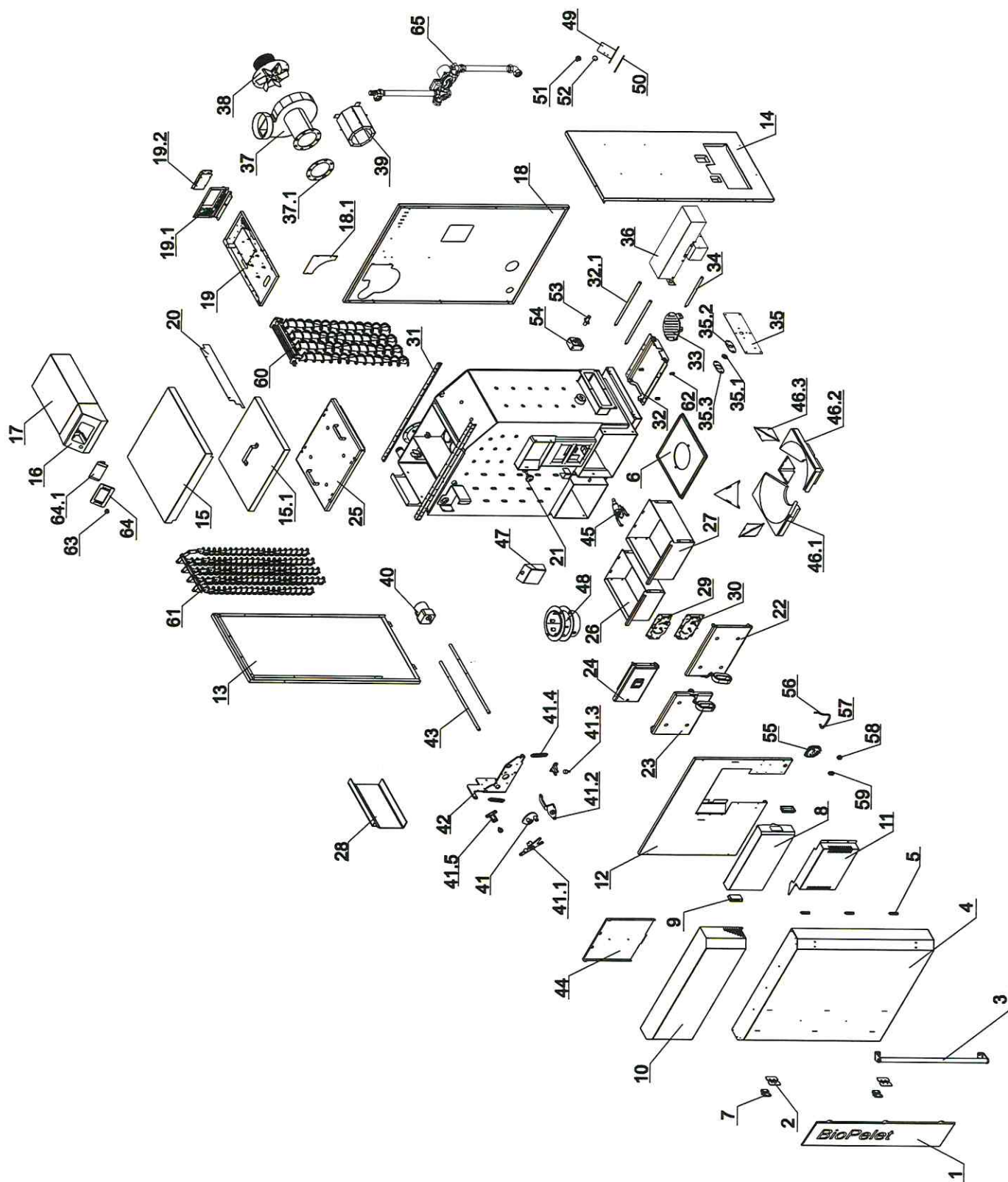




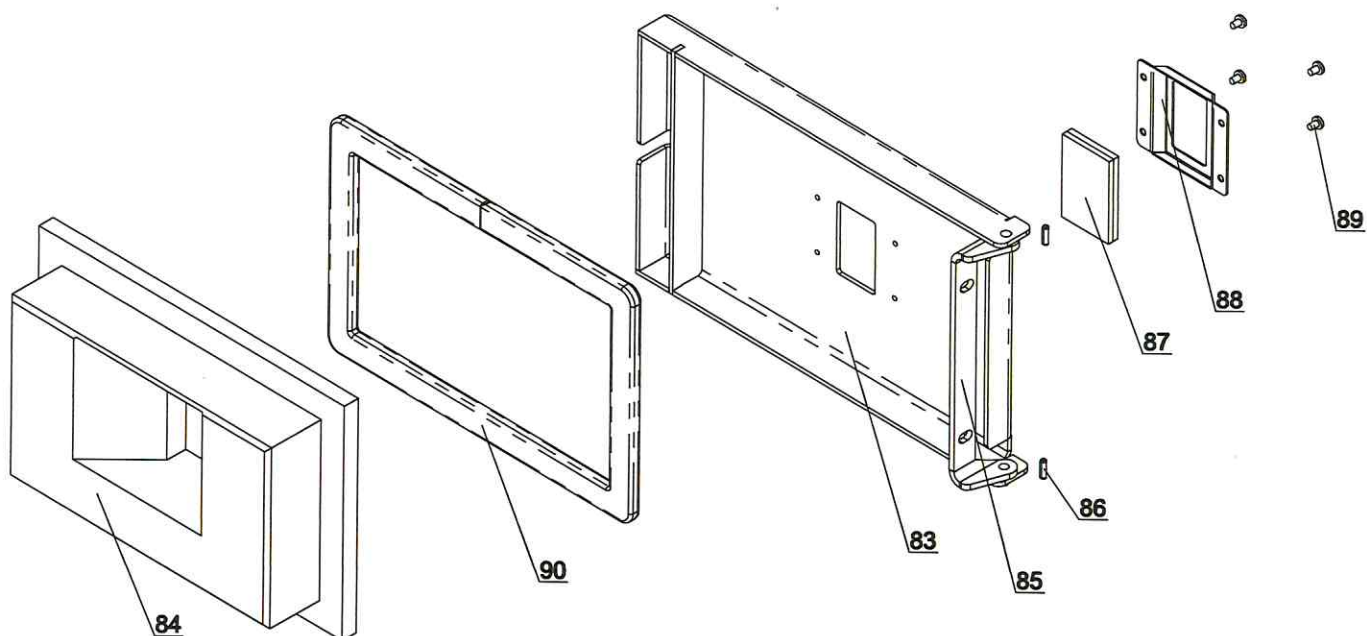
DISPOSITIONAL (EXPANDED) VIEW OF THE BOILER WITH SPARE PARTS LIST

PEL TEC 48
BioPelet / BioPelet-lambda 48

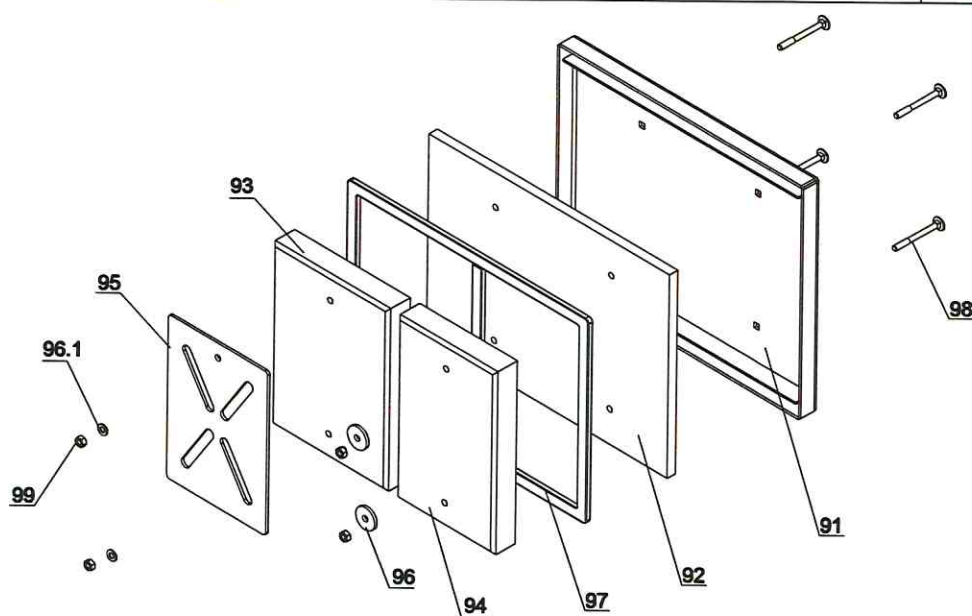


BioPelet / Biopellet-lambda 48 - SPARE PARTS LIST

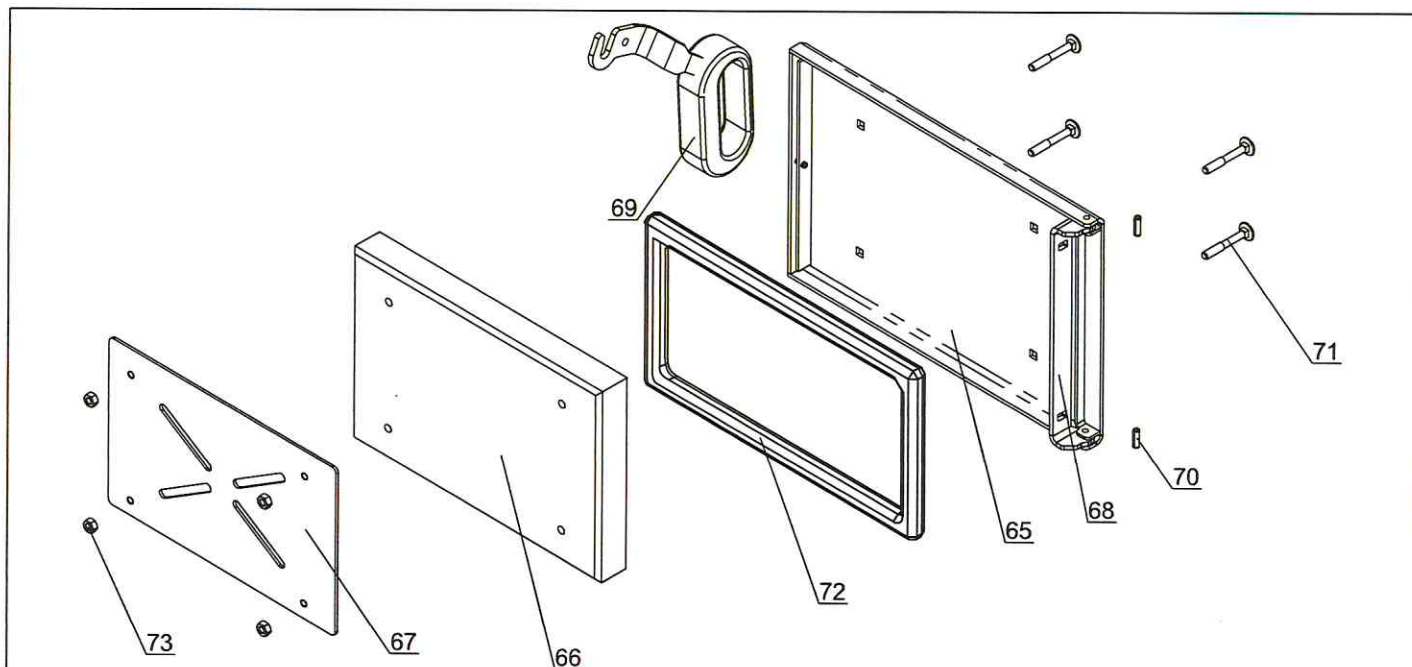
Position	Position name	Code
1	Decorative lid of the cover doors	47457
2	Hinge reinforcement	25842
3	Handle door cover	26370
4	Cover door	47075
5	Magnet of the door cover	17957
6	Plate over burner	25818
7	Door cover hinge	25873
8	Protection of the front boiler door	25049
9	Handle for the protection of the front boiler door	19310
10	Front upper cover	47057
11	Protection of the mechanism for primary and secondary air	25050
12	Front cover	25306
13	Lateral cover - left	47074
14	Lateral cover - right	47073
15	Upper cover	47058
15.1	Stone wool carrier	34908
16	SET - regulation box	47031
17	Regulation box cover	47061
18	Rear cover	25053
18.1	Lambda probe cover	34894
19	Holder of the regulation unit	30079
19.1	PC board holder	30036
19.2	Protection of the PC board	25856
20	Protection of the regulation unit	24853
21	Plastic nut M10	25348
22	SET - lower right boiler door	24780
23	SET - lower left boiler door	24779
24	SET - front boiler door	24777
25	SET - upper boiler door	24776
26	Flue gas channel ashtray	24815
27	Combustion chamber ashtray	24814
28	Dry sheet metal of the flue gas channel	23381
29	Primary air regulation	29671
30	Secondary air regulation	29670
31	Cover connection sheet metal	24844
32	SET - burner grill holder	29626
32.1	Slide for the burner grill holder	25322
33	Burner grill	30115
34	Axle of the burner grill holder	25324
35	Flinge of the mechanism for cleaning of the grill	36387
35.1	Floating tile holder 2	34746
35.2	Floating tile	34744
35.3	Floating tile holder 1	34745
36	SET - mechanism for cleaning of the grill (see page 4)	
37	Flue gas fan box	26377
37.1	Gasket for the flue gas fan box	29775
38	Flue gas fan	23021
39	Protection of the flue gas fan	35006
40	Motor with the gearbox for cleaning of the flue gases	17784
41	Eccentric for cleaning of the flue gases	35787
41.1	Lever for shaking of turbolator - 2nd pass	35794
41.2	Lever for shaking of turbolator - 1st pass	35799
41.3	Bolt with rubber M6x20	33848
41.4	Pull spring	34987
41.5	Rubber carrier for turbolator shaking	35805
42	Porter of the motor for the cleaning of the flue gas channels	35807
43	Axle of the mechanism for cleaning the flue gas channel 3rd passage	28557
44	Ashtray cover	30535
45	SET - electric heater with porter and clamp (see page 4)	
46.1	Refractory stone - left	29912
46.2	Refractory stone - right	29913
46.3	Refractory stone holder	30375
47	Pellet converter	30134
48	Burner combustion chamber	26455
49	Pellet feeding tube	29769
50	Gasket of the pellet feeding tube	26195
51	Bimetal sensor	12288
52	Bimetal sensor tab	25905
53	Photocell	13782
54	Protection of the photocell	29770
55	Pressure switch	27368
56	Pressure switch PVC tube	13497
57	Pressure switch silicone tube	13498
58	Rubber grommet	19648
59	Terminal block	19623
60	SET - Turbolators from the 2nd flue gases passage (see page 5)	
61	SET - Turbolators from the 3rd flue gases passage (see page 5)	
62	Pressure spring of the porter grill	35088
63	Main switch	11324
64	Plastic frame of control unit	25811
64.1	Control unit	23028
65	SET - pump group (see page 6)	37515
65	SET - pump group with HE pump	37516
	Casing cover BioPelet 48 - SET	36158



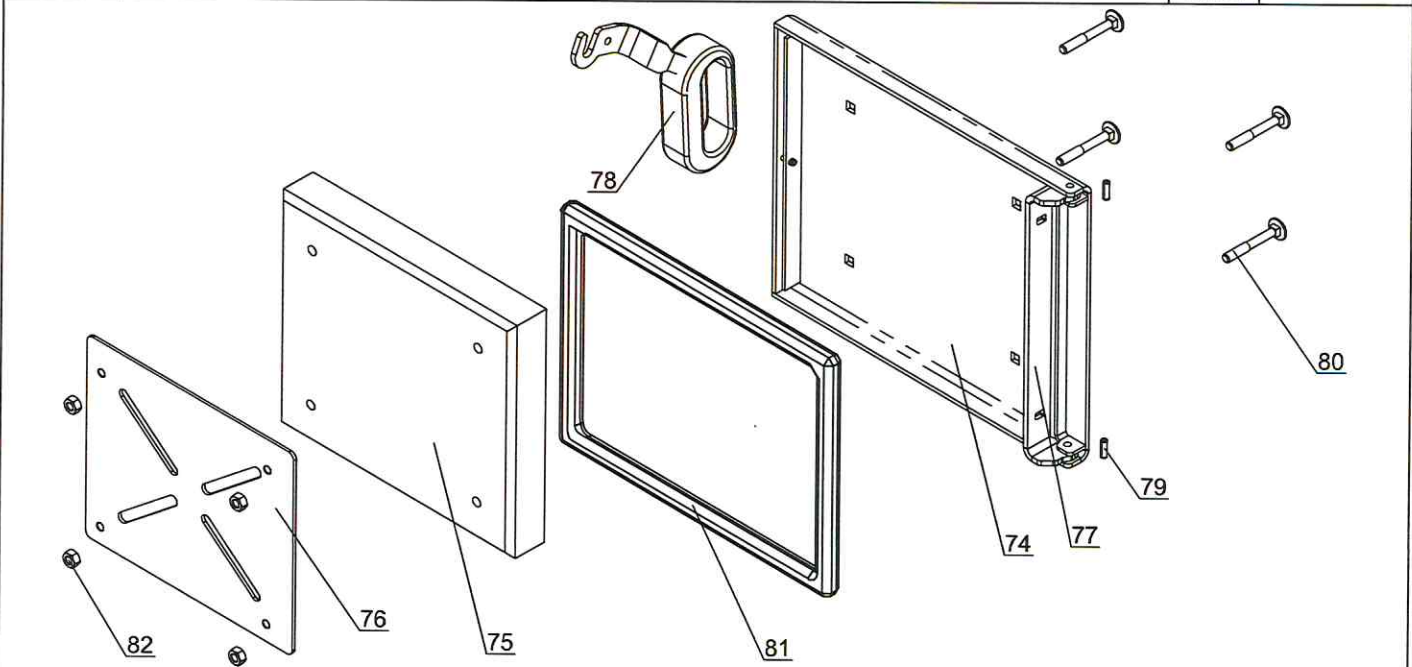
Position	Position name	Code	
24	SET - front boiler door	24777	
83	Base of the front door	23400	
84	Refractory stone of the front door	23017	
85	Hinge of the lower right door	23152	
86	Elastic pin diameter 6x20 mm	18759	
87	Glass of the front door	22992	
88	Porter of the front door glass	23151	
89	Nut M4x6 mm	14443	
90	Glass braid front door	26444	



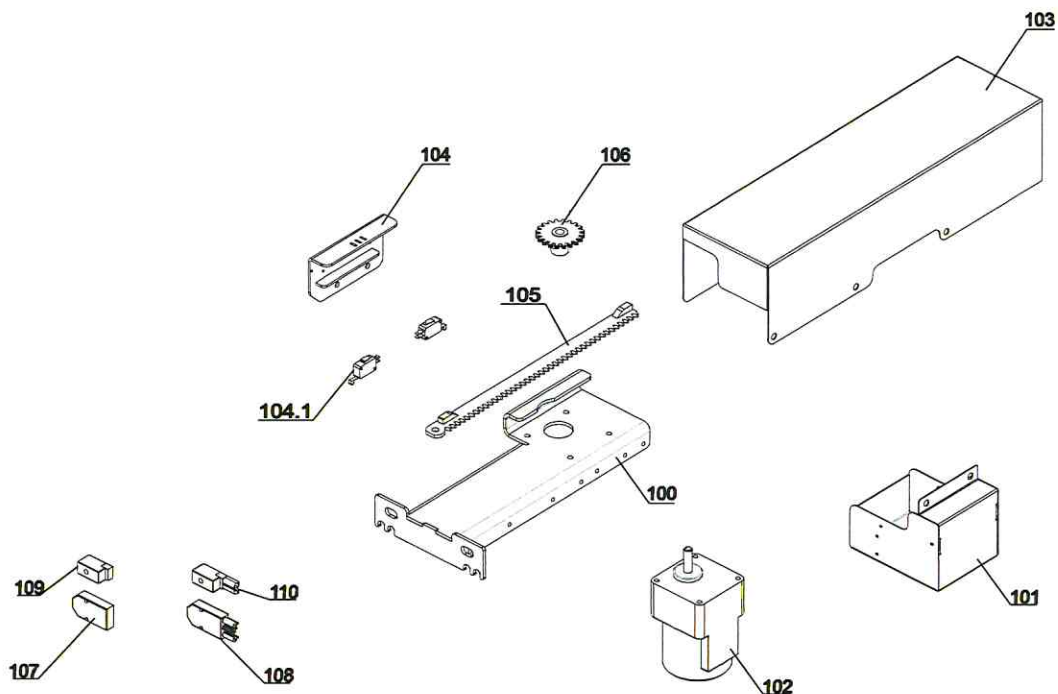
Position	Position name	Code	
25	SET - Upper door	24776	
91	Base of the upper door	33689	
92	Refractory stone of the upper door	25392	
92	Left refractory stone of the upper door	25232	
94	Right refractory stone of the upper door	25231	
95	Protection of the refractory stone for the upper door	23480	
96	Metal washer for refractory stone	30612	
96.1	Metal washer M8	13267	
97	Glass braid upper door	26429	
98	Screw torban M8x80 mm	15646	
99	Nut M8	13134	



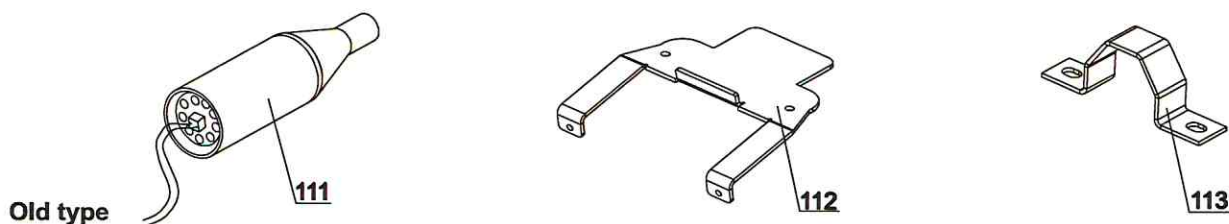
Position	Position name	Code
22	SET - lower right door	24780
65	Base of the lower right door	23369
66	Refractory stone of the lower right door	25247
67	Refractory stone protection of the lower right door	26451
68	Hinge of the lower right door	23158
69	Handle of the lower right door	15291
70	Elastic pin diameter 6x20 mm	18759
71	Screw torban M8x60 mm	15289
72	Glass braid right door 20x8 mm (€/m)	26450
73	Nut M8	13134



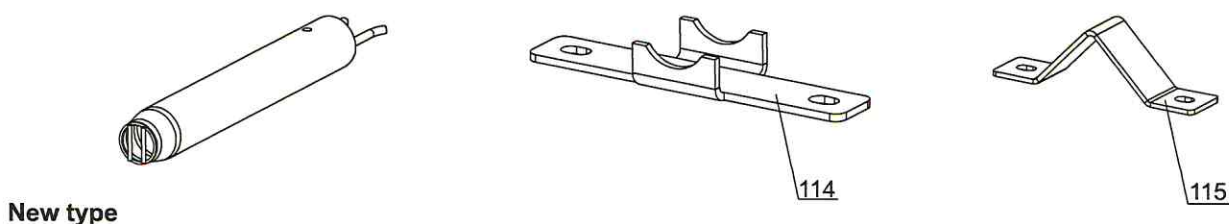
Position	Position name	Code
23	SET - lower left door	24779
74	Base of the lower left door	23155
75	Refractory stone of the lower left door	23020
76	Refractory stone protection of the lower left door	23157
77	Hinge of the lower left door	23158
78	Handle of the lower left door	15291
79	Elastic pin diameter 6x20 mm	18759
80	Screw torban M8x60 mm	15289
81	Glass braid left door 20x8 mm (€/m)	26448
82	Nut M8	13134



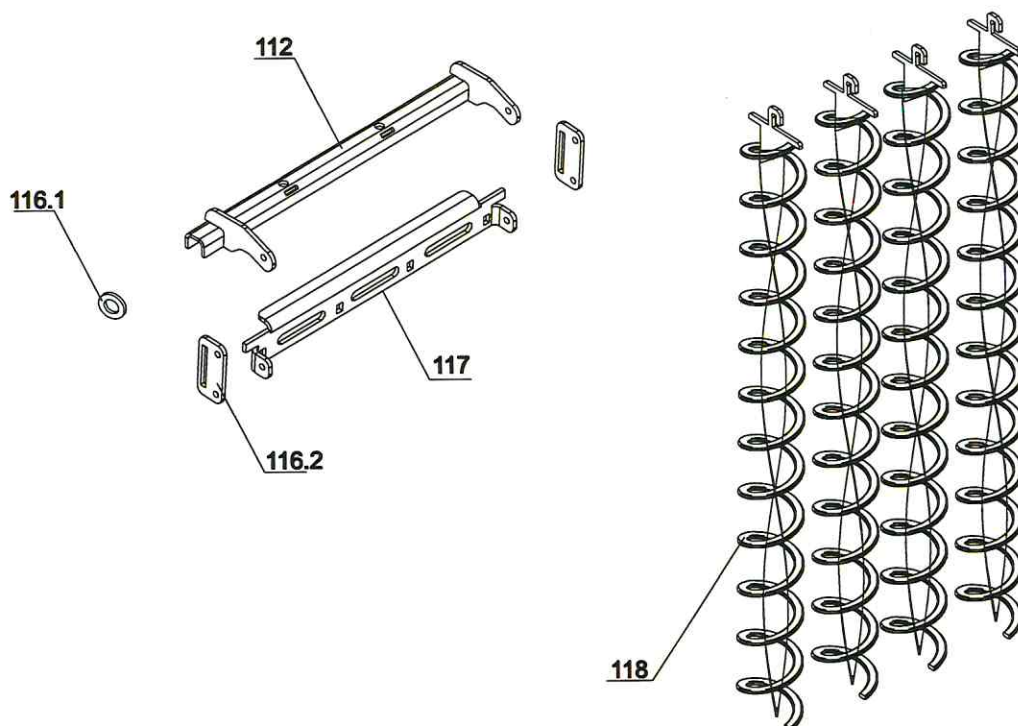
Position	Position name	Code
35	SET - burner grill cleaning mechanism	
100	Motor port for cleaning of the grill	35146
101	Protection of the SMS motor	36402
102	SMS motor for cleaning of the grill	35231
103	Protection of the burner grill cleaning mechanism	35145
104	Microswitch port	35149
104.1	Microswitch	11325
105	Rack gear	36388
106	Bush with gear wheel	36406
107	3 - pole (female) connector (white)	25916
108	3 - pole (male) connector (white)	25915
109	2 - pole (female) connector (black/brown)	16129
110	2 - pole (male) connector (black/brown)	16130



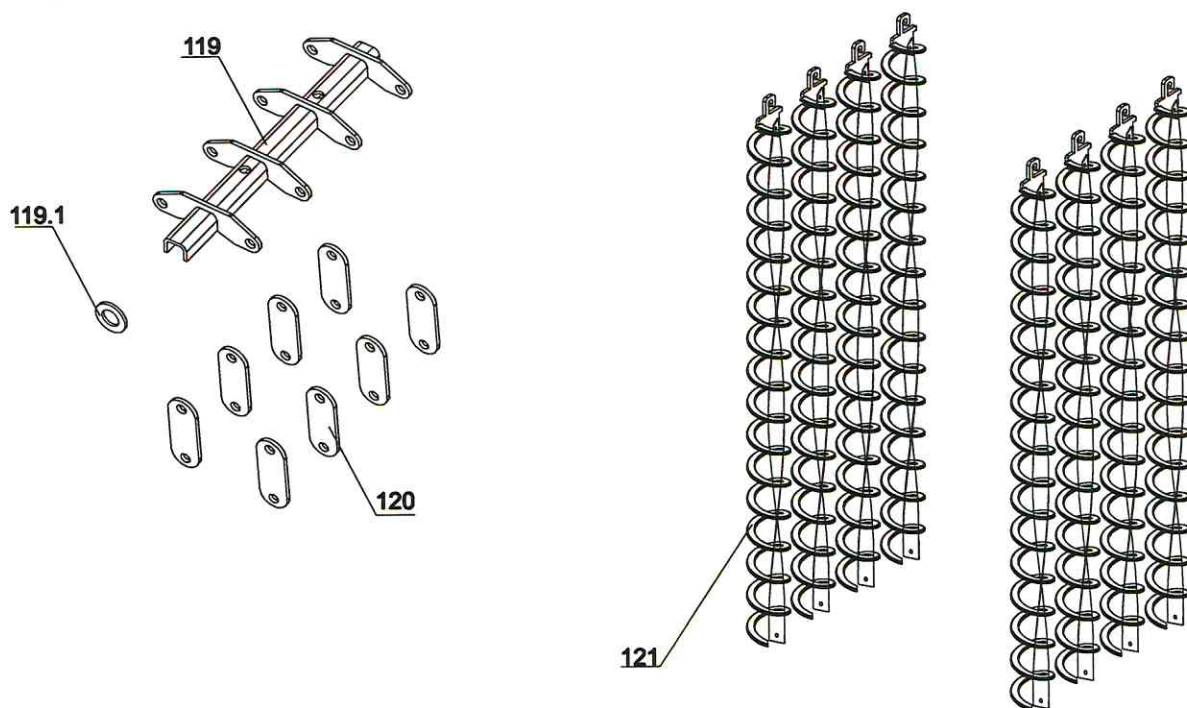
Position	Position name	Code
43	SET - electric heater	
111	Electric heater	27437
112	Electric heater port	23173
113	Electric heater clamp	23174



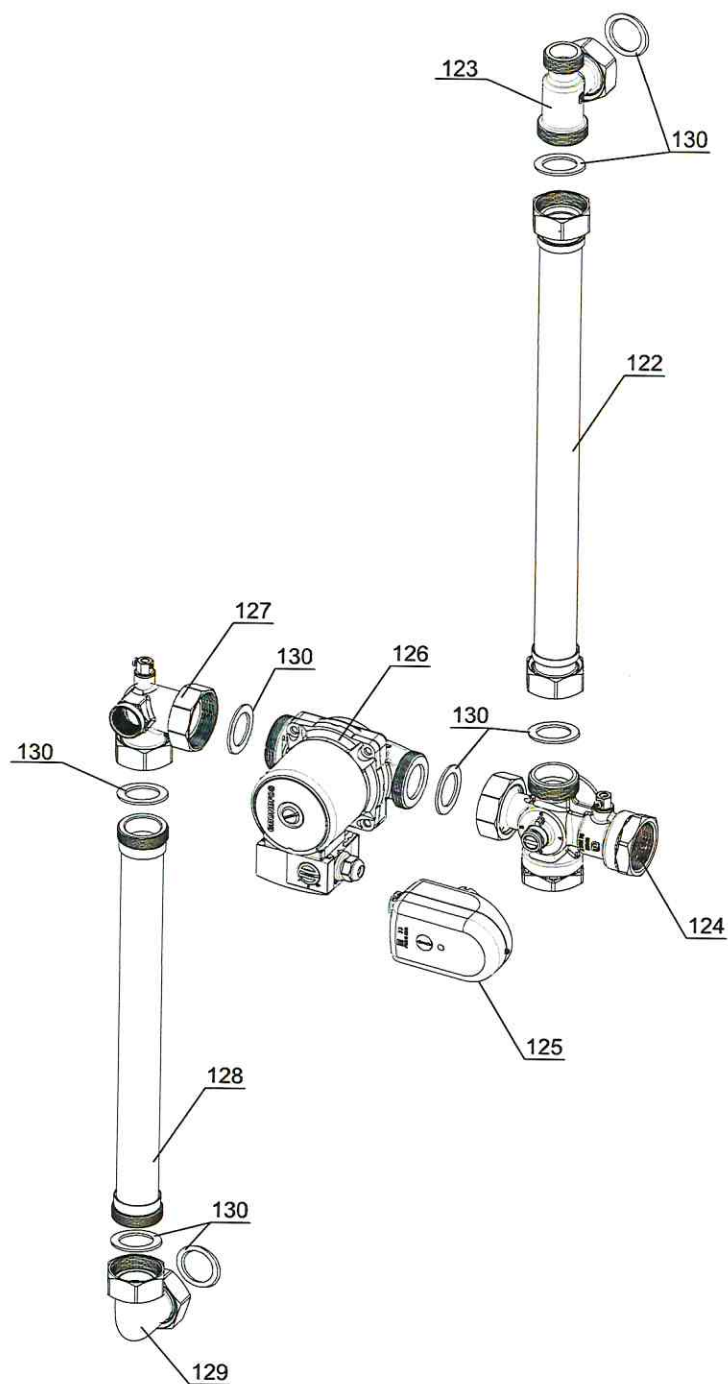
Position	Position name	Code
44	SET - electric heater 300W FKK.PSx-2-240-B (delivered with base and clamp)	46527
114	Ceramic electric heater base	31414
115	Electric heater clamp	31413



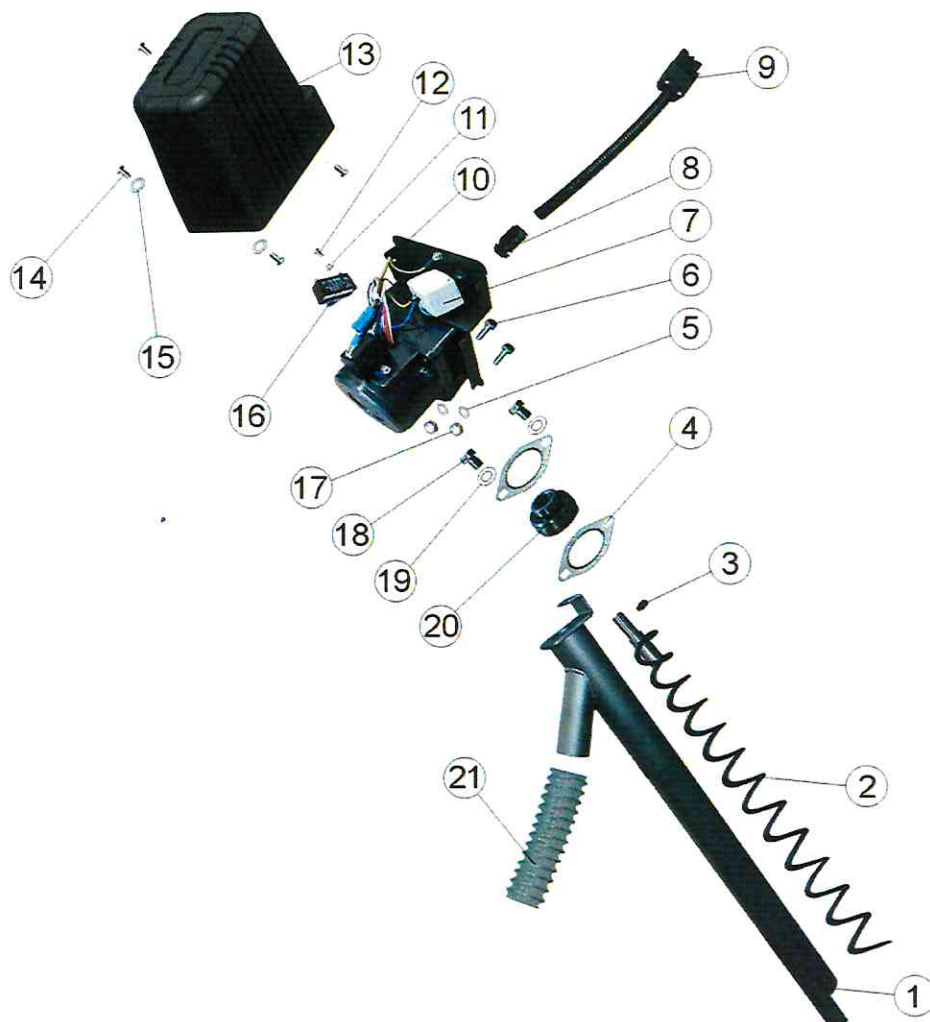
Position	Position name	Code
60	SET - Turbolators from the 2nd flue gases passage	
116	Carrier of the frame turbolators from the 2nd flue gases passage	35902
116.1	Metal washer M16	13282
116.2	Lever of the turbolators carrier	35733
117	Frame of carrier of turbolators	35899
118	Turbulator from the 2nd flue gases passage	26555



Position	Position name	Code
61	SET - Turbolators from the 3rd flue gases passage	
119	Axle of the turbolators from the 3rd flue gases passage	28558
119.1	Metal washer M16	13282
120	Porter of the turbolators from the 3rd flue gases passage	23196
121	Turbulator from the 3rd flue gases passage	24826

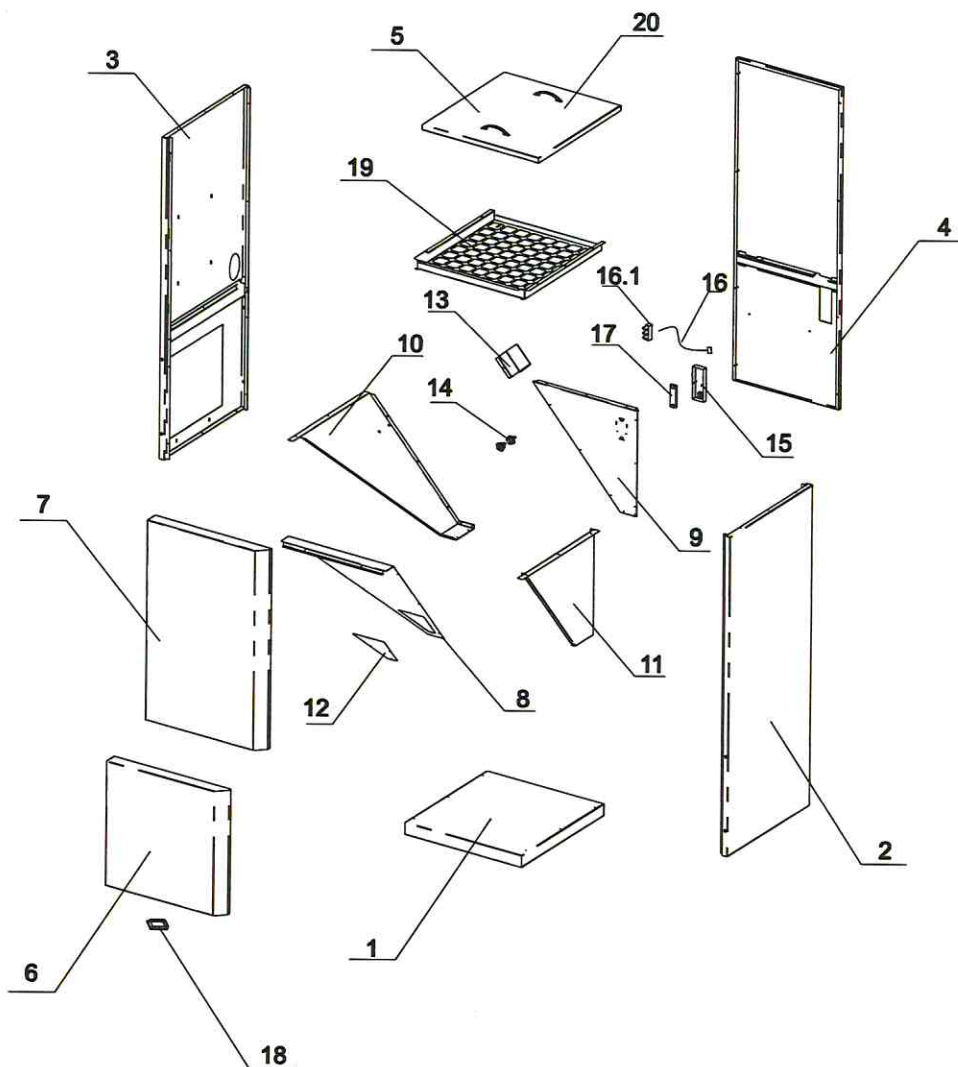


Position	Position name	Code	
65	SET - Pump group	37515	
65	SET - Pump group with HE pump	37516	
122	Connecting pipe	37430	
123	T - piece - flow	37431	
124	3 - way mixing valve	37432	
125	Motor actuator	37433	
126	Circulation pump Grundfos UPM3 HYBRID 25-70, L=130	37726	
	Connection cable UPM3 HYBRID 25-70 L=750 mm	42751	
126	HE pump - Grundfos UPM3 Flex 25-70	37726	
126	Pump - Grundfos UPS0 25-65	37724	
127	Angled T - piece - return flow	37434	
128	Lower pipe	37514	
129	Lower elbow	37519	
130	Seal 3/4" (39x26)	37480	



RAL 9005

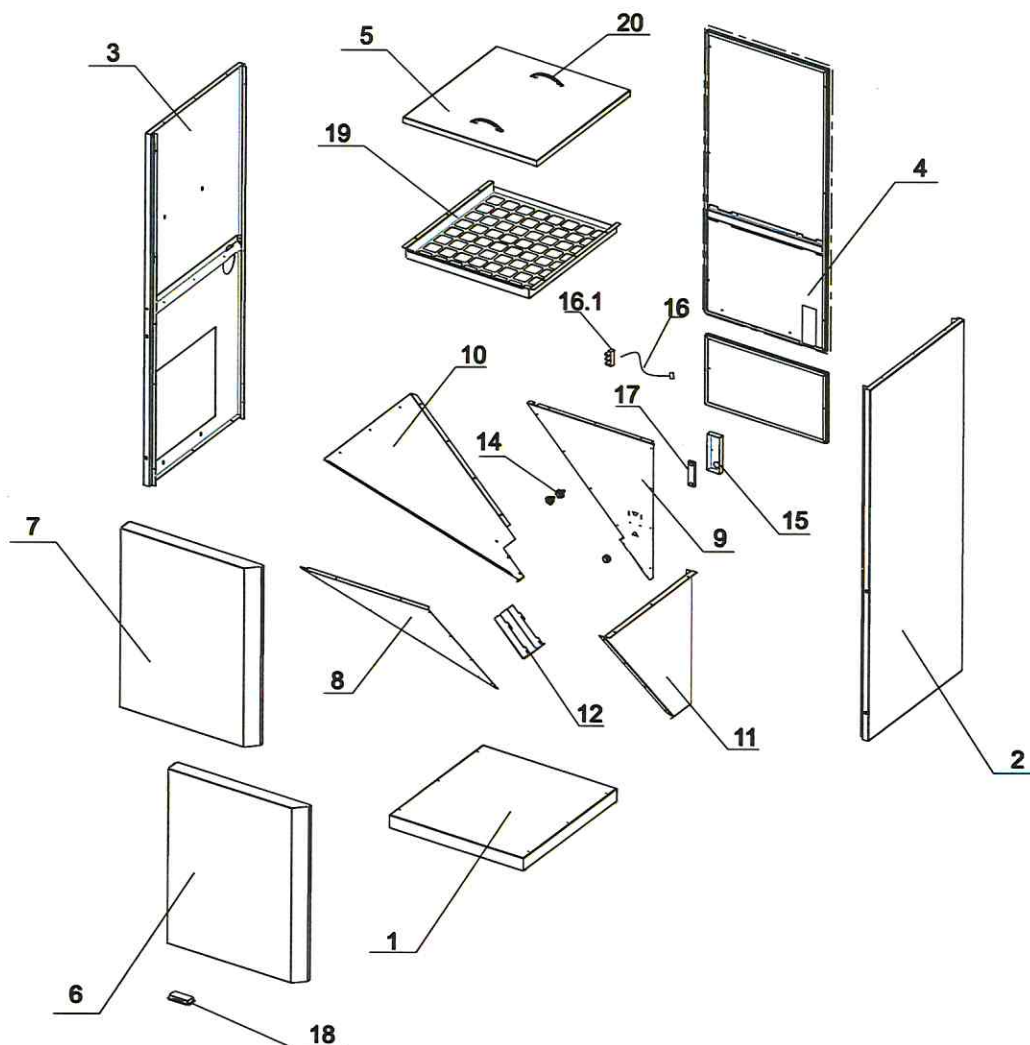
Position	Position name	Code	
1	Screw feeder tube	25252	
2	Feeder screw coil with axle	25634	
3	Set screw M6x10 DIN 7380-allen	13962	
4	Bearing housing	18413	
5	Washer M6 DIN 6798-toothed	10827	
6	Screw M6x16 DIN 933	13120	
7	Ferrite in housing	14721	
8	Cable inlet PG 9	19367	
9	Input cord with 3-pole socket	29922	
10	Motor with gearbox	17784	
11	Washer M3 DIN 125A	14986	
12	Screw M3x10 DIN 7985	15898	
13	PVC cover for motor with gearbox - RAL 9005	19584	
14	Tapping screw 3,9x9,5 DIN 7981	13115	
15	Washer M4 DIN 6798-toothed	14130	
16	Condenser for motor with gearbox	12904	
17	Nut M6 DIN 934	18877	
18	Screw M8x10 DIN 933	13521	
19	Washer M8 DIN 125A	13267	
20	Bearing	18412	
21	Plastic flexible tube for pellet feeding	29784	



Old type

RAL 5018

Position	Position name	Code	
0	SET - Pellet container	36005	
1	Tank foundation	(RAL 5018) 33610	
2	Lateral right side	(RAL 5018) 23060	
3	Lateral left side	(RAL 5018) 23061	
4	Back side	23394	
5	Pellet tank cover	(RAL 5018) 26492	
6	Front lower side	(RAL 5018) 23057	
7	Front upper side	(RAL 5018) 23056	
8	Front outer side	23067	
9	Back outer side	23066	
10	Inner left side	23064	
11	Inner right side	23065	
12	Cover for tank draining	23070	
13	Feeder clamp	23069	
14	Plastic screw M8x15	13132	
15	Sensor cover	25697	
16	Cable of the pellet level sensor	29786	
16.1	3 - pole socket	29905	
17	Pellet level sensor	26199	
18	Plastic handle for lower door	19310	
19	Protection for pellet tank	23068	
20	Handle	19320	
21	Set - SCREWS	29787	



07/2017 - New type

RAL 5018

Position	Position name	Code	
0	SET - Pellet container CPSP	23072	
1	Tank foundation (RAL 5018)	46984	
2	Lateral right side (RAL 5018)	46985	
3	Lateral left side (RAL 5018)	46987	
4	Back side	23394	
5	Pelet tank cover (RAL 5018)	46988	
6	Lower door (RAL 5018)	46989	
7	Front outer side (RAL 5018)	46986	
8	Front inner side	23067	
9	Back inner side	23066	
10	Side inner left side	23064	
11	Side inner right side	23065	
12	Transporter carrier	50018	
13	Plastic screw M8x15	13132	
14	Protection of the sensor	25697	
15	Cable of the pellet level sensor	29786	
16	3-pole socket	29905	
16.1	Sensor for level of pellets	26199	
17	Plastic handle for lower door	19310	
18	Protection for pellet tank	23068	
19	Handle	19320	
20	Set-screws	29787	

