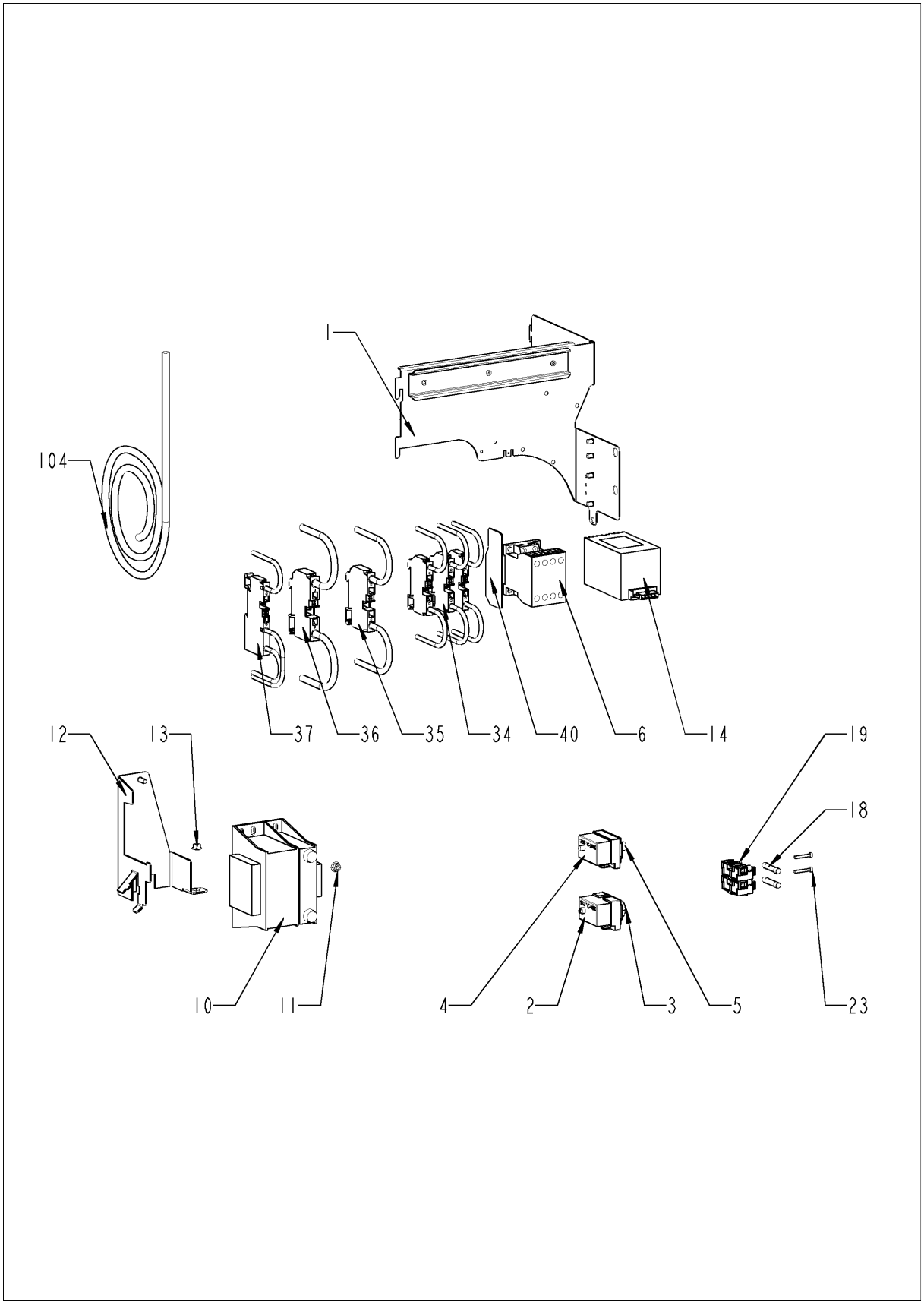
Electrical installation



Electrical installation

Pos.	Part no.	Description	Qty.
1	40.00.453	Solid state relais	6
2	10.00.061	Pan head screw Torx T20 M4x12	12
3	10.00.061	Pan head screw Torx T20 M4x12	2
4	1204.0120	Tooth lock washer A4,3	2
5	40.04.211	Heat sink 3 SSR	2
6	40.04.213	Mounting device heat sink SSR	1
7	10.01.266	Pan head screw Torx T20 10,5mm	18
8	1105.0120	Hex nut M5	1
9	1205.0120	Tooth lock washer A5,3	1
10	40.03.661	Fan housing	1
11	40.03.428	Cooling fan with NTC	1
12	40.03.257	Converter 230VAC 24VDC	1
26	40.03.732	Tie rap 160 mm	1
28	40.03.769	Tie rap 173 mm	2
35	1105.0121	Hex combination nut M5 galv	2
36	40.00.609	Cable entry	1
41	40.04.048	Buzzer	1
42	1104.0121	Hex nut M4 self locking	1
43	40.01.273	Power supply cable 4x35mm² 3m	1
100	40.03.998	Bus cable 1.15m	1
107	40.04.362	Wiring interior light	1
A		Electrical installation	1

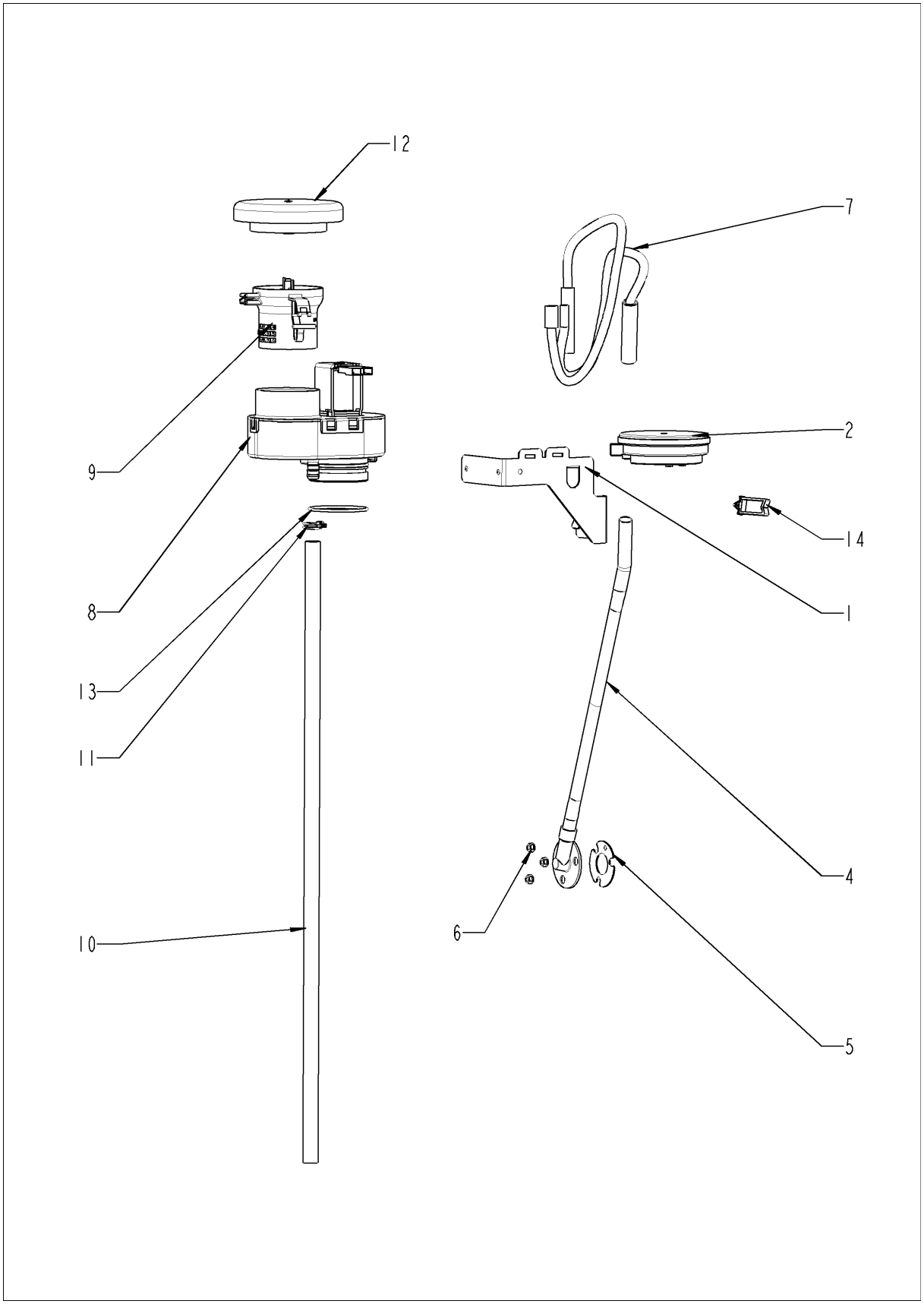
Electrical installation



Electrical installation

Pos.	Part no.	Description	Qty.
1	40.03.360	Contactor assembly	1
2	40.01.329	Dry up protector 183°C	1
3	3014.0327	Hex nut M10x1,0	1
4	40.01.482	Safety temperature limiter 365°C	1
5	3014.0327	Hex nut M10x1,0	1
6	40.03.666	Contactor B&J K3-74B00 190 R	1
7	40.02.641	Auxilliary contact B&J HN10 N/O	1
10	40.03.348	Control transformer T1	1
11	10.01.065	Hex nut M5	1
12	40.03.404	Mounting support transformer	1
13	10.01.065	Hex nut M5	1
14	40.02.425	Varistor	1
18	4001.0224	Fuse 6.35x32mm	2
19	40.02.512	Fuse holder 2x6.3A	1
23	10.00.365	Pan head screw Torx M3x20	2
34	40.03.729	Terminal block grey WKN 35/U	3
36	40.03.731	Earth terminal WKN 35SL/U	1
103	40.05.034	Cable contactor-SSR	1
104	40.04.987	Cable control harness	1

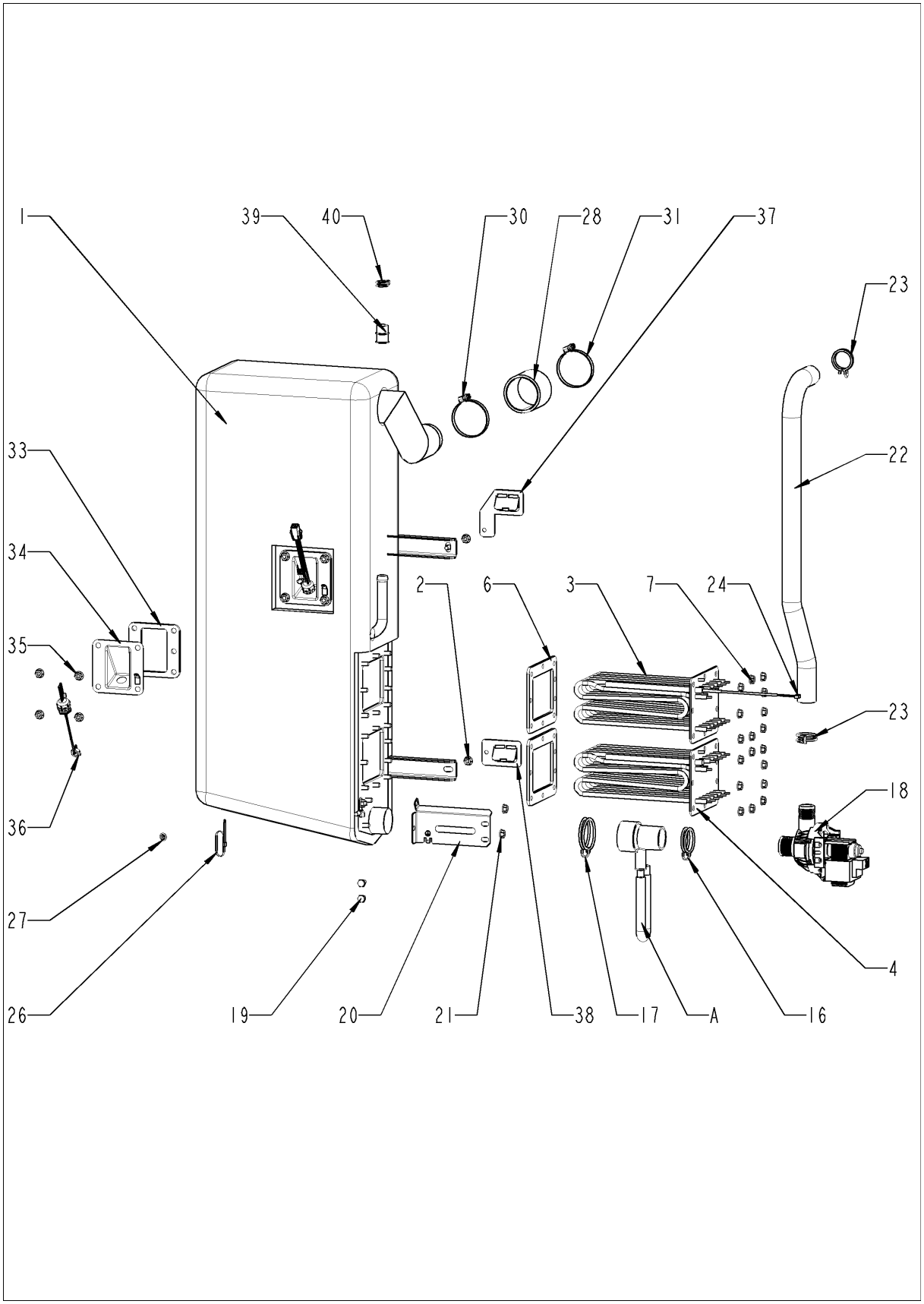
ClimaPlus



ClimaPlus

Pos.	Part no.	Description	Qty.
1	22.00.882	Mounting device f. pressure sensor	1
2	3017.1011	Pressure sensor for humidity control Huba 401	1
4	22.00.850	Outer humidity meas. Piece	1
5	22.00.881	Gasket f. hum. meas. Pipe	1
6	1104.0122	Hex combination nut M4 galv	3
7	22.00.525	Hose set f. humidity control	1
8	22.00.725	Humidity control cpl.	1
9	22.00.915	Air inlet pipe	1
10	22.00.959	Drain hose for humidity control	1
11	2066.0527	Hose clamp ø14mm	2
12	22.00.767	Vent cover	1
13	22.00.837	O-ring for humidity control	2
14	10.00.111	Cable clip long	2

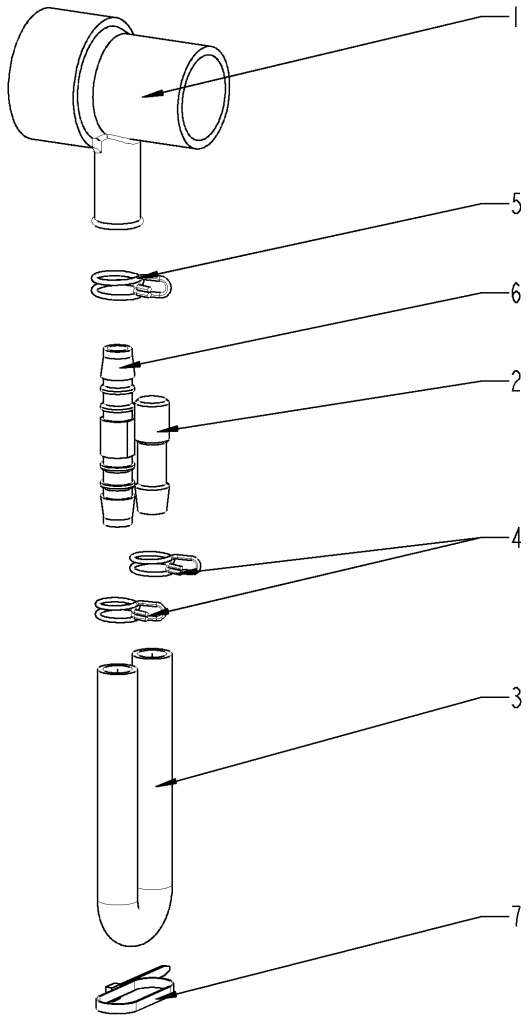
Steam generator



Steam generator

Pos.	Part no.	Description	Qty.
1	44.00.943	Steam generator insolated	1
2	10.00.709	Hex nut M6 w. locking	2
3	44.01.376	Heating element	1
4	44.01.376	Heating element	1
6	44.00.279	Gasket f. heating element	2
7	10.00.709	Hex nut M6 w. locking	18
16	2066.0519	Hose clamp Ø35,6mm	1
17	2066.0526	Hose clamp ø46mm	1
18	44.00.207	Emptying pump	1
19	1006.0762	Hex screw M6x10	2
20	44.00.232	Fixing device f. pump steam generator	1
21	10.00.709	Hex nut M6 w. locking	2
22	44.01.222	Drain hose steam generator	1
23	2066.0518	Hose clamp 30mm	2
24	40.04.106	Thermocouple steam generator *B5*	1
26	10.00.414	Cable strap black 120°	1
27	1104.0122	Hex combination nut M4 galv	1
28	2112.1006	Steam hose Ø50x50mm	1
30	2066.0504	Hose clamp 40-60mm	1
31	2066.0504	Hose clamp 40-60mm	1
33	44.00.280	Gasket f. heating element+Level elektrode insert	1
34	2920.1300	Level elektrode insert	1
35	10.00.709	Hex nut M6 w. locking	4
36	44.01.417	Filling level electrode 90 mm	1
37	44.01.168	Fixing angle steam generator	1
38	44.01.181	Fixing angle steam generator	1
39	44.01.031	Closing cap for steam generator	1
40	10.00.982	Hose clamp D=18.2	1
A	8354.1320	Pump connection spout cpl.	1

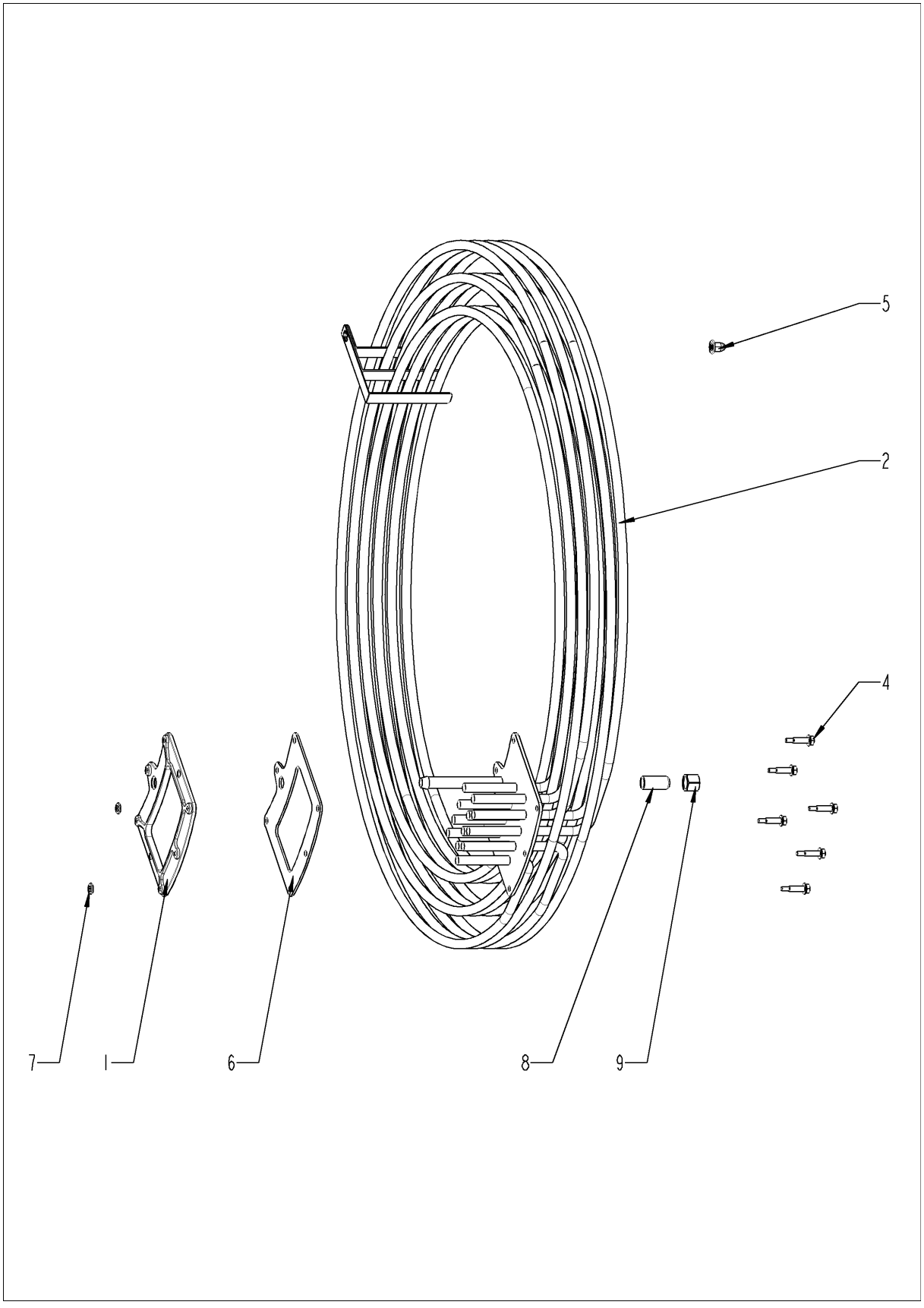
Pump connection spout



Pump connection spout

Pos.	Part no.	Description	Qty.
1	2118.1000	Pump connection spout	1
2	2120.1259	Stop plug 10mm	1
3	2110.1008	Silicon hose ø10x2mm	1
4	2066.0527	Hose clamp ø14mm	2
5	2066.0530	Hose clamp ø16.4mm	1
6	2062.0331	Junction pressure hose GS 10	1
7	4005.0101	Tie rap 145 mm	1

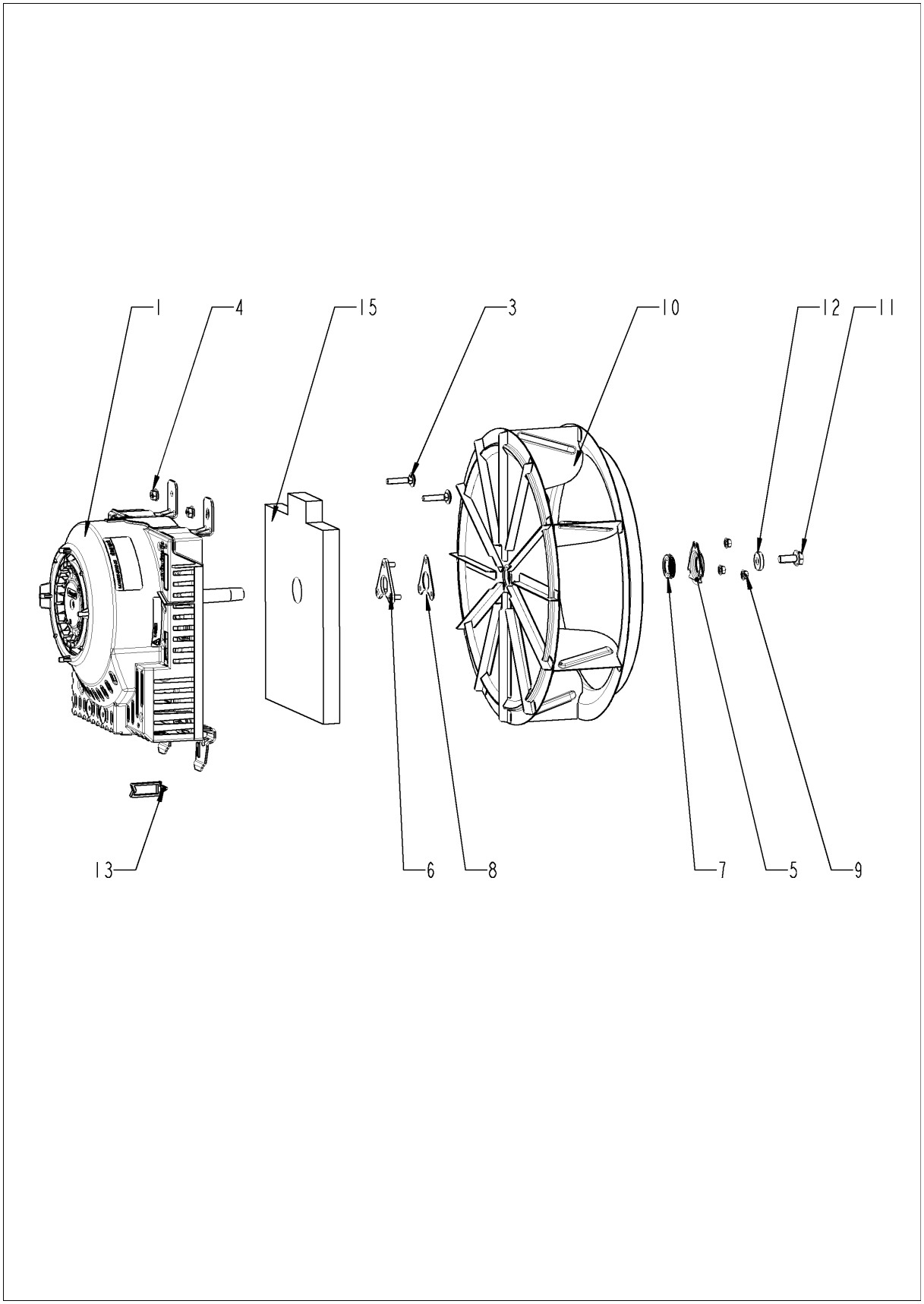
Hot air heating



Hot air heating

Pos.	Part no.	Description	Qty.
1	40.03.413	Mating flange f. heating assembly	1
2	40.03.645	Heating assembly	1
4	10.00.109	Hex screw M5x23	6
5	10.01.076	Cap nut M5*A2	1
6	40.03.416	Gasket f. heating assembly	1
7	1107.0103	Star lock ø3	2
8	10.00.991	Sealing cap	1
9	50.01.454	Cap nut M12x11.5	1

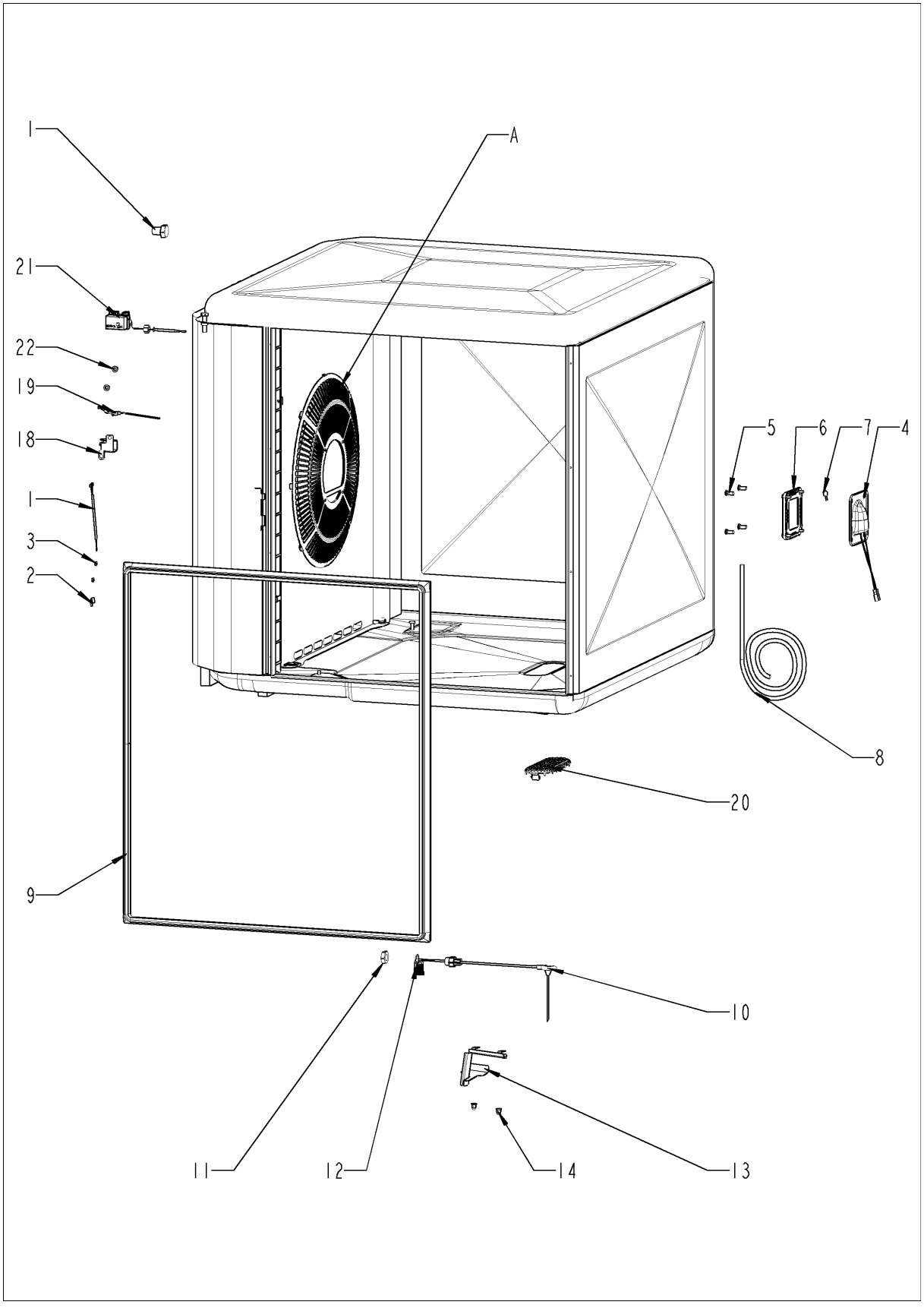
Motor and fan wheel



Motor and fan wheel

Pos.	Part no.	Description	Qty.
1	40.03.513	Fan motor with motor shaft gasket	1
3	10.01.049	Square necked mushroom head bolt 6x30	4
4	10.00.709	Hex nut M6 w. locking	2
5	22.00.721	Flange f. motor shaft gasket	1
6	22.00.722	Mounting support f. gasket flange	1
7	22.00.985	Motor shaft gasket D15	1
8	22.01.196	Graphit seal for gasket flange	1
9	10.01.065	Hex nut M5	3
10	22.00.829	Fan wheel	1
11	10.00.936	Hex screw M8x20	1
12	1308.0162	Washer A8,4	1
13	10.00.111	Cable clip long	3
15	20.01.755	Isolation for mounting plate for motor	1

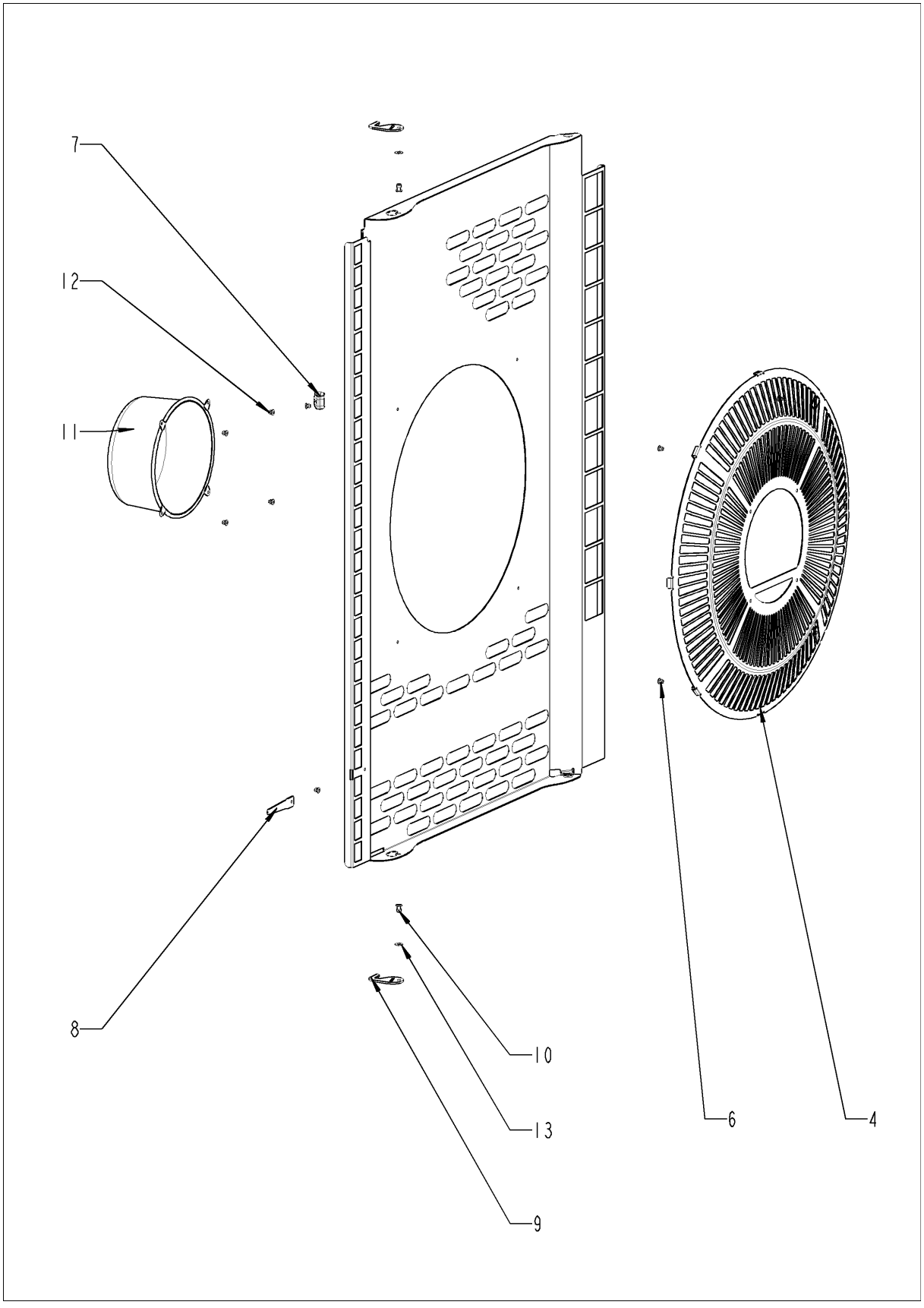
Interior cabinet



Interior cabinet

Pos.	Part no.	Description	Qty.
1	40.00.290	Thermocouple humidity *B4*	1
2	10.00.087	Clamp strap f. sensor	1
3	10.00.100	Hex nut M4, self-locking	1
4	40.00.098	Reflector f. interior light	1
5	10.01.429	Rivet nut M5 hexagon closed with gasket	4
6	40.00.091	Gasket frame w. glass a. gaskets	1
7	40.03.994	Halogen bulb 300°C	1
8	40.04.362	Wiring interior light	1
9	20.02.553	Door gasket	1
10	40.04.040	Meat probe sensor	1
11	10.00.612	Hex nut M16 flat	1
12	1315.0104	Copper washer 16x20x1,5	1
13	40.04.373	Screen core temperature sensor	1
14	10.01.076	Cap nut M5*A2	2
17	40.04.085	Thermocouple interior cabinet B1	1
18	40.03.782	Screen interior cabinet sensor	1
19	10.01.076	Cap nut M5*A2	2
20	54.01.117	Outlet sieve	1
21	40.01.482	Safety temperature limiter 365°C	1
22	3014.0327	Hex nut M10x1,0	1
A	22.00.706	Air baffle	1

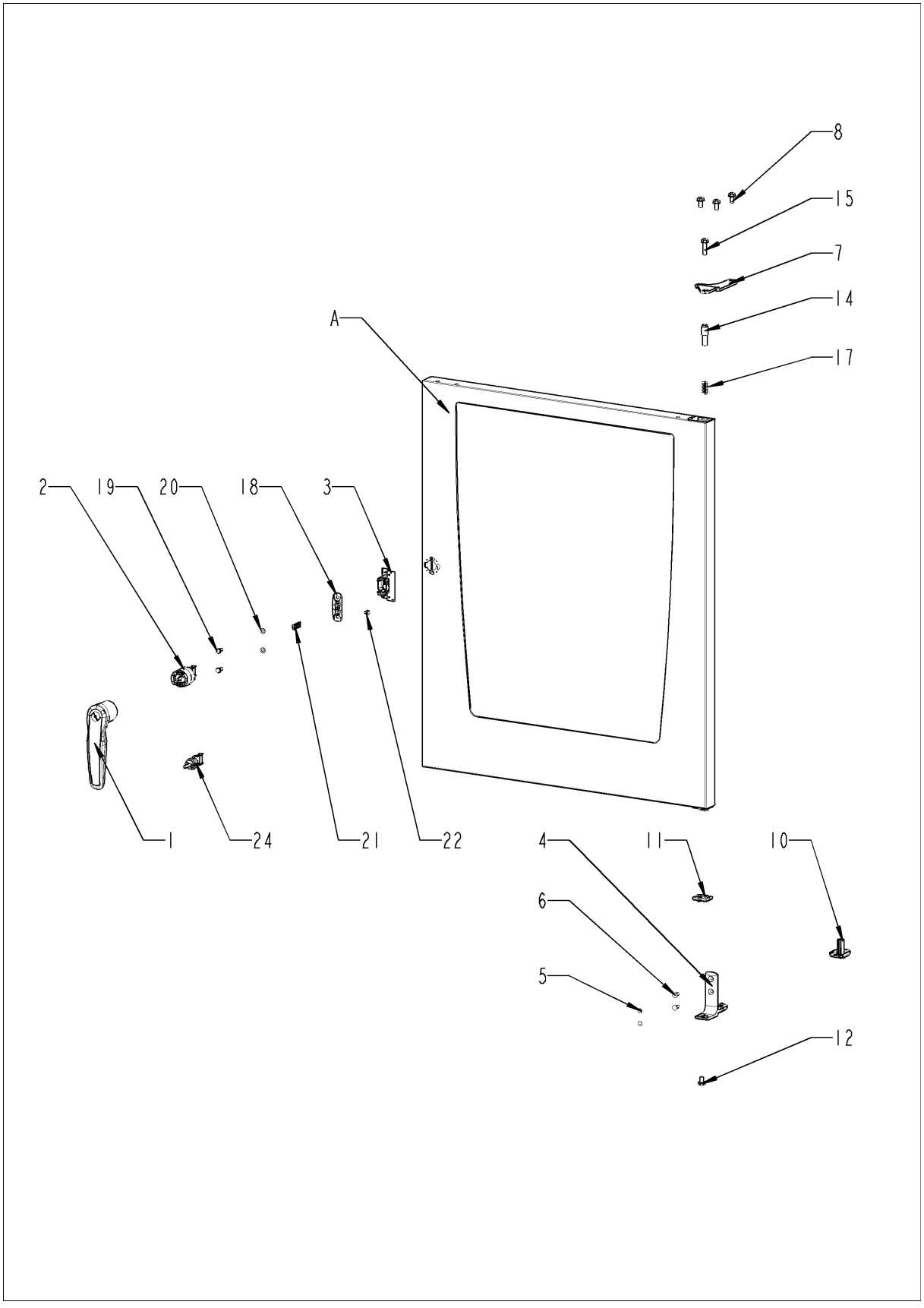
Air baffle



Air baffle

Pos.	Part no.	Description	Qty.
4	22.00.730	Hand protection	1
6	10.00.515	Rivet 3,2x5 A4	4
7	40.03.780	Fixing clip core temp. cable	1
8	22.00.491	Surge guard for Meat probe sensor	1
9	2760.1370	Latch hook for air baffle	2
10	1604.0167	Rivet 4x10	3
11	22.00.361	Deep-draw f. air baffle	1
12	10.00.515	Rivet 3,2x5 A4	4
13	10.00.744	Washer A4,3 *A4	3

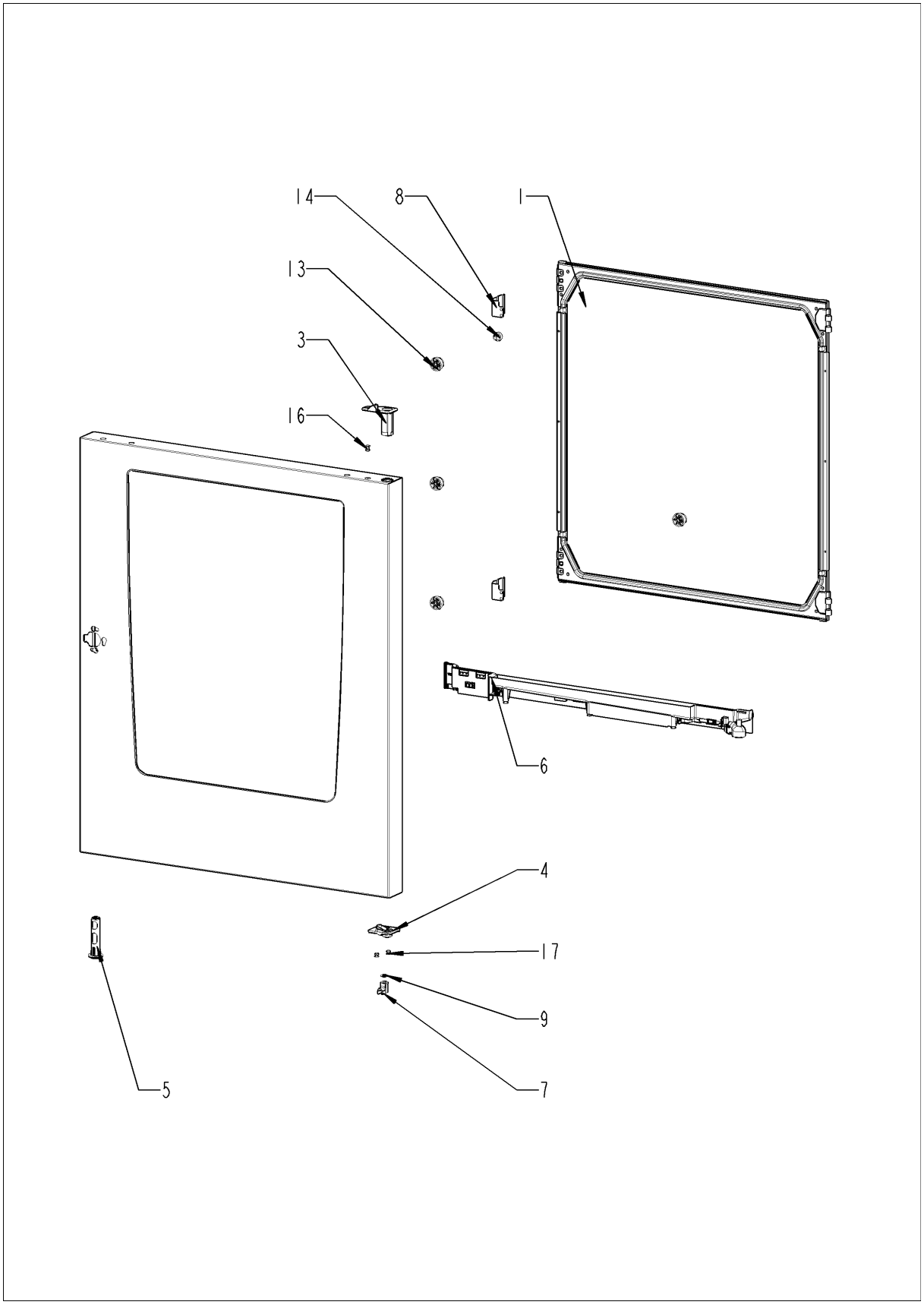
Door



Door

Pos.	Part no.	Description	Qty.
1	24.03.470	Door handle	1
2	24.03.041	Door lock with spring U-bolt	1
3	24.03.184	Lock cover	1
4	24.02.814	Door mounting support bottom	1
5	10.00.090	Cap f. Torx T30	2
6	1006.1962	Countersunk screw Torx M6x16	2
7	24.00.133	Door mounting support top	1
8	1008.0768	Ornamental screw M8x16	3
10	24.02.967	Cable cover	1
11	24.02.951	Door bolt	1
12	10.01.527	Hex screw M8x12	1
14	24.03.040	Door bolt	1
15	1008.0769	Ornamental screw M8x30	1
17	2001.0109	Compression spring	1
18	24.02.958	Holding bracket f. door catch	1
19	1006.0760	Hex screw M6x16	2
20	1306.0120	Washer A6,4	2
21	24.02.959	Door catch	1
22	24.02.960	Interlocking tooth screw M5x6	1
24	24.03.288	Spring U-bolt for door lock	1
A	24.03.604	Door	1

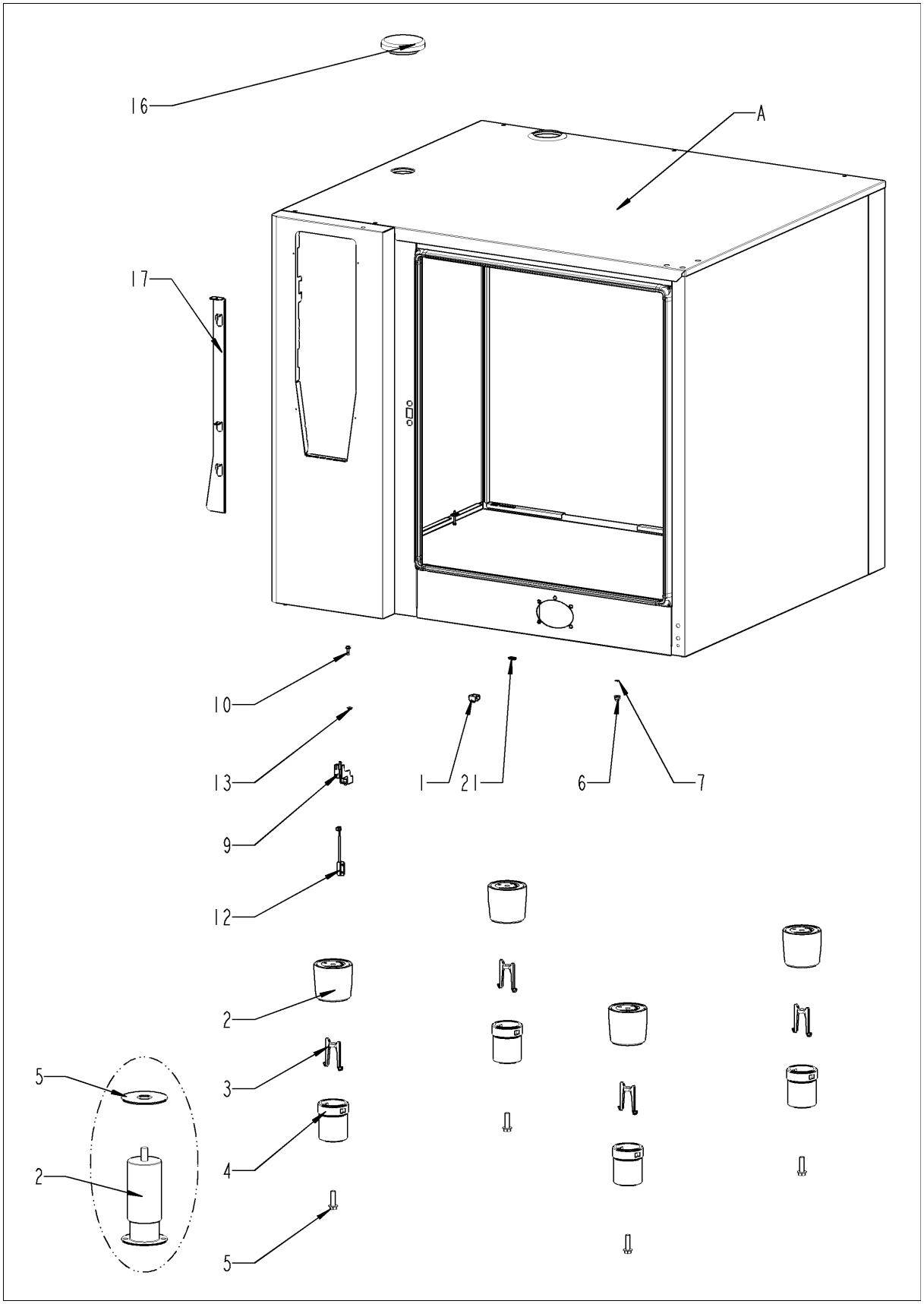
Door



Door

Pos.	Part no.	Description	Qty.
1	24.03.610	Inner door pane	1
3	24.03.052	Sleeve for door bolt top	1
4	24.02.966	Door setting bolt	1
5	24.00.502	Fixing device f. magnet with magnet	1
6	87.01.429	Door drip collector	1
7	24.03.056	Slide bush for door	1
8	24.03.060	Fixing bracket for interior glass pane	2
9	24.03.057	Abrasion protection for glide socket	1
13	24.03.762	Base for spacer	6
14	24.00.171	Silicone buffer 7mm for door	6
16	10.00.890	Rivet 4x10	1
17	10.00.904	Rivet B4x8	2

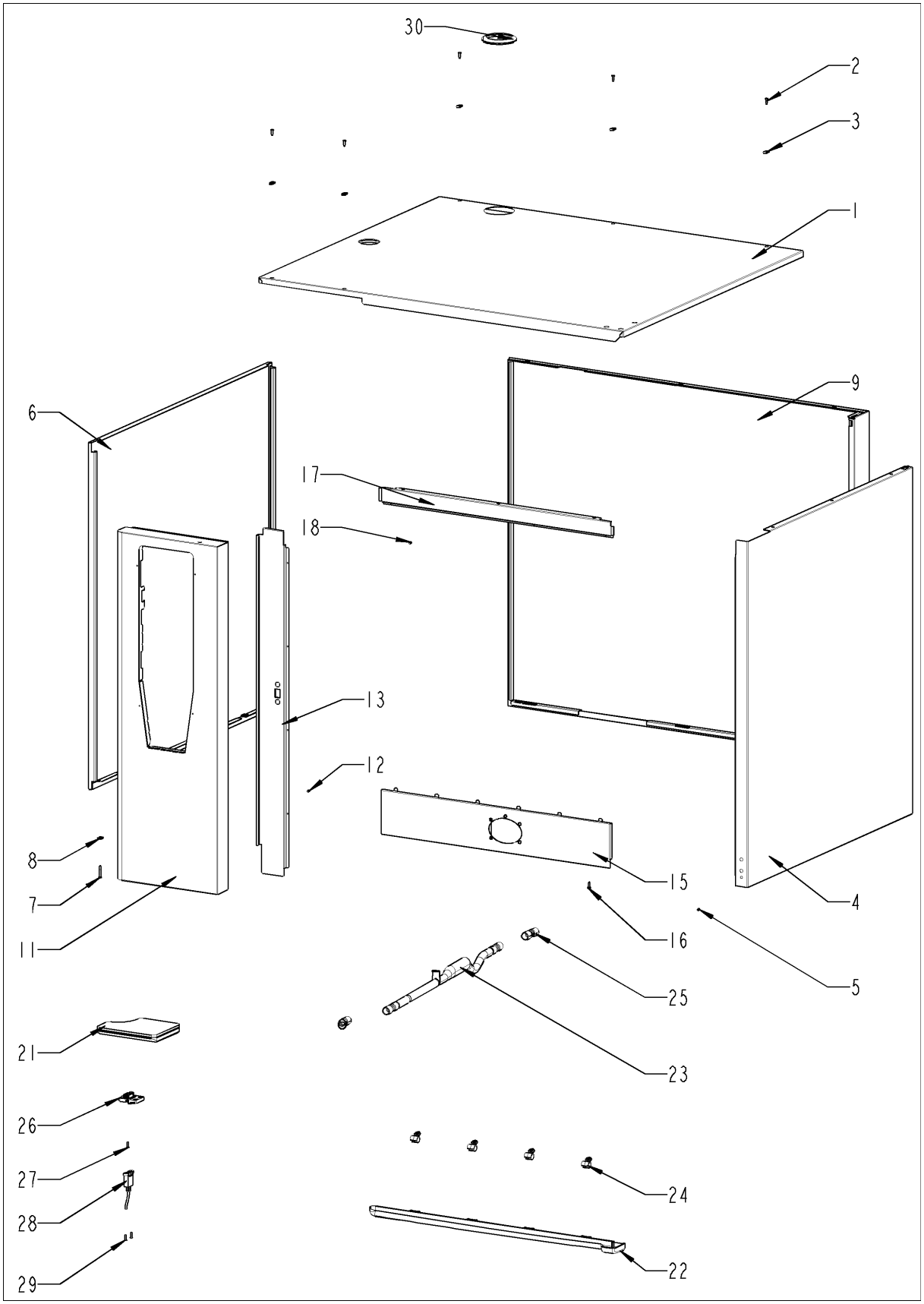
Exterior cabinet



Exterior cabinet

Pos.	Part no.	Description	Qty.
1	1110.0800	Cage nut M10	4
2	12.00.205	Upper part of pedestal	1
3	12.00.516	Turning lock f. lower part of pedestal	1
4	12.01.133	Lower part of pedestal	4
5	10.00.975	Hex screw M10x35	1
6	10.00.745	Cap nut M6*A2	1
7	1206.0120	Tooth lock washer A6,4	1
9	16.01.146	Bracket for door contact switch	1
12	40.04.343	Door switch 1.05m	1
16	22.00.767	Vent cover	1
17	16.02.870	Opening mechanism for panel insert	1
21	1104.0820	Snap nut 4,2mm	3
A		Exterior cabinet	1

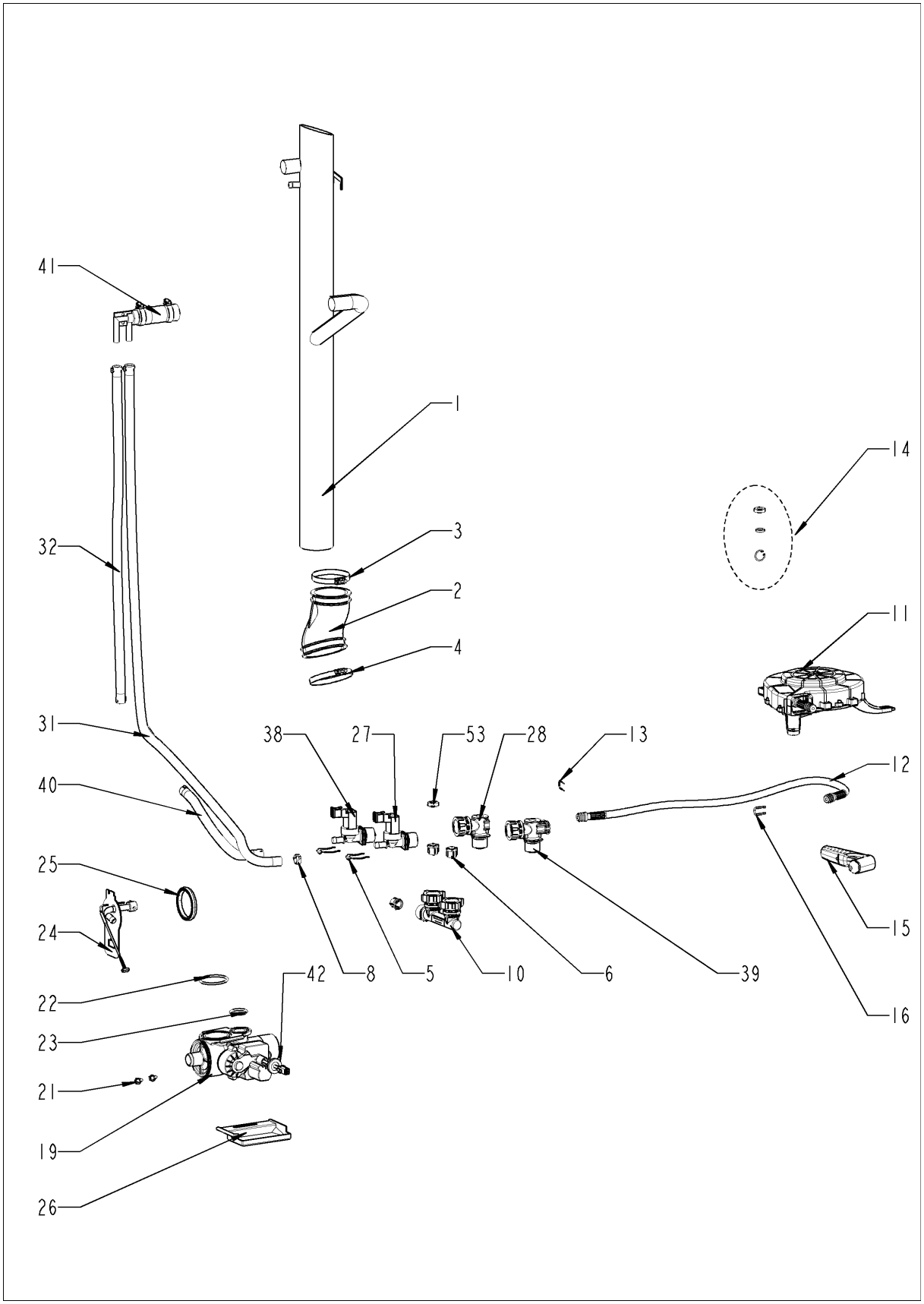
Exterior cabinet



Exterior cabinet

Pos.	Part no.	Description	Qty.
1	16.02.154	Top cover	1
2	1003.2265	Countersunk self tapping screw 4,2x16	5
3	1104.0820	Snap nut 4,2mm	3
4	16.00.154	Side panel right	1
5	1603.0166	Rivet 3,2x7,9 CNS closed	4
6	16.00.155	Side panel left	1
7	10.00.992	Hex self tapping screw B4,2x32	2
8	1104.0820	Snap nut 4,2mm	2
9	16.01.927	Back panel	1
11	16.02.746	Front panel	1
12	1603.0166	Rivet 3,2x7,9 CNS closed	4
13	16.00.681	Crossbar front panel	1
15	16.00.322	Crossbar below f. tulip	1
16	1004.2160	Hex self tapping screw 4,2x16	3
17	16.00.331	Crossbar top	1
18	1603.0166	Rivet 3,2x7,9 CNS closed	4
21	40.02.684	Air inlet filter cpl.	1
22	50.00.300	Drip collector	1
23	50.01.614	Drain pipe with bushing	1
24	50.00.296	Clip f. drip collector	4
25	50.00.303	Bushing drip collector	2
26	16.00.329	Cover f. USB interface	1
27	10.00.103	EJOT PT-screw KA 3.5x10	1
28	40.04.046	Interface cable USB 1.0m	1
29	10.00.460	EJOT PT-Screw Torx 3,5x14	2
30	16.01.434	Gasket f. breather tube d=73mm	1

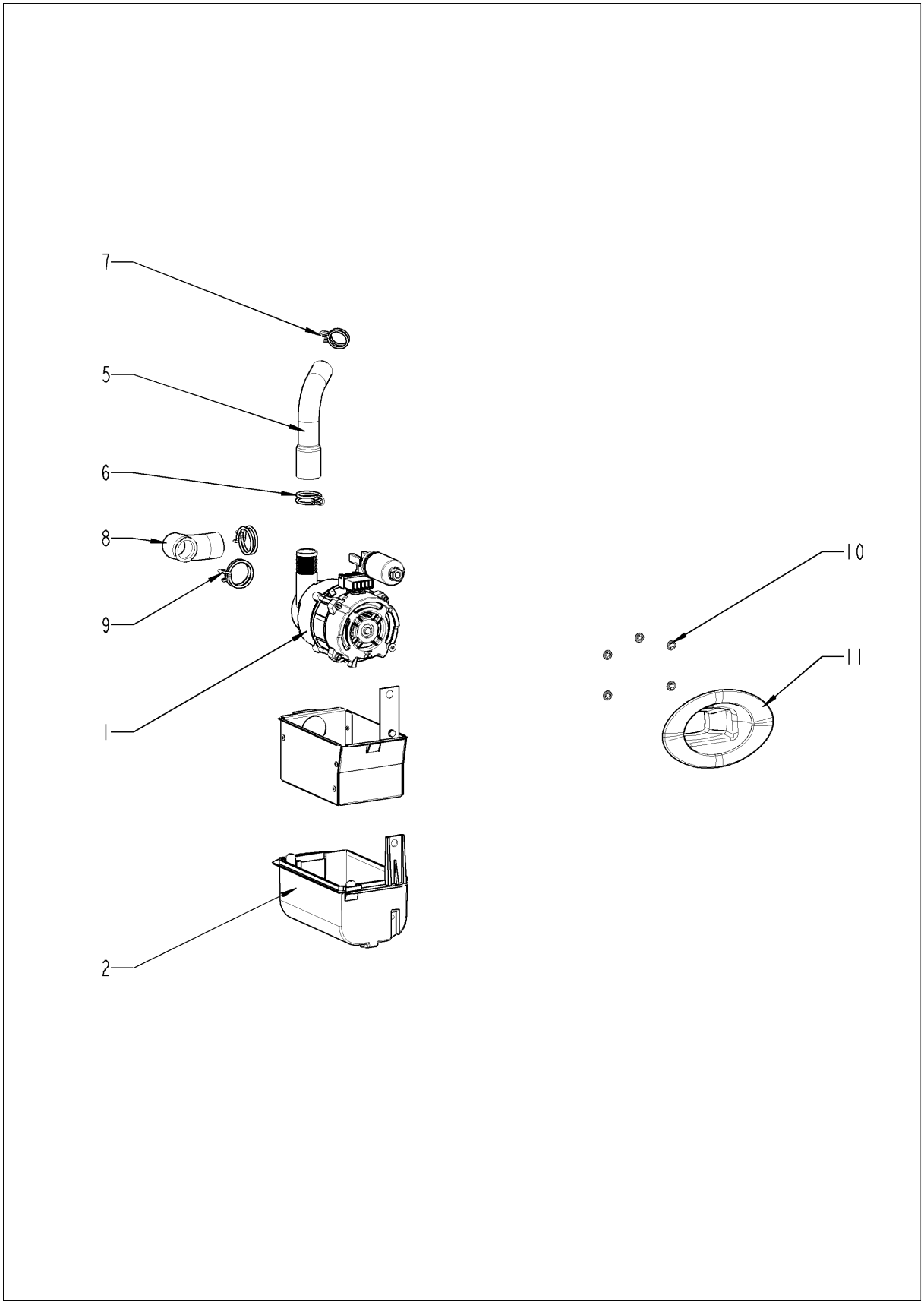
Water


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Water

Pos.	Part no.	Description	Qty.
1	54.00.879	Ventilation pipe	1
2	54.01.142	Rubber form piece venting pipe	1
4	10.01.262	Hose clamp 76 mm	2
5	50.00.086	Locking plate f. water distribution	1
6	1900.0202	Water filter	2
8	2066.0205	Hose clamp 8-16x9 mm SW 7mm	1
10	50.00.313	T-fitting water connection	1
11	52.00.060	Hand shower roll guide	1
12	50.01.818	Connect. hose f. hand shower roll guide	1
13	50.00.085	Plug-in spring f. hand shower roll guide	1
14	87.00.417	Repair set shaft seal 01/2004	1
15	50.00.282	Hand shower black	1
16	50.00.156	Clamp f. hand shower roll guide	1
18	1105.0121	Hex combination nut M5 galv	1
19	56.00.618	Ball valve drain SCC cpl.	1
21	10.00.449	Pan head screw M6x16	2
22	10.00.511	O-ring for ball valve drain 46x3.5	1
23	10.00.512	O-ring for ball valve drain 26x3.5	1
24	54.01.169	Inspection lid, quenching nozzle, B2	1
25	54.01.168	Gasket f. inspection lid	1
26	54.01.191	Collecting pan	1
27	50.01.147	Single solenoid valve Y1	1
28	50.00.071	Water distribution hor. w/o roll guide con.	1
31	2067.0050	Pressure hose d10mm	1.36
32	2067.0050	Pressure hose d10mm	.65
32	2067.0050	Pressure hose d10mm	.65
38	50.01.146	Single solenoid valve Y2	1
39	50.00.070	Water distribution hor roll guide con.	1
40	2067.0050	Pressure hose d10mm	.39
41	8354.1304	Venting valve for steam generator	1
42	2022.0101	Grommet d8mm	1
53	1900.0102	Flow controller red 5 l/min	1
54	50.00.554	O-ring for hand shower 11x2mm	2

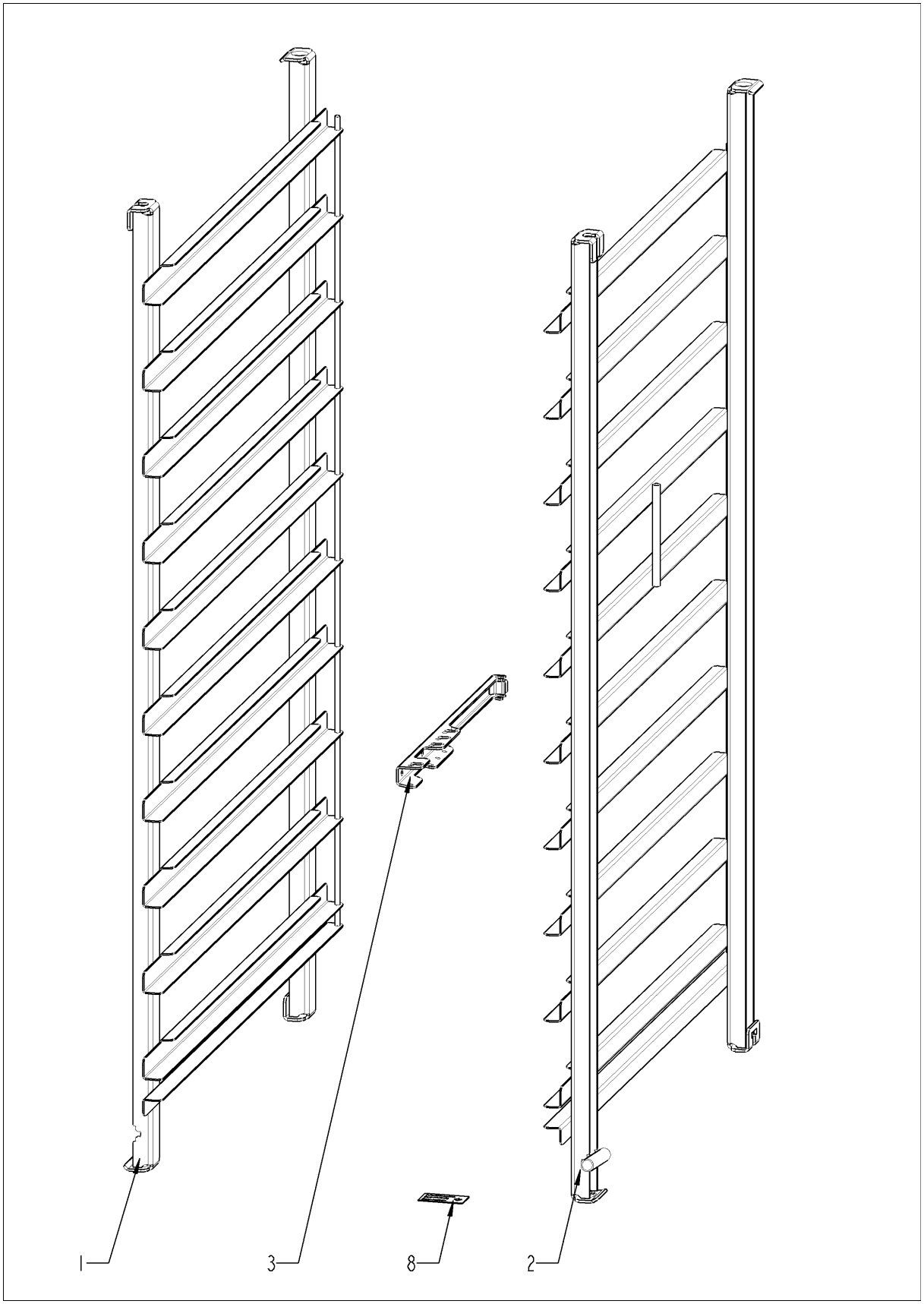
CleanJet + Care



CleanJet + Care

Pos.	Part no.	Description	Qty.
1	56.00.153	Pump f. cleaning UP30	1
2	12.00.319	Housing f. Cleaning pump	1
5	56.00.166	Pressure hose f. cleaning	1
6	2066.0518	Hose clamp 30mm	1
7	2066.0521	Hose clamp 27mm	1
8	56.00.607	Suction hose f. cleaning	1
9	2066.0518	Hose clamp 30mm	2
10	1107.0100	Star lock ø4	5
11	50.00.754	Tulip for handshower with tape black	1

Standard accessory



Standard accessory

Pos.	Part no.	Description	Qty.
1	60.12.116	Hinging rack left Typ 102	1
2	60.12.117	Hinging rack right Typ 102	1
3	60.71.022	Positioning support f. core sensor	1
8	10.01.191	Sticker set	1

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Part no.	Description	Page
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22.00.706	Air baffle	21
40.02.684	Air inlet filter cpl.	31
22.00.915	Air inlet pipe	11
40.02.641	Auxilliary contact B&J HN10 N/O	9
16.01.927	Back panel	31
56.00.618	Ball valve drain SCC cpl.	33
24.03.762	Base for spacer	27
16.01.146	Bracket for door contact switch	29
40.03.998	Bus cable 1.15m	7
50.00.303	Bushing drip collector	31
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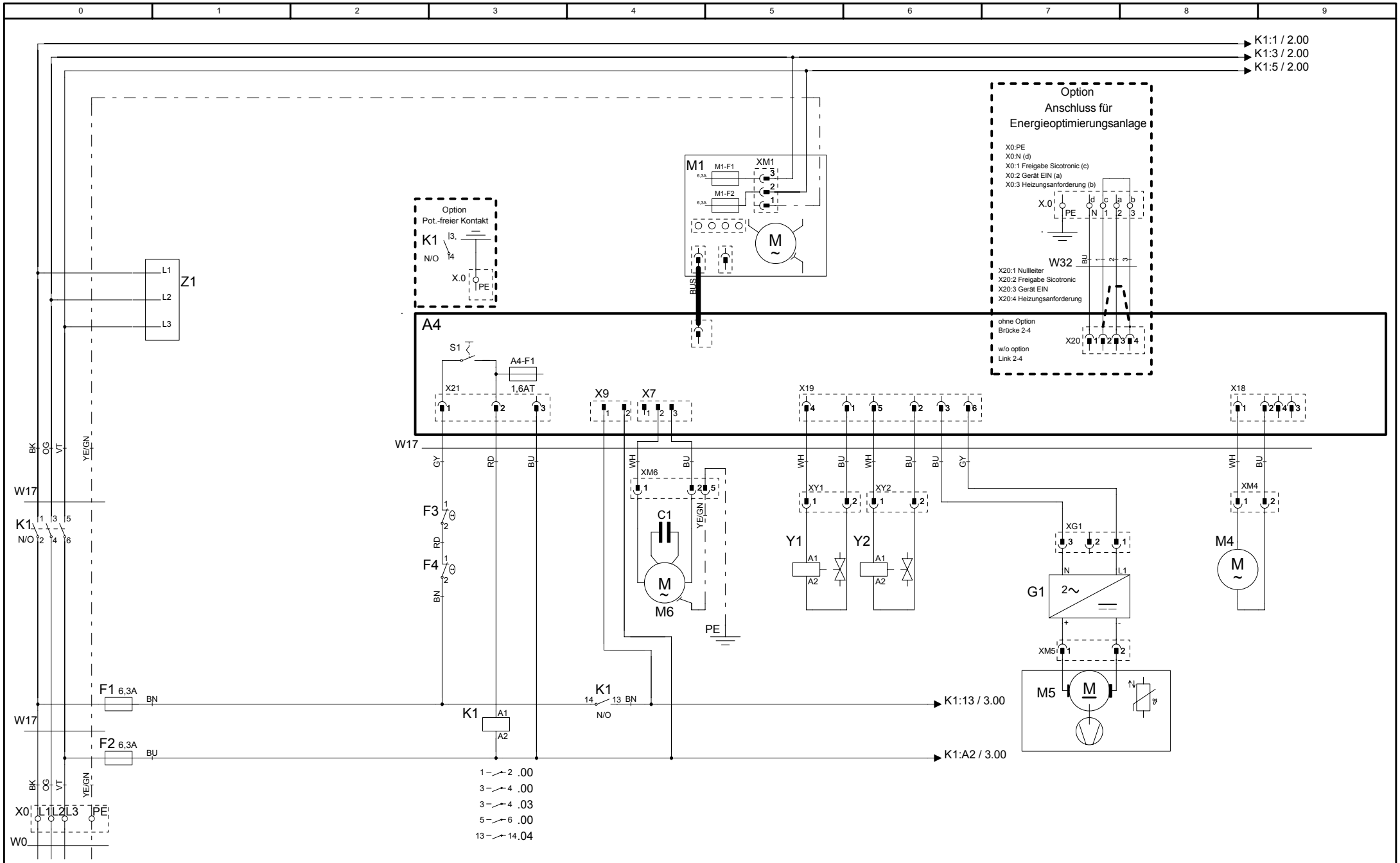
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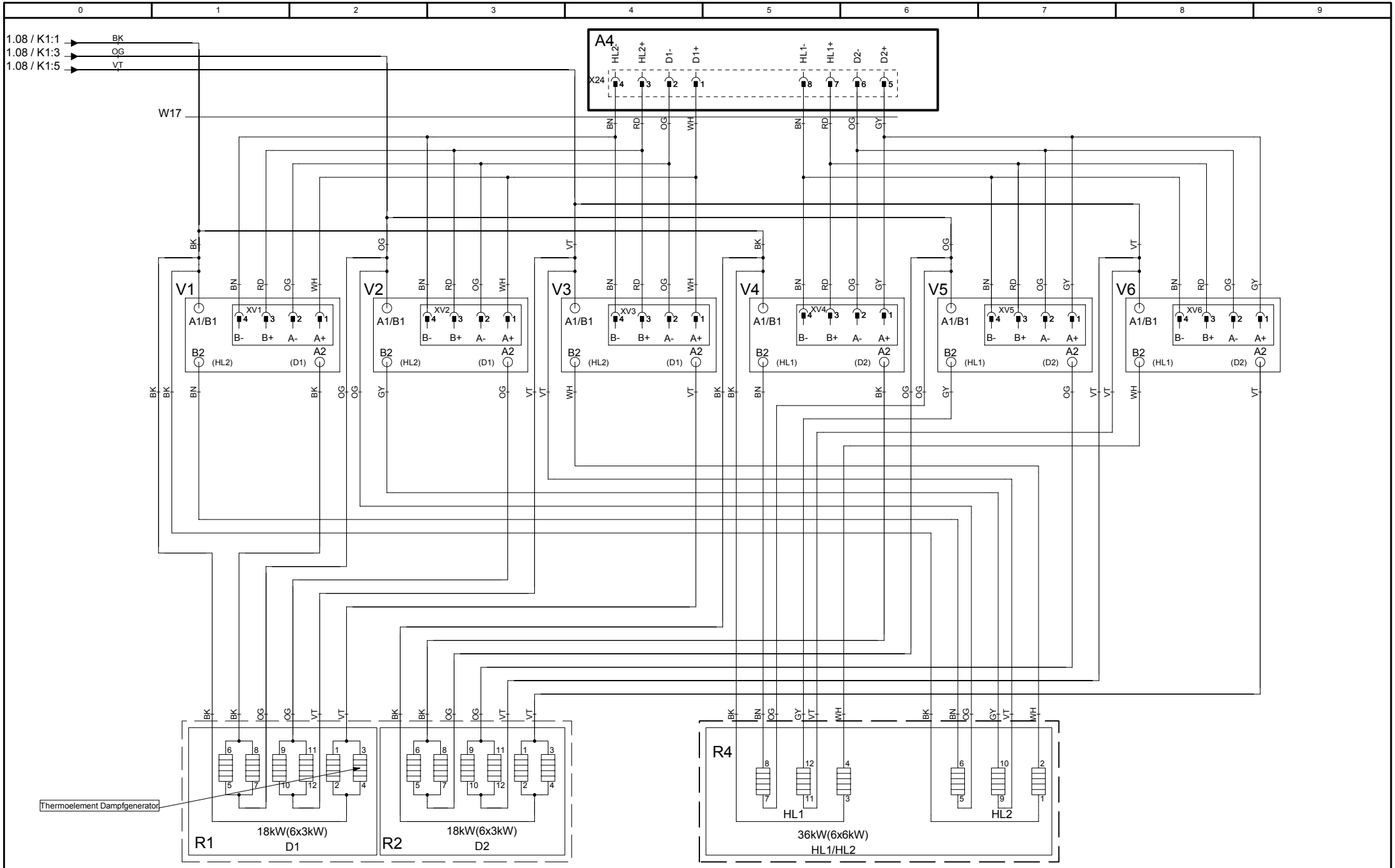
Deckblatt Elektrische Dokumentation, Cover sheet electrical Documentation

Die Elektrische Dokumentation besteht aus: 1. diesem Deckblatt, 2. dem Schaltplan und 3. der Legende der elektrischen Bauteile
The electric documentation contains: 1. this cover sheet, 2. the wiring diagram and 3. the bill of material (BOM)

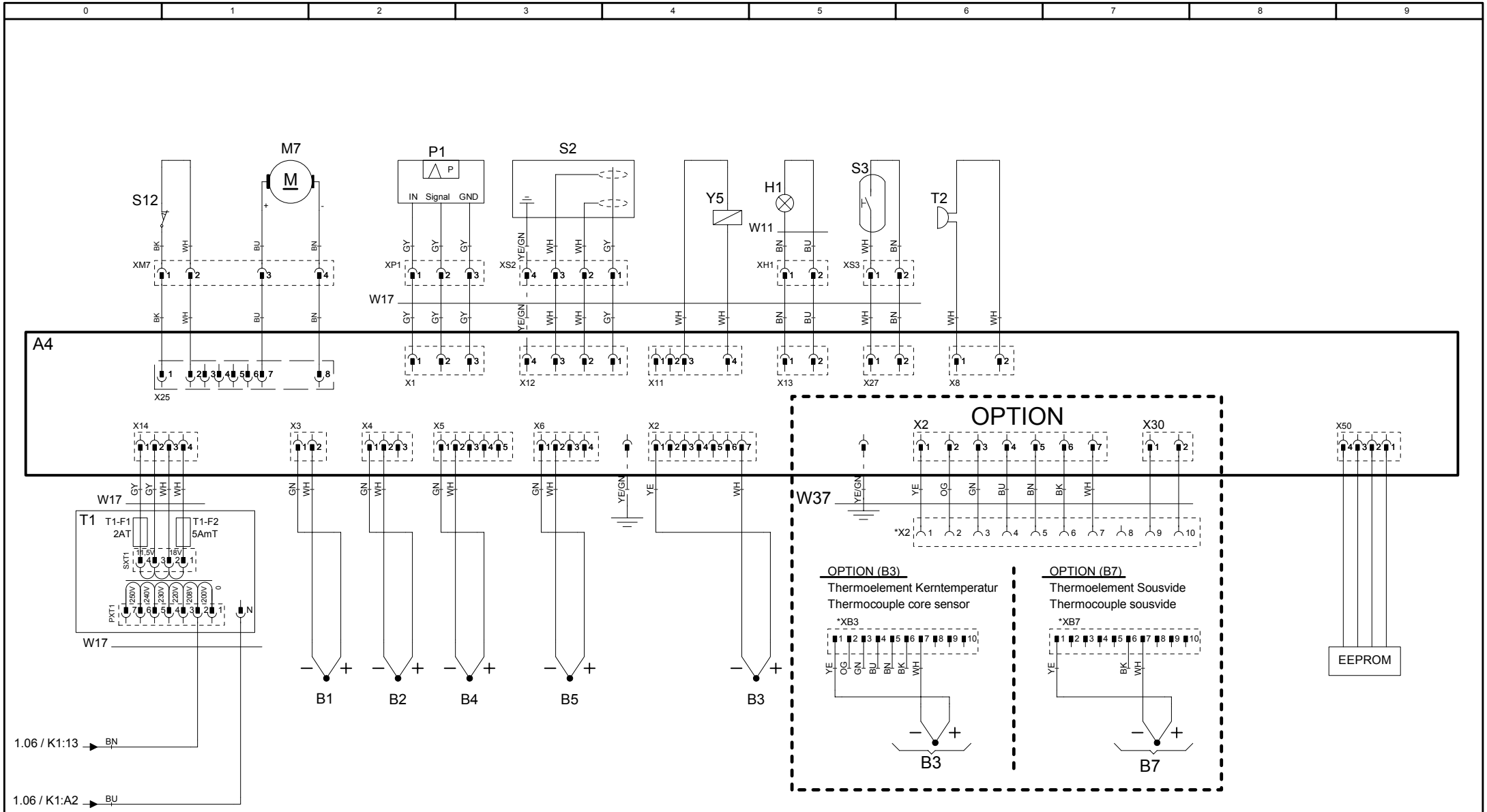
Typ **Type**	CMP 102E		
Spannung (SPL) **Voltage**	3AC200 V 50/60 Hz		
Deckblatt-Nr. **Front Page No.**	75-22505	**Version**	0
Schaltplan **Wiring diagram**	76-01009	**Version**	0
Legende **Legend electr. components**	78-01953	**Version**	0
Geräteserialnr. **Serial number**	E12MI1703	**Version**	1703
Erstellt am **Created at**	16.03.2017	**Ersteller** **Creator**	HEJA
Gültig ab **Valid from**	16.03.2017	**Änderung** **Modification**	20160108



76-01009	MODUL 1 Leistung/Power	CMP 102E	Erstellt von: HEJA
Version: 0		3AC200 V 50/60 Hz	Datum: 16.03.2017 Blatt: 1



76-01009	MODUL 2 Heizung/Heating	CMP 102E	Erstellt von: HEJA
Version: 0		3AC200 V 50/60 Hz	Datum: 16.03.2017 Blatt: 2



76-01009	MODUL 3 Sensoren/Sensors	CMP 102E	Erstellt von: HEJA
Version: 0		3AC200 V 50/60 Hz	Datum: 16.03.2017
			Blatt: 3

Positionsliste
Bill of material

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-A4	42.00.272	Bedienplatine CMP	Operator PCB CMP
-B1	40.04.085	Thermoelement Garraum	Thermocouple interior cabinet
-B2	54.01.169	Thermoelement Steuerventil	Thermocouple control valve
-B3	40.04.040	Thermoelement Kerntemperatur	Thermocouple core sensor
-B4	40.00.290	Thermoelement Feuchte	Thermocouple humidity
-B5	40.04.106	Thermoelement Dampfgenerator	Thermocouple steam generator
-F1/F2	4001.0224	Steuersicherung	Control fuse
-F3	40.01.329	Sicherheitstemperaturbegrenzer DG	Safety thermostat steam generator SG
-F4	40.01.482	Sicherheitstemperaturbegrenzer 360°C/680°F	Safety thermostat interior cabinet 360°C/680°F
-G1	40.03.257	Gleichrichter Kühllüfter	DC converter cooling fan
-H1	3024.0201	Garraumbeleuchtung	Interior cabinet light
-K1	40.03.666	Hauptschütz	Main contactor
-M1	40.03.513	Lüftermotor	Fan motor
-M4	44.00.207	SC-Pumpe	SC-pump
-M5	40.03.428	Kühllüfter	Cooling fan
-M6	56.00.153	CleanJet Pumpe SCC WE	CleanJet pump SCC WE
-M7	56.00.618	Kugelhahn Ablauf	Drain valve
-P1	3017.1011	Differenzdrucksensor	Differential pressure sensor
-R1	44.01.376	Dampfheizkörper	Heating element steam
-R2	44.01.376	Dampfheizkörper	Heating element steam
-R4	40.03.645	Heißluftheizkörper	Heating element hot air
-S2	44.01.417	Niveauelektrode	Water level electrode
-S3	40.04.343	Türkontaktschalter	Door contact switch
-S7	40.00.464	Potentiometer Zeit / Kerntemperatur	Time / Core potentiometer
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-T1-F2	3019.0114	Sicherung Steuertrafo T1 5AmT	Fuse control transformer T1 5AmT
-T2	40.04.048	SCC WE: Lautsprecher / CMP: Alarmsummer	SCC WE: Speaker / CMP: Buzzer
-V1-V12	40.00.453	Leistungshalbleiter	Solid state relais
-W0	40.01.273	Anschlusskabel	Cable: power supply
-W11	40.04.362	Kabel: Garraumbeleuchtung	Cable: interior cabinet light

Änderungsdatum	**16.03.2017**	Name	**CMP 102E**	Dokument-Nr.	**78-01953**
Erzeuger	**HEJA**	Spannung	**3AC200 V 50/60 Hz**	Version	**0**

Positionsliste
Bill of material

Name **Name**	**Artikelnr.** **Item number**	**Artikelbezeichnung**	**Item description**
-W16	40.05.034	Kabel: Klemmen/Hauptschütz/SSR	Cable: terminal/main contactor/SSR
-W17	40.04.987	Kabel: Steuerstamm	Cable: control harness
-Y1	50.01.147	Magnetventil Füllen	Solenoid valve filling
-Y2	50.01.146	Magnetventil Steuerventil	Solenoid valve control valve
-Y5	22.00.725	Klimaventil	Clima valve
-Z1	40.02.425	Entstörfilter/Varistor	Electronic noise filter