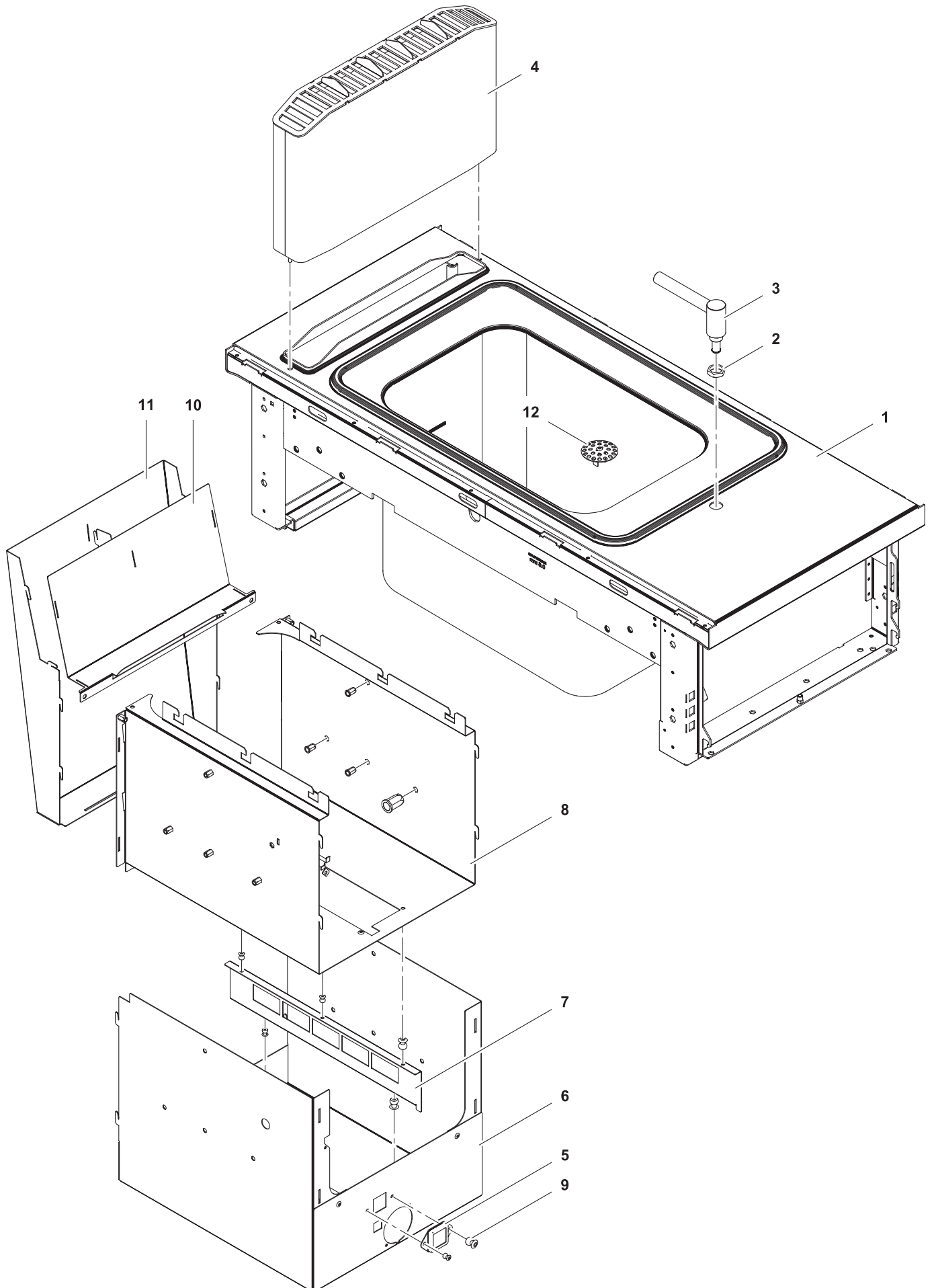


**THERMALINE 80/85/90**

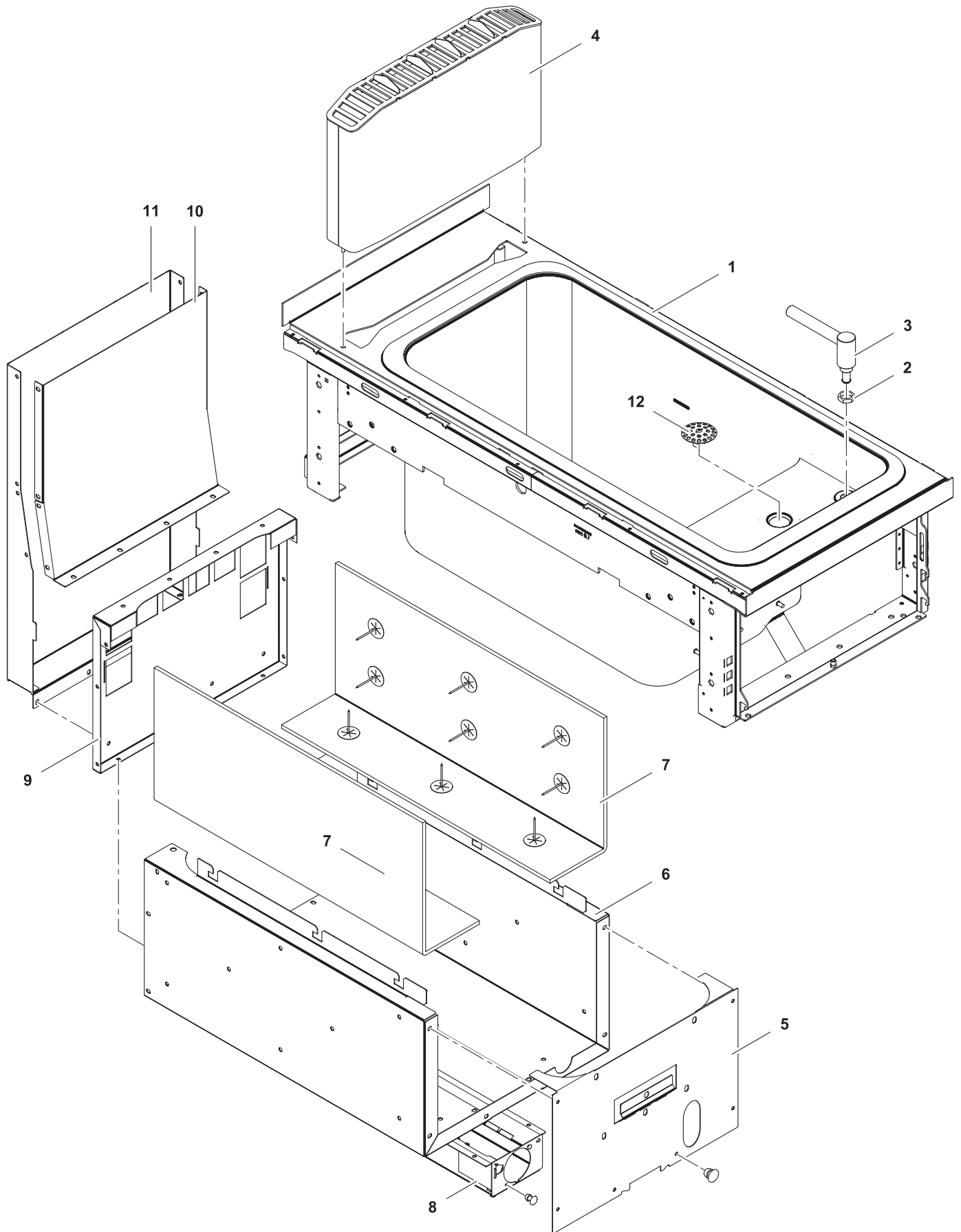
**DE** GAS NUDELKOCHER 20L / 40L  
**EN** GAS PASTA COOKER 20L / 40L

PNC	Factory Model	Ref.	Description
588626	MBKDGBDDPO	a	20L, C-BOARD, 400X850X700H
593117	MBKDGBDDVO	a	20L, C-BOARD, TOWNGAS, 400X850X700H,
589473	MCKDEADDPO	b	20L, 400X900X700H
589474	MCKDEBDDPO	b	20L, C-BOARD, 400X900X700H
593338	MCKDEADDVO	b	20L, TOWNGAS, 400X900X700H
593339	MCKDEBDDVO	b	20L, C-BOARD, TOWNGAS, 400X900X700H
589477	MCKDFADDPO	c	20L, 400X900X800H
589478	MCKDFBDDPO	c	20L, C-BOARD, 400X900X800H
589294	MCKFEADDPO	d	40L, 400X900X700H
589295	MCKFEBDDPO	d	40L, C-BOARD, 400X900X700H
593340	MCKFEADDVO	d	40L, TOWNGAS, 400X900X700H
593341	MCKFEBDDVO	d	40L, C-BOARD, TOWNGAS, 400X900X700H
589451	MCKFFADDPO	e	40L, 400X900X800H
589452	MCKFFBDDPO	e	40L, C-BOARD, 400X900X800H

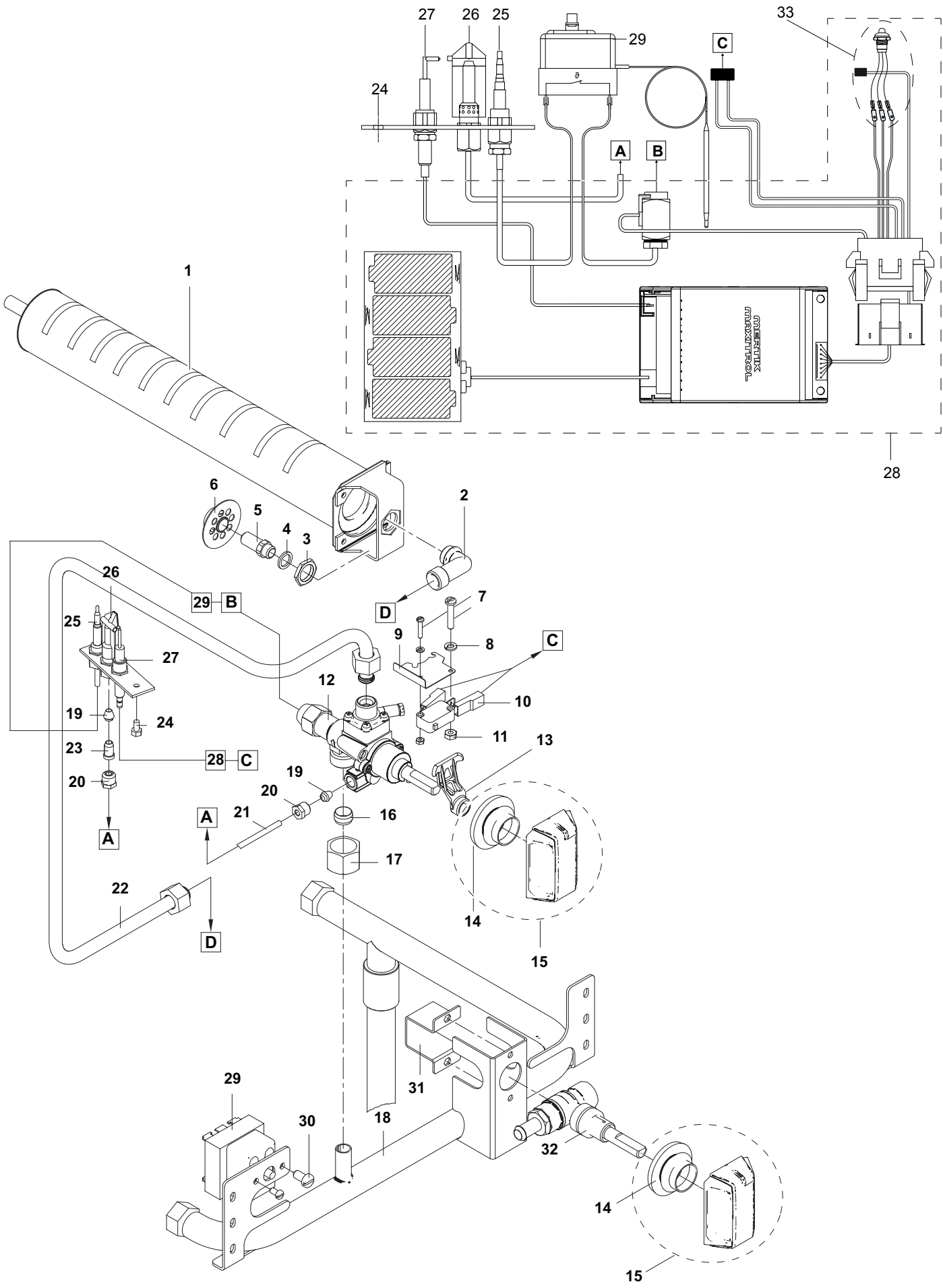
Page	Index	Last Updates	Page	Pos.
2	Mechanical Module 20L	12/2015	all	
4	Mechanical Module 40L	04/2016	all	
6	Gas heating system	12/2016	10/11	
8	Water connections 20L / 40L	09/2017	12, 13	
10	Other parts 20L / 40L	02/2018	3 / 9 / 11	12 / 1, 5, 6, 7, 12 / 4, 5, 6
		04/2018	9	1
		10/2018	6, 7	33
		11/2018	11	22, 23, 24, 25, 26
		12/2018	7	15
<b>Valid from Ser. № 3101....</b>		03/2019	7	13
		05/2019	7	14, 15
		06/2023	7	29



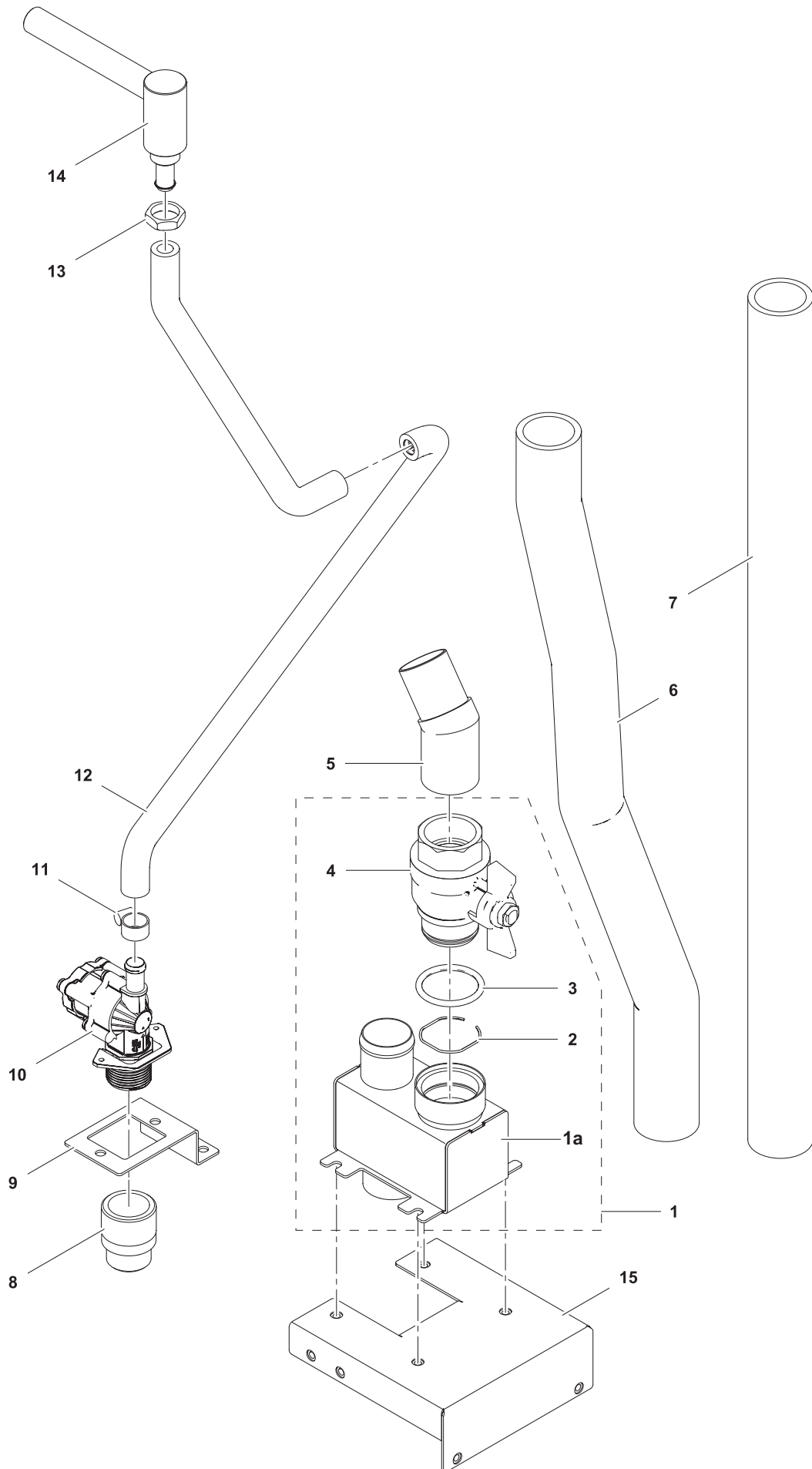






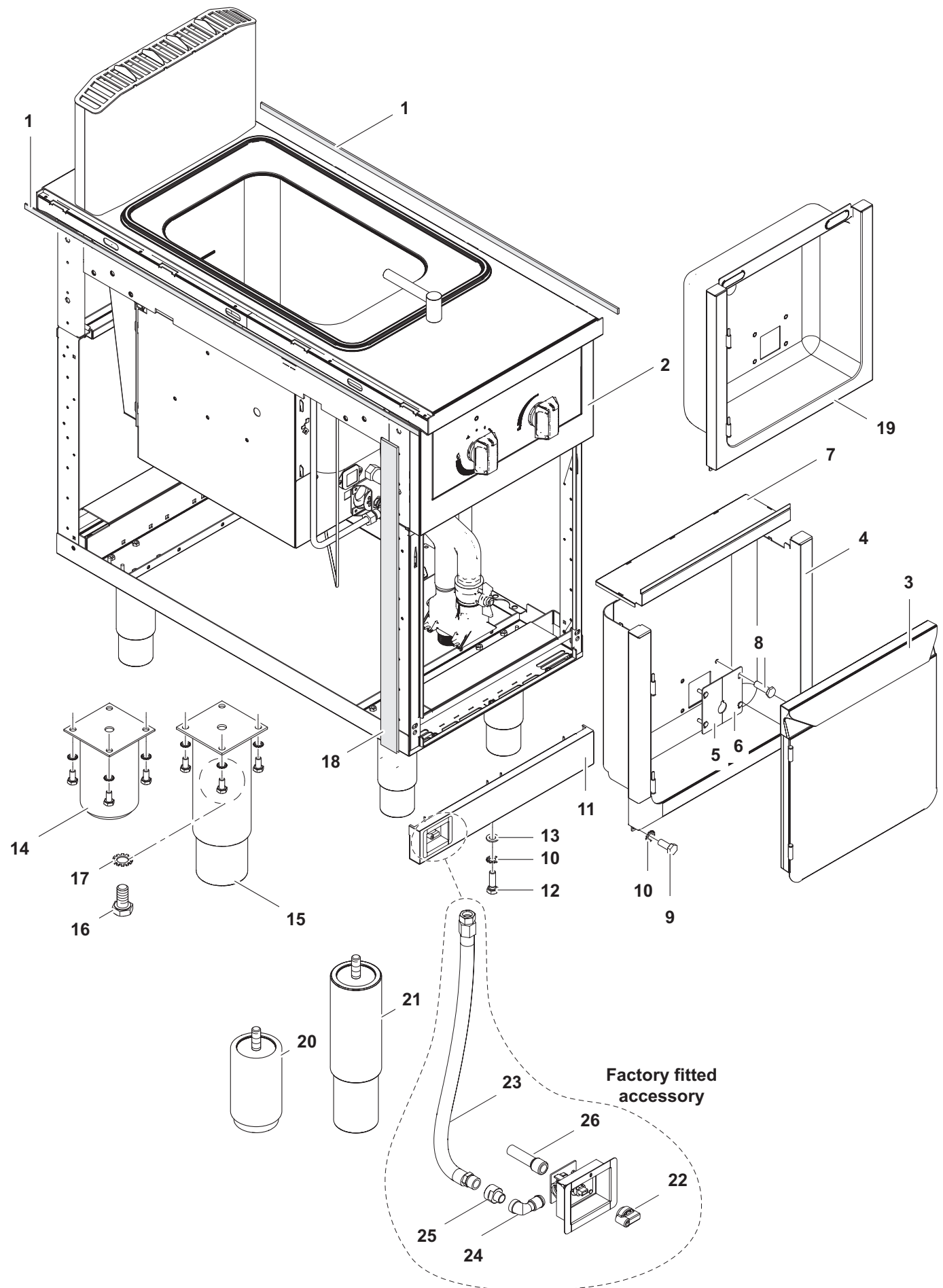


<b>3</b>	<b>Alias</b>	<b>Code</b>	<b>Bezeichnung</b>	<b>Description</b>	<b>Ref.</b>	<b>Valid from Serial N°</b>
1	82.7041	0C6795	Brenner 20L	Burner 20L	a b c	
	82.7062	0C8028	Brenner 40L	Burner 40L	d e	
2	82.7126	0G8114	Düsenträger	Nozzle holder	all types	
3	72.7748	020997	Gegenmutter zu Düse	Counter nut to nozzle	all types	
4	72.7747	054029	Dichtung zu Düse	Gasket to nozzle	all types	
5	See nozzle list	-	Düse	Nozzle	all types	
6	1 106 1202	054039	Halter Gasdüse	Holder Nozzle	all types	
7	1 701 1087	0G6797	Zylinderschraube M3x16	Cylinder screw M3x16	all types	
8	1 701 5068	0KW901	Federring M3	Lockwasher	all types	
9	82.4068	0G6944	Stütze Microswitch	Support Microswitch	all types	
	82.4678	0G7909	Stütze Mikroschalter	Microswitch support	all types	7031...
10	82.7156	053671	MICROSWITCH XGG2-88-J27Z1	MICROSWITCH XGG2-88-J27Z1	all types	
11	1 701 3057	0U0182	Mutter M3	Nut M3	all types	
12	82.7040	0C8647	Gasregulierhahn	Gas adjusting valve		
	712 344996	0K5756	Gasregulierhahn Stadtgas	Gas adjusting valve Towngas	Towngas	
13	82.4075	0G6358	Steuerhebel Microswitch	Control lever Microswitch	all types	until 6501...
	82.4666		Steuerhebel Microswitch	Control lever Microswitch	Towngas	from 6111... to 7011...
	82.4679.01	0G7910	Hebel Mikroschalter	Mircoswitch lever	all types	from 7031... to 9051...
	82.4679.02	0G7911	Hebel Mikroschalter	Mircoswitch lever	Towngas	from 7031... to 9051...
	82.7612.01	0G8572	Steuerhebel Microswitch	Mircoswitch lever	all types	9061...
	82.7612.02	0G8573	Steuerhebel Microswitch	Mircoswitch lever	Towngas	9061...
14	82.7009	0G6247	Dichtung Drehgriff	Sealing for handle	all types	
	82.7628	0G8603	Dichtung Drehgriff	Sealing for handle	Colored M2M	
15	82.6637.05	0G7697	Drehgriff Kpl.	Handle complete kit	all types	
	82.6638.05	0G8624	Drehgriff Kpl.	Handle complete kit	Colored M2M	
	82.6637.08	0G8461	Drehgriff Kpl. (Stadtgas)	Handle complete kit (Towngas)	Towngas	
16	712 345053.01	0G3333	Progressivring D12	Progressive ring D12	all types	
17	712 345052.03	0KX142	Überwurfmutter	Screwcap	all types	
18	82.7256	*	Gasrampe Nudelkocher	Gas line Pastacooker	a b c	
	82.4575	*	Gasrampe Nudelkocher	Gas line Pastacooker	d e	
19	1 701 2757	0G2960	Klemmring D4	Clamp ring D12	all types	
20	72.7742		Verbindungsanschluss	Connecting port	all types	
21	82.4256	*	Gaszuleitung Zündleitung	Gas line ignition wire	a b c	
	82.4576	*	Gaszuleitung Zündleitung	Gas line ignition wire	d e	
22	82.4255	*	Gasleitung	Gas line	a b c	
	82.4577	*	Gasleitung	Gas line	d e	
23	See nozzle list	-	Düse Zündbrenner	Nozzle Igniton burner	all types	
24	1 701 2503	0G5490	Sechskantschraube M4x8	Hex screw M4x8	all types	
25	82.7211		Thermoelement unterbrochen	Thermocouple interrupted	all types	
26	1 106 1204	0G2975	Zündbrenner	Ignition burner	all types	
27	72.7920	0K4320	Zündkerze	Spark plug	all types	
28	82.7332	0G6589	Kit Gasventil	Kit gas valve	all types	
29	82.7669	0G9158	Temperaturbegrenzer	Temperature limiter	a, b, c	
29	82.7670	0G9097	Temperaturbegrenzer	Temperature limiter	d, e	
30	1 701 7504		Blechschrabe 4.2x9.5	Tapping screw 4.2x9.5	all types	
31	82.4080	*	Befestigung Kugelventil	Fixation ball valve	a b c	
	82.4608	*	Befestigung Kugelventil	Fixation ball valve	d e	
32	82.7065	0C8648	Kugelventil 3/8"	Ball valve 3/8"	all types	
33		0G8460	Mertik Funktionsled	Mertik control led		





4	Alias	Code	Bezeichnung	Description	Ref.	Valid from Serial N°
1	82.7604	OG8123	Auslass montiert	Drain mounted	Standard	
1a	82.7028	OC9660	Auslass	Drain	Standard	
	82.7330		Auslass	Drain	for USA	
	83.9315	OG8202	Auslass	Drain	for USA	6201...
2	82.7031	OC8456	Klemmring	Clamp ring	all types	
2	82.7031	OC8456	Klemmring	Clamp ring	all types	
3	82.7030	OC6800	O-Ring	O-Ring	all types	
4	82.7274	OG6912	Kugelhahn 1"	Ball Valve 1"	all types	
5	82.7273.02		Auslauf gekröpft	Cranked outlet	all types	
	83.9311	OG8278	Auslauf gekröpft UL	Cranked outlet UL	for USA	6201...
6	82.7557.01		EPDM Schlauch L=180mm	EPDM Hose L=180mm	d e	
	82.7557.02		EPDM Schlauch L=220mm	EPDM Hose L=220mm	a b c	
	83.9299	OG8201	EPDM Schlauch L=180mm	EPDM Hose L=180mm	for USA	6201...
7	82.7557.05		EPDM Schlauch L=530mm	EPDM Hose L=530mm	a b c	
	82.7557.06		EPDM Schlauch L=550mm	EPDM Hose L=550mm	d e	
	83.9299	OG8201	EPDM Schlauch L=550mm	EPDM Hose L=550mm	for USA	6201...
8	1 102 2454		Verlängerung Hahn 3/4"	Extension for tap 3/4"	all types	
9	82.2663		Halter Wasserklappe	Support water valve	a b c	
	82.2962.02		Halter Wasserklappe	Support water valve	d e	
10	82.7435	OG6359	Druckventil 0,5 bar	Pressure valve 0,5 bar	all types	
11	12.9924	OG2824	Schlauchklemme	Hose clamp	all types	
12	82.4260	OC4832	Wasserleitung	Water pipe	all types	
	83.9300	OG8203	Wasserleitung 9.5 x 16.6 *NSF*	Water pipe 9.5 x 16.6 *NSF*	for USA	
13	87.4749	OG6909	Mutter G 3/8"	Nut G 3/8"	all types	
14	82.7036	OC5567	Wasserhahn	Water tap	all types	
15	82.7329	*	Halter Abfluss	Support drain	all types	



5	Alias	Code	Bezeichnung	Description	Ref.	Valid from Serial N°
1	82.7464	0C2496	Dichtband	Sealing Tape	all types	
2	82.1027.83		Bedienblende PC 20L/40L	Control panel PC 20L/40L	b c d	
	82.1049.70		Bedienblende PC 20LG	Control panel PC 20LG	a	
3	82.0250.01	0G7350	Türe	Door	b c d e	
	82.1071.01	0G7347	Türe	Door	a	
4	82.0233		Korpus	Corpus	b c d e	
	82.2448		Korpus	Corpus	a	
	83.4282	0G8279	Korpus UL	Corpus UL	for USA	
5	82.0239.02		Rosette Ablaufhahn Links	Cover for drain left side	all types	
	83.9298.02	0G8221	Rosette Ablaufhahn Links UL	Cover for drain left side UL	for USA	
6	82.0239.01		Rosette Ablaufhahn Rechts	Cover for drain left right	all types	
	83.9298.01	0G8280	Rosette Ablaufhahn Rechts UL	Cover for drain left right UL	for USA	
7	82.0238	0G7470	Deckel zu Korpus	Cover to corpus	all types	
8	75.5006.06	0G5515	Schraube 6KT M5x16 USPH	Hex bolt M5x16 USPH	all types	
9	1 701 2509	0K4598	Schraube 6KT M5x12	Hex bolt M5x12	all types	
10	1 701 7002	0G2923	Fächerscheibe M5	Washer M5	all types	
11	82.1140.04	0G7122	Anschlussdeckel H66/L400	Lower Panel H66/L400	a b d	
	82.1140.24	0G7469	Anschlussdeckel H166/L400	Lower Panel H166/L400	c e	
12	1 701 2579	0G4020	Schraube 6KT M5x16	Hex bolt M5x16	all types	
13	1 701 3535	0G3588	U-Scheibe Ø5.3xØ10x1	Washer Ø5.3xØ10x1	all types	
14	86.2385	0G6140	Fuss 2" 100mm	Foot 2" 100mm	c e	
15	86.0001	0G5391	Fuss 2" 200mm	Foot 2" 200mm	a b d	
16	1 701 2600	0KT919	Schraube 6KT M6x12	Hex bolt M6x12	all types	
17	1 701 5051	0G6753	Fächerscheibe M6	Washer M6	all types	
18	82.7467	0C7307	Dichtband seitlich	Side-sealing strip	all types	
19	82.0287.03		Korpus tiefgezogen	Coprus deepdrawn	all types	6491...
20	82.0350.02		Fuss M10 100mm	Foot M10 100mm	c e	7141...
21	82.0350.01		Fuss M10 200mm	Foot M10 200mm	a b d	7141...
22	1 117 1252	0G2374	Gashahn 1/2"	Gas valve 1/2"	H800	
23	1 117 1286	0G6454	Gasschlauch	Gas hose	H800	
24	1 101 2162	0G6161	Einschraubwinkel 1/2"	Angle pipe fitting 1/2"	H800	
25	1 116 1233	0G8474	Muffennippel Reduziert 3/4" - 1/2"	Muff nipple reduced 3/4" - 1/2"	H800	
26	1 102 2397	0G3621	Verlängerung GF 526 1/2"-100	Extension GF 1/2"-100	H800	

# Nozzle list / Düsentabelle

# thermaline 80 / 85 / 90

Appliance:

Factory Model

Range:

Doc N°

Gas Pasta Cooker 20 L

11.5 kW  
Town gas: max. 9.5kW / min. 3kW

MBKDxxxPM/Wx / MCKDxxxPM/Wx 850 / 900

82.8021.04

Town Gas	GAS TYPE	COUNTRY	NOMINAL PRESS.	GAS TYPE	CATEGORIES	Pressure Regulator ±1%	Nozzle C main burner (Abb. 2)			Small adjusting nozzle			Nozzle F ignition burner (Abb. 3)			Aeration adj. PILOT BURNER X (mm)	Aeration adj. MAIN BURNER D (mm) (Abb. 1)	Gas Consum.	Gas consumption L/min 956.5 mbar Baro / 20°C Sursee Allmendstrasse			
							Type	mm	Alias N°	Spare Part N°	mm	Alias N°	Spare Part N°	N°	Alias N° / Item				Spare Part N°	Min.	Max.	
Natural Gas	1	G 110	DK, SE	8	G110	1a	5.80	72.7803.58	-	Adjust	unscrew 2 turn	-	45 (2 holes)	82.4664	054038	-	34	2.97 m³/h	39.81	41.91	44.00	
	2	G 120	SE	8	G120	1b	5.00	72.7803.50	-	Adjust	unscrew 2 turn	-	45 (2 holes)	82.4664	054038	-	34	2.64 m³/h	35.56	37.43	39.31	
	3	Natural Gas H	HU	25	G20	2H	-	2.30	72.7803.30	002865	1.40	712.345064.43	003182	25 (2 holes)	1.106.1234	0G3771	-	34	1.22 m³/h	19.60	20.64	21.67
								2.60	72.7803.25	002268	1.40	712.345064.43	003182	25 (2 holes)	1.106.1234	0G3771	-	35	1.41 m³/h	22.69	23.88	25.08
	4	Natural Gas H	AT, CH, DK, EE, ES, FI, GB, GR, IE, IT, LV, NO, PT, SE, SI, SK, BG, CZ, HR, LT, RO, TR, CZ	20	G20	2H	-	2.45	72.7803.04	002267	1.40	712.345064.43	003182	25 (2 holes)	1.106.1234	0G3771	-	34	1.22 m³/h	19.60	20.64	21.67
								2.45	72.7803.04	002267	1.40	712.345064.43	003182	25 (2 holes)	1.106.1234	0G3771	-	34	1.22 m³/h	19.60	20.64	21.67
	Liquid Gas	6	Natural Gas E	DE, LU, PL	20	G20	2E	2.45	72.7803.04	002267	1.40	712.345064.43	003182	25 (2 holes)	1.106.1234	0G3771	-	34	1.22 m³/h	19.60	20.64	21.67
		7	Natural Gas H/L Pressure Couple	BE, FR	20/25	G20	2E+	2.45	72.7803.04	002267	1.40	712.345064.43	003182	25 (2 holes)	1.106.1234	0G3771	-	34	1.22 m³/h	19.60	20.64	21.67
		8	Natural Gas L	NL	25	G25	2L	2.60	72.7803.25	002268	1.40	712.345064.43	003182	25 (2 holes)	1.106.1234	0G3771	-	35	1.41 m³/h	22.69	23.88	25.08
		9	Natural Gas LL	DE	20	G25	2LL	2.75	72.7803.31	003371	1.40	712.345064.43	003182	25 (2 holes)	1.106.1234	0G3771	-	35	1.41 m³/h	22.80	24.00	25.20
10		Propan	CH, DE, FR, HU, NL	50	G31	3P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Butan/Propan Pressure Couple	11	Butan/Propan	PL	37	G30/31	3B/P	1.55	72.7803.09	003722	0.85	712.345064.26	0G4163	24 (1 hole)	1.106.1235	0G3772	-	34	0.90 Kg/h	5.65	5.95	6.24	
	12	Butan/Propan	CZ, CY, DK, EE, FI, HU, LV, LT, MT, NL, NO, SE, SI, SK, BG, HR, IS, RO, TR	30	G30/31	3B/P	1.60	72.7803.22	002905	0.85	712.345064.26	0G4163	24 (1 hole)	1.106.1235	0G3772	-	34	0.90 Kg/h	5.69	5.99	6.29	
	13	Butan/Propan	AT, CH, DE	50	G30/31	3B/P	1.40	72.7803.24	004488	0.75	712.345064.22	0K127	24 (1 hole)	1.106.1235	0G3772	-	35	0.90 Kg/h	5.58	5.87	6.17	
	14	Butan/Propan	BE, CH, ES, FR, GB, GR, IE, IT, PT, LT, SI, CZ, EE, LV, SK	28-30 / 37	G30/31	3+	1.60	72.7803.22	002905	0.85	712.345064.26	0G4163	24 (1 hole)	1.106.1235	0G3772	-	34	0.90 Kg/h	5.69	5.99	6.29	
	15	Butan/Propan	BE, CH, ES, FR, GB, GR, IE, IT, PT, LT, SI, CZ, EE, LV, SK	28-30 / 37	G30/31	3+	1.60	72.7803.22	002905	0.85	712.345064.26	0G4163	24 (1 hole)	1.106.1235	0G3772	-	34	0.90 Kg/h	5.69	5.99	6.29	

Abb. 1

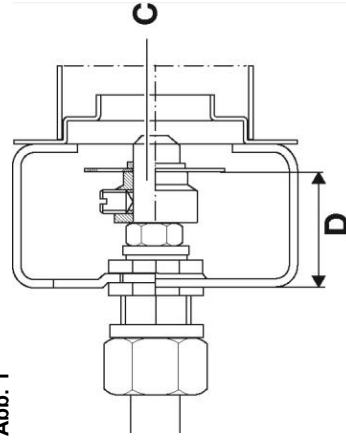


Abb. 2

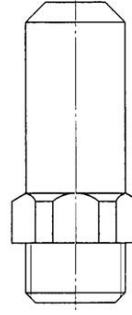
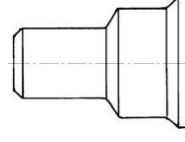
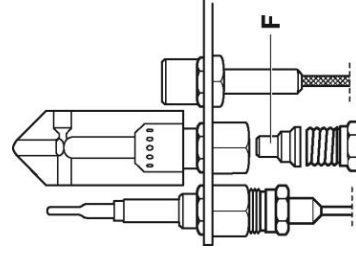


Abb. 3



Abb. 4



# Nozzle list / Düsentabelle

# thermaline 80 / 85 / 90

Appliance:

Nominal heat input:

**16.5 kW**

Town gas: max. 10kW / min. 3kW

Factory Model

**MCKFXXXPM/WX**

Range:

**900**

Doc N°

**82.8021.04**

Town Gas	GAS TYPE	COUNTRY	NOMINAL PRESS.	GAS TYPE <b>Testigas</b>	CATEGORY	Pressure Regulator ±1%	Nozzle C main burner (Abb. 2)			Small adjusting nozzle			Nozzle F ignition burner (Abb. 3)			Aeration adj. PILOT BURNER X (mm)	Aeration adj. MAIN BURNER D (mm) (Abb. 1)	Gas Consum.	Gas consumption L/min 956.5 mbar Baro / 20°C <b>Sursee Alimentstrasse</b>	
							Type	mm	Alias N°	Spare Part N°	mm	Alias N°	Spare Part N°	N°	Alias N°				Spare Part N°	Min.
1	G 110	DK, SE	8	G110	1a		6.80	72.7803.68		Adjust unscrew 2 turn	45 (2 holes)	82.4664	054038	-	32	3.36 m³/h	41.91	44.11	46.32	
																				2
3	G 20	HU	25	G20	2H		2.90	72.7803.32	006419	1.80	712 345064.36	0G4112	1.106 1234	0G3771	30	1.75 m³/h	28.13	29.61	31.09	
																				4
5	Natural Gas H	AT, CH, DK, EE, ES, FI, GB, GR, IE, IT, LV, NO, PT, SE, SI, SK, BG, CZ, HR, LT, RO, TR, CZ	20	G20	2H		3.10	72.7803.33	054632	1.80	712 345064.36	0G4112	1.106 1234	0G3771	30	1.75 m³/h	28.13	29.61	31.09	
																				6
7	Natural Gas H/L Pressure Couple	BE, FR	20/25	G20	2E+		3.10	72.7803.33	054632	1.80	712 345064.36	0G4112	1.106 1234	0G3771	30	1.75 m³/h	28.13	29.61	31.09	
																				8
9	Natural Gas L	NL	25	G25	2L		3.55	72.7803.36	003987	1.80	712 345064.36	0G4112	1.106 1234	0G3771	30	2.03 m³/h	32.71	34.44	36.16	
																				10
11	Propan	CH, DE, FR, HU, NL	50	G31	3P		1.85	72.7803.23	0C0509	0.80	712 345064.40	056743	1.106 1235	0G3772	26	1.29 Kg/h	8.11	8.53	8.96	
																				12
13	Butan/Propan Pressure Couple	BE, CH, ES, FR, GB, GR, IE, IT, PT, LT, SI, CZ, EE, LV, SK	28-30/37	G30/31	3B/P		1.70	72.7803.26	054083	0.80	712 345064.40	056743	1.106 1235	0G3772	26	1.29 Kg/h	8.00	8.42	8.85	
																				14

Abb. 1

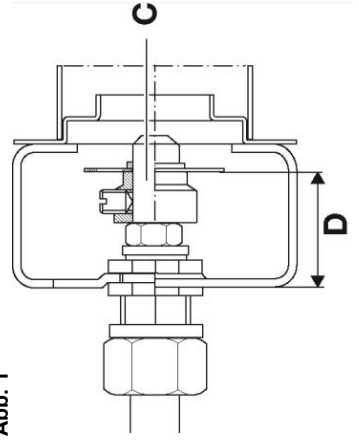


Abb. 2

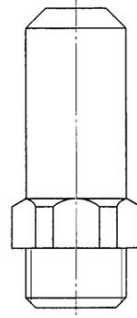


Abb. 3

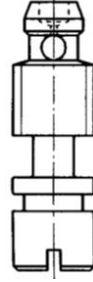


Abb. 4

