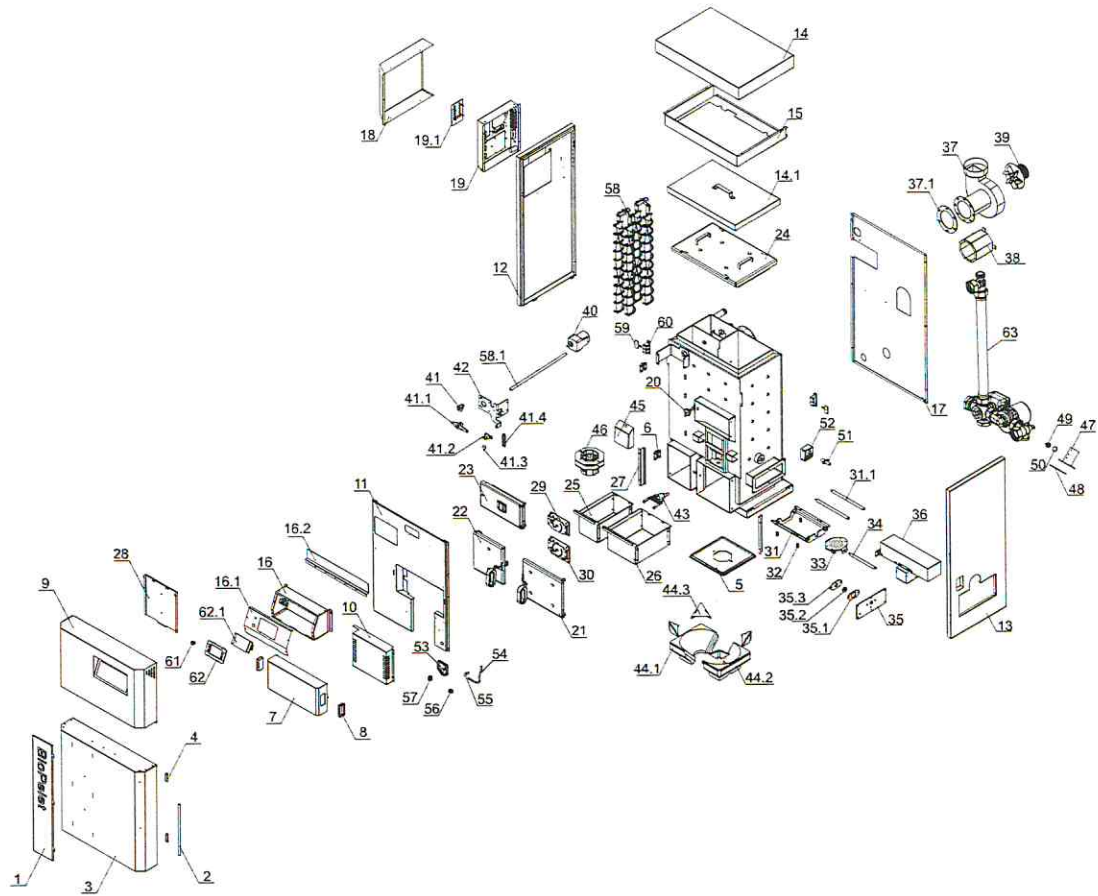


**DISPOSITIONAL (EXPANDED) VIEW OF
THE BOILER BioPelet 18 WITH SPARE PARTS LIST**

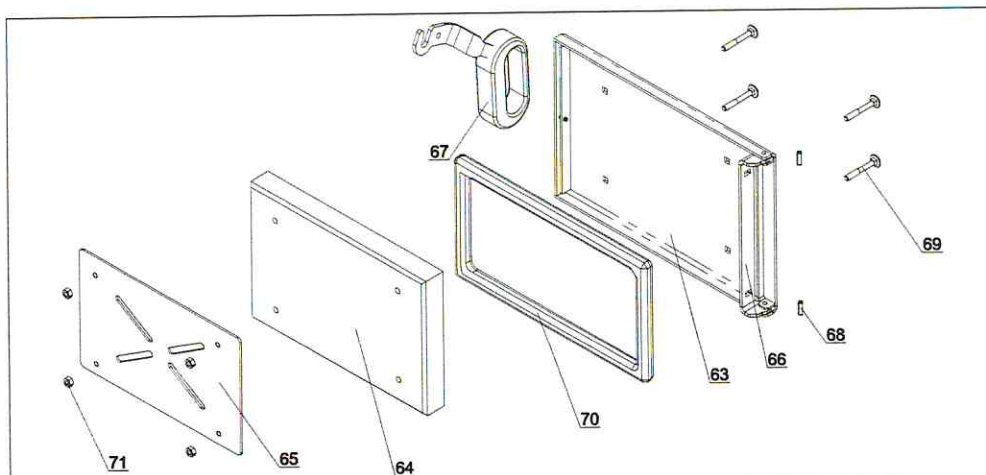
PEL TEC 18

BioPelet / BioPelet-lambda 18

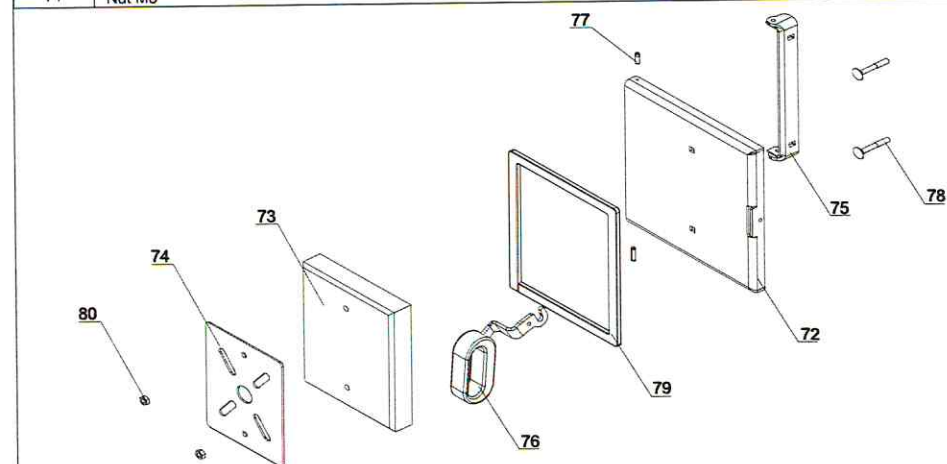


BioPelet / BioPelet-lambda 18 - SPARE PARTS LIST

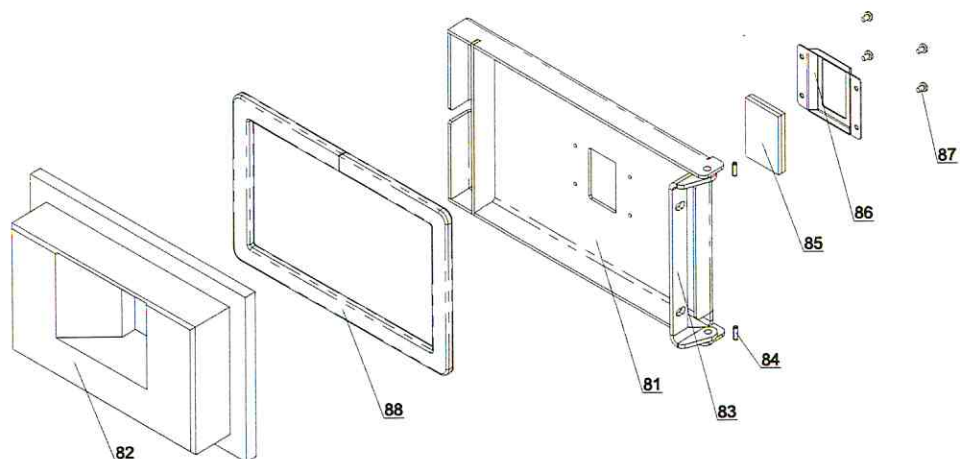
Position	Position name	Code
1	Decorative lid of the cover doors	RAL 9005 41448
2	Handle door cover	20794
3	Cover door	RAL 5018 47019
4	Magnet of the door cover	17957
5	Plate over burner	25678
6	Door cover hinge	25873
7	Protection of the front boiler door	25643
8	Handle for the protection of the front boiler door	19310
9	Front upper cover	RAL 9005 47014
10	Protection of the mechanism for primary and secondary air	25212
11	Front cover	24982
12	Lateral cover - left	RAL 5018 47012
13	Lateral cover - right	RAL 5018 47013
14	Upper cover	RAL 5018 47015
14.1	Stone wool carrier	34937
15	Upper protection	25210
16	SET - regulation box	26536
16.1	Regulation box cover	RAL 9005 46998
16.2	Cable isolation front	25200
17	Rear cover	25203
18	Regulation protection	RAL 5018 46994
19	Holder of the regulation unit	25519
19.1	Protection of the PC board	25518
20	Plastic nut M10	25348
21	SET - lower right boiler door	25670
22	SET - lower left boiler door	25565
23	SET - front boiler door	24900
24	SET - upper boiler door	24902
25	Flue gas channel ashtray	25957
26	Combustion chamber ashtray	23082
27	Isolation front lower	25253
28	Ashtray cover	29620
29	Primary air regulation	26464
30	Secondary air regulation	26465
31	SET - burner grill holder	25692
31.1	Slide for the burner grill holder	23520
32	Pressure spring of the porter for burner grill	35088
33	Burner grill	30080
34	Axle of the burner grill holder	23521
35	Flinge of the mechanism for cleaning of the grill	35144
35.1	Floating tile holder 1	34745
35.2	Floating tile	34744
35.3	Floating tile holder 2	34746
36	SET - mechanism for cleaning of the grill (see page 4)	
37	Flue gas fan box	26376
37.1	Gasket for the flue gas fan box	29775
38	Protection of the flue gas fan	35003
39	Flue gas fan	23003
40	Motor with the gearbox for cleaning of the flue gases	17784
41	Eccentric for cleaning of the flue gases	29776
41.1	Lever for shaking of turbolator	35994
41.2	Holder for turbolator shaking rubber	35805
41.3	Bolt with rubber M6x20	33848
41.4	Pull spring	34987
42	Porter of the motor for the cleaning of the flue gas channels	25595
43	SET - electric heater with porter and clamp (see page 4)	
44.1	Refractory stone - left	29911
44.2	Refractory stone - right	29908
44.3	Refractory stone holder	30376
45	Pellet converter	30134
46	Burner combustion chamber	25675
47	Pellet feeding tube	29769
48	Gasket of the pellet feeding tube	26195
49	Bimetal sensor	12288
50	Bimetal sensor tab	25905
51	Photocell	13782
52	Protection of the photocell	29770
53	Pressure switch	27368
54	Pressure switch PVC tube	13497
55	Pressure switch silicone tube	13498
56	Rubber grommet	19648
57	Terminal block	19623
58	SET - Turbolators from the 2nd and 3rd flue gases passage (see page 5)	
58.1	Axle of mechanism for cleaning	24909
59	Plate of isolation holder	25791
60	Casing supporter	25224
61	Main switch	11324
62	Plastic frame of control unit	25811
62.1	Control unit	23028
63	SET - pump group (see page 6)	37365
63	SET - pump group with HE pump	37364
	SET - Casing cover BioPelet 18	36108



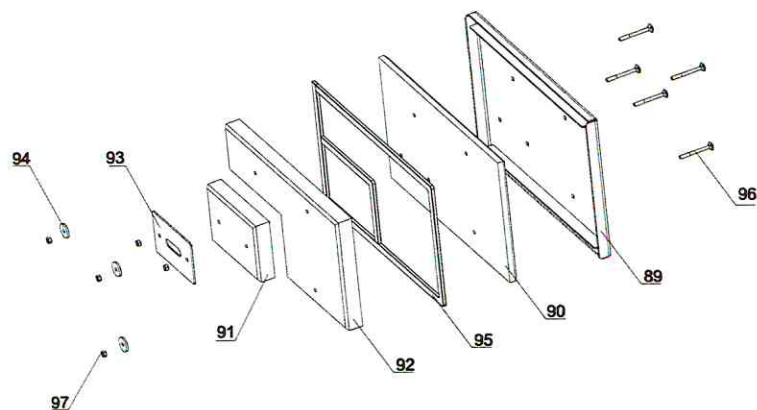
Position	Position name	Code
21	SET - Lower right door	25670
63	Base of the lower right door	23155
64	Refractory stone of the lower right door	23020
65	Refractory stone protection of the lower right door	23157
66	Hinge of the lower right door	23158
67	Handle of the lower right door	15291
68	Elastic pin diameter 6x20 mm	18759
69	Screw torban M8x60 mm	15289
70	Glass braid right door	26448
71	Nut M8	13134



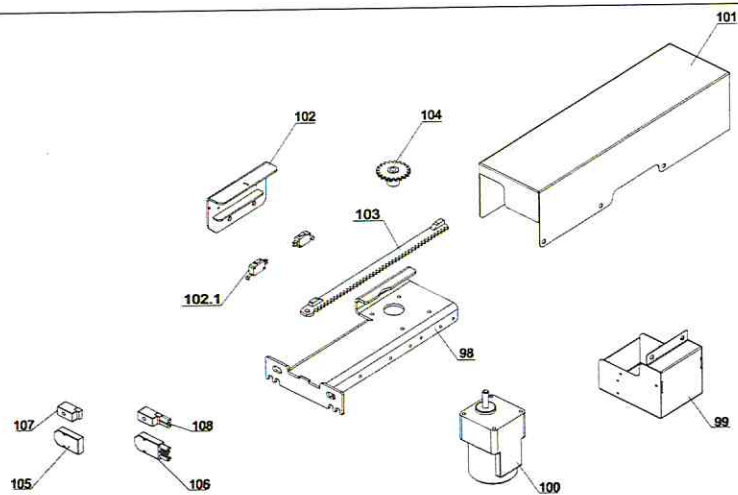
Position	Position name	Code
22	SET - Lower left door	25565
72	Base of the lower left door	25559
73	Refractory stone of the lower left door	25561
74	Refractory stone protection of the lower left door	25560
75	Hinge of the lower left door	23158
76	Handle of the lower left door	15291
77	Elastic pin diameter 6x20 mm	18759
78	Screw torban M8x60 mm	15289
79	Glass braid left door	26557
80	Nut M8	13134



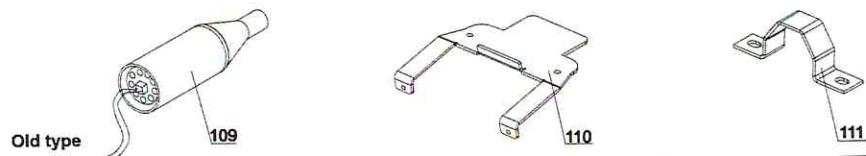
Position	Position name	Code
23	SET - front boiler door	24900
81	Base of the front door	24901
82	Refractory stone of the front door	25248
83	Hinge of the lower right door	23152
84	Elastic pin diameter 6x20 mm	18759
85	Glass of the front door	22992
86	Porter of the front door Glass	23151
87	Screw M4x6 mm	14443
88	Glass braid front door	26553



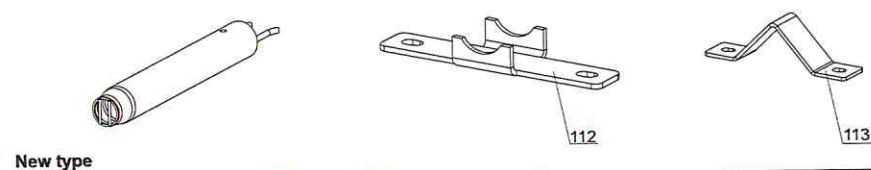
Position	Position name	Code
24	SET - Upper door	24902
89	Base of the upper door	33903
90	Refractory stone of the upper door	25551
91	Smaller refractory stone of the upper door	25250
92	Larger refractory stone of the upper door	25249
93	Protection of the smaller refractory stone for the upper door	24905
94	Metal washer for upper door	30612
95	Glass braid upper door	26468
96	Screw torban M8x80 mm	15646
97	Nut M8	13134



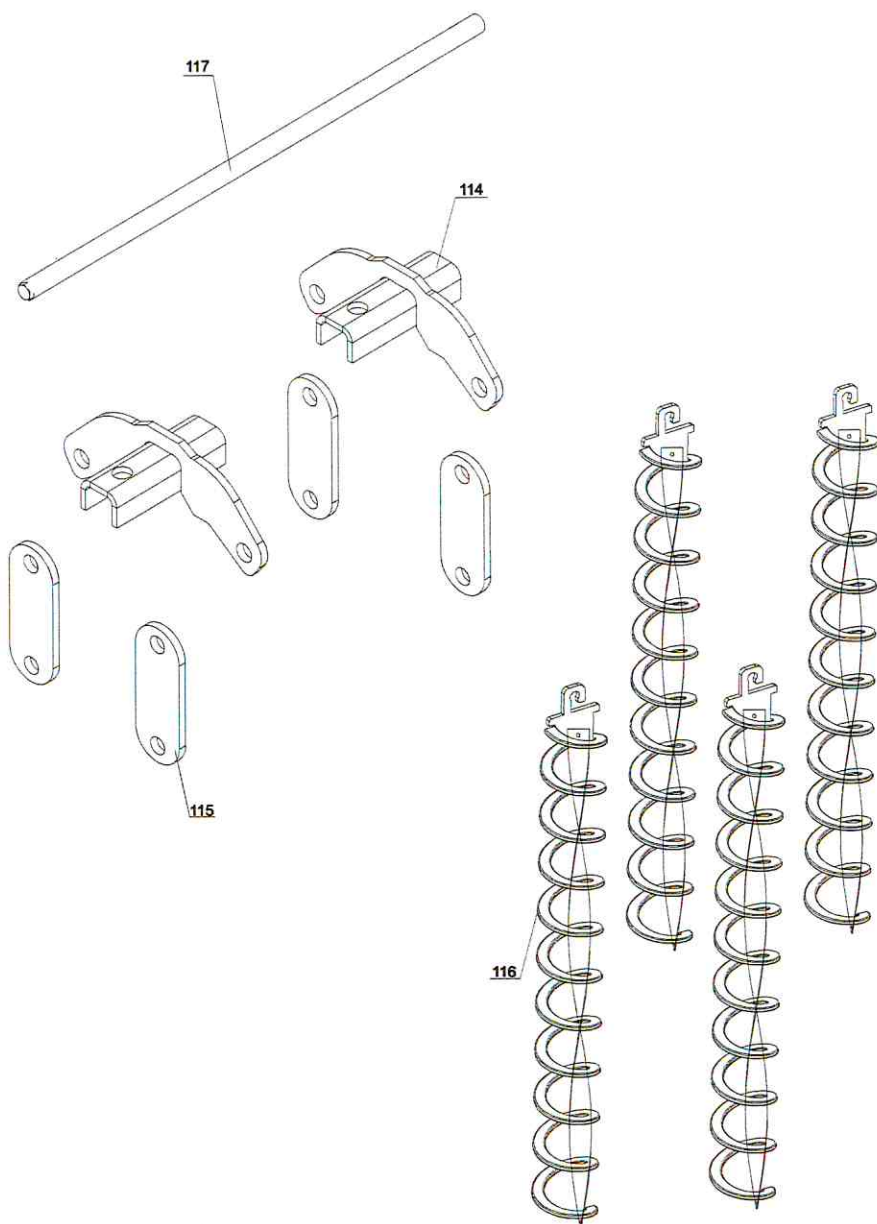
Position	Position name	Code
35	SET - burner grill cleaning mechanism	
98	Motor port for cleaning of the grill	35146
99	Protection of the SMS motor	36402
100	SMS motor for cleaning of the grill	35231
101	Protection of the burner grill cleaning mechanism	35145
102	Microswitch port	36397
102.1	Microswitch	11325
103	Rack gear	36388
104	Bush with gear wheel	36406
105	3 - pole (female) connector (white)	25916
106	3 - pole (male) connector (white)	25915
107	2 - pole (female) connector (black/brown)	16129
108	2 - pole (male) connector (black/brown)	16130



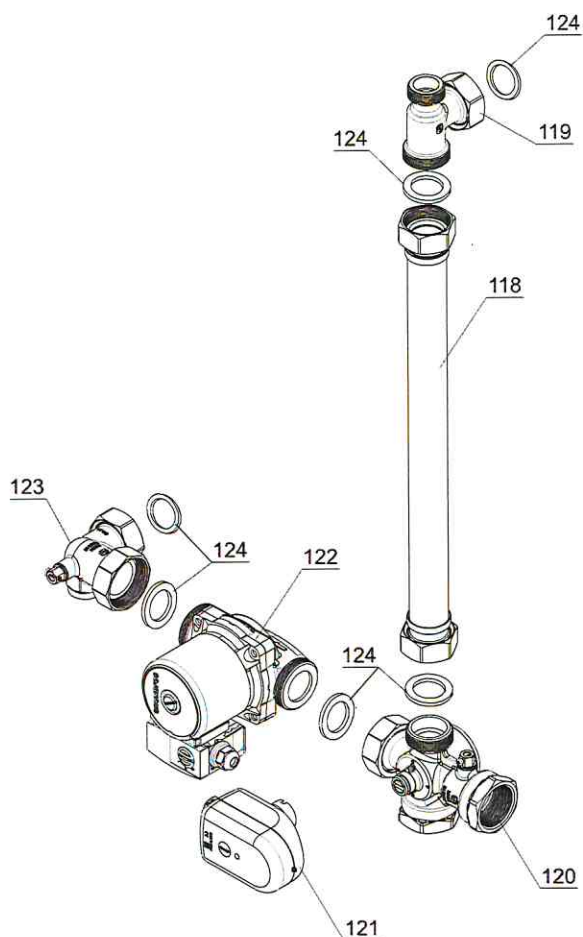
Position	Position name	Code
43	SET - electric heater	
109	Electric heater	27437
110	Electric heater port	23173
111	Electric heater clamp	23174



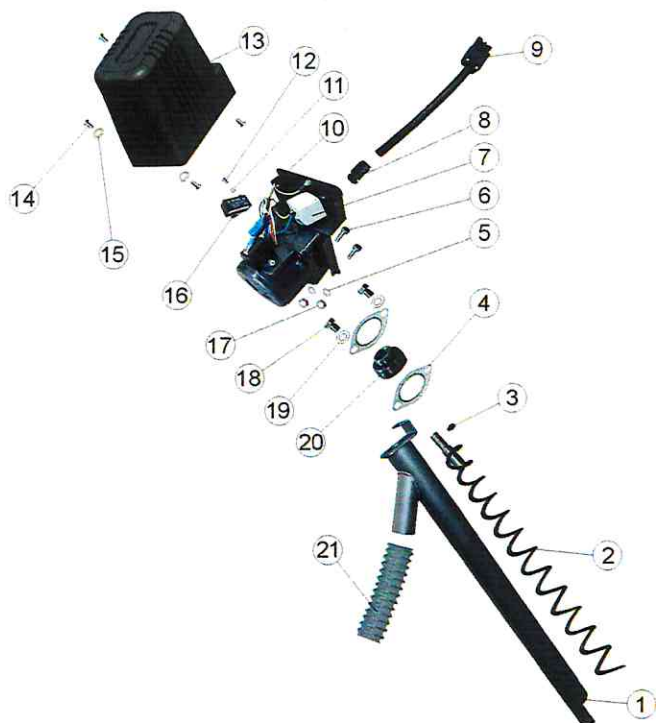
Position	Position name	Code
44	SET - electric heater 300W FKK.PSx-2-240-B (delivered with base and clamp)	46527
112	Ceramic electric heater base	31414
113	Electric heater clamp	31413



Position	Position name	Code
58	SET - Turbulators from the 2nd and 3rd flue gases passage	
114	Axle of the turbulators from the 2nd and 3rd flue gases passage	28555
115	Porter of the turbulators from the 2nd and 3rd flue gases passage	23196
116	Turbulator from the 2nd and 3rd flue gases passage	24837
117	Axle of the mechanism for cleaning of the 2nd and 3rd flue gas channel	24909

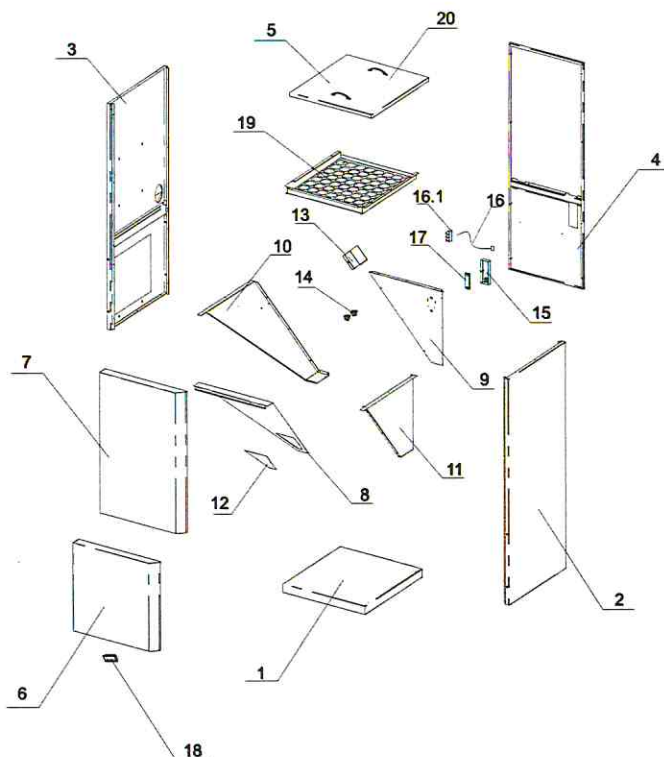


Position	Position name	Code
63	SET - Pump group	37365
63	SET - Pump group with HE pump	37364
118	Connecting pipe	37430
119	T - piece - flow	37431
120	3 - way mixing valve	37432
121	Motor actuator	37433
122	Circulation pump Grundfos UPM3 HYBRID 25-70, L=130	37726
	Connection cable UPM3 HYBRID 25-70 L=750 mm	42751
122	HE pump - Grundfos UPS2 25-40/60	37725
122	Pump - Grundfos UPS0 25-65	37724
123	Angled T - piece - return flow	37434
124	Seal 3/4" (39x26)	37480



RAL 9005

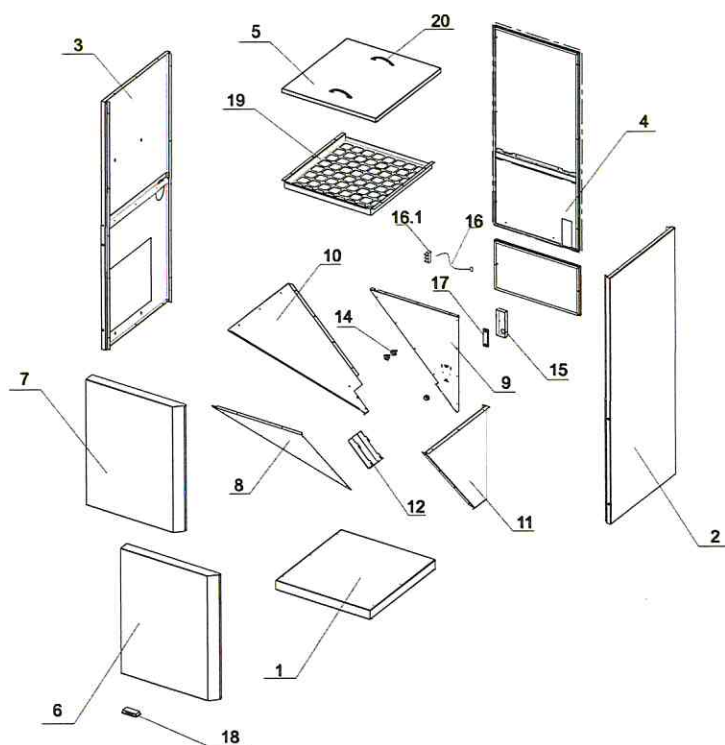
Position	Position name	Code
1	Screw feeder tube	25251
2	Feeder screw coil with axle	26547
3	Set screw M6x10 DIN 7380-allen	13962
4	Bearing housing	18413
5	Washer M6 DIN 6798-toothed	10827
6	Screw M6x16 DIN 933	13120
7	Ferrite in housing	14721
8	Cable inlet PG 9	19367
9	Input cord with 3-pole socket	29922
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

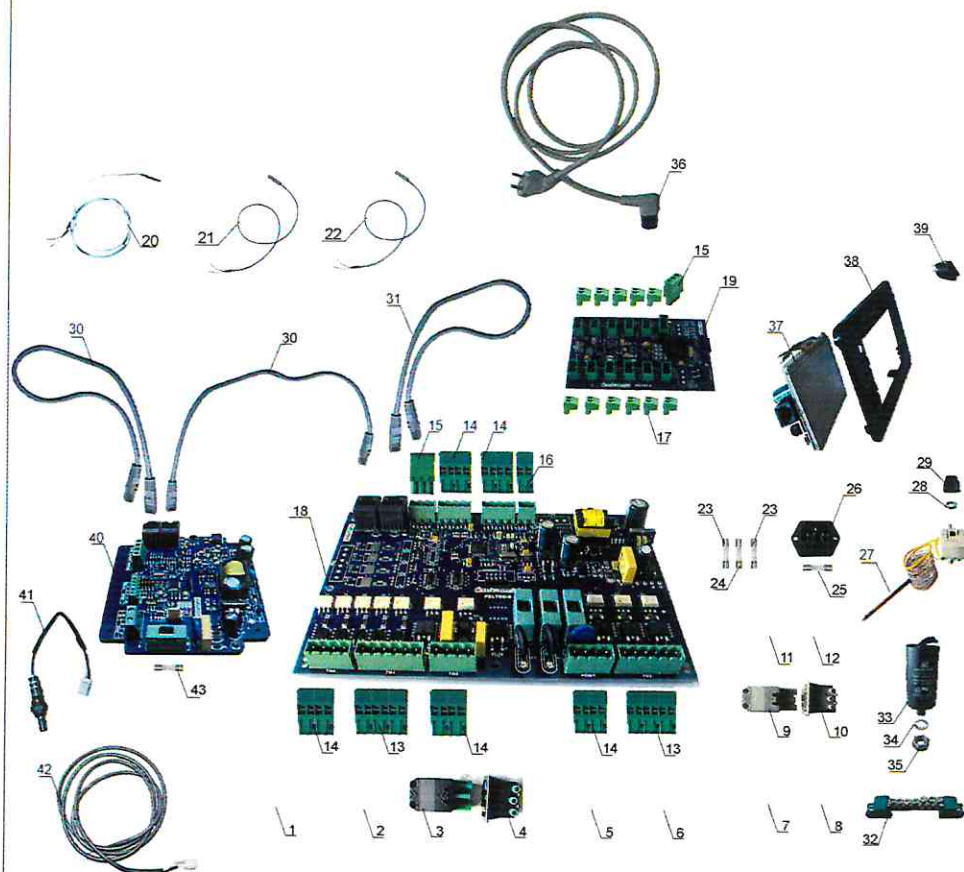
Position	Position name	Code
0	SET - Pellet container CPSP	36005
1	Tank foundation (RAL 5018)	33610
2	Lateral right side (RAL 5018)	23060
3	Lateral left side (RAL 5018)	23061
4	Back side	23394
5	Pelet tank cover (RAL 5018)	26492
6	Lower door (RAL 5018)	23057
7	Front outer side (RAL 5018)	23056
8	Front inner side	23067
9	Back inner side	23066
10	Side inner left side	23064
11	Side inner right side	23065
12	Front inner side cover	23070
13	Feeder clamp	23069
14	Plastic screw M8x15	13132
15	Protection of the sensor	25697
16	Cable of the pellet level sensor	29786
16.1	3-pole socket	29905
17	Sensor for level of pellets	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



REGULATION - BioPelet / BioPelet lambda 12/18 kW

Pos.	Position name	Code
1	3-pole (female) connector (P1-heating pump, grey)	25851
2	3-pole (male) connector (P1-pump, grey)	25847
3	3-pole (female) connector (P2-heating pump, green)	25850
4	3-pole (male) connector (P2-heating pump, green)	25845
5	3-pole (female) connector (P3-heating pump, brown)	26979
6	3-pole (male) connector (P3-heating pump, brown)	25846
7	7-pole (female) connector (M3-fan, brown/black)	21758
8	7-pole (male) connector (M3-fan, brown/black)	25910
9	3-pole (female) connector (M2-motor device, white)	25849
10	3-pole (male) connector (M2-motor device, white)	25844
11	3-pole (female) connector (M1-pellet feeder, black)	25848
12	3-pole (male) connector (M1-pellet feeder, black)	25843
13	6-pole (flat) connector	29903
14	4-pole (flat) connector	29904
15	3-pole (flat) connector	29905
16	2-pole (flat) connector	29906
17	2-pole (angled) connector	29907
18	PC board	23029
19	PC board- sensor	26198
20	Flue gas sensor	12774
21	Boiler / PTV / CAS / GRO sensor (L=1000 mm)	26298
22	Flow / Return / CAS / GRO sensor (L= 2000 mm)	26200

Pos.	Position name	Code
23	Fuse 3,15 A (F3, F1)	25836
24	Fuse 500 mA (F2)	25837
25	Fuse 6,3 A (Power supply euro male connector)	16124
26	Power supply euro male connector	25453
27	Safety thermostat	15893
28	Nut M10	15017
29	Nut safety thermostat	13185
30	UTP connector L=500 mm	25834
31	UTP connector L=1500 mm	25932
32	Terminal strip for grounding	15820
33	Capacitor for fan (2 uF)	29909
34	Washer M8	13348
35	Nut M8	13134
36	Power supply cable with the plug (angle)	25831
37	Control unit	23028
38	PVC frame of control unit	25811
39	Main switch	11324
40	* PC board - lambda probe	22995
41	* The lambda probe	22661
42	* Cable of the lambda probe	22662
43	* Fuse 1.6 A	13591

* - only with BioPelet - lambda 18