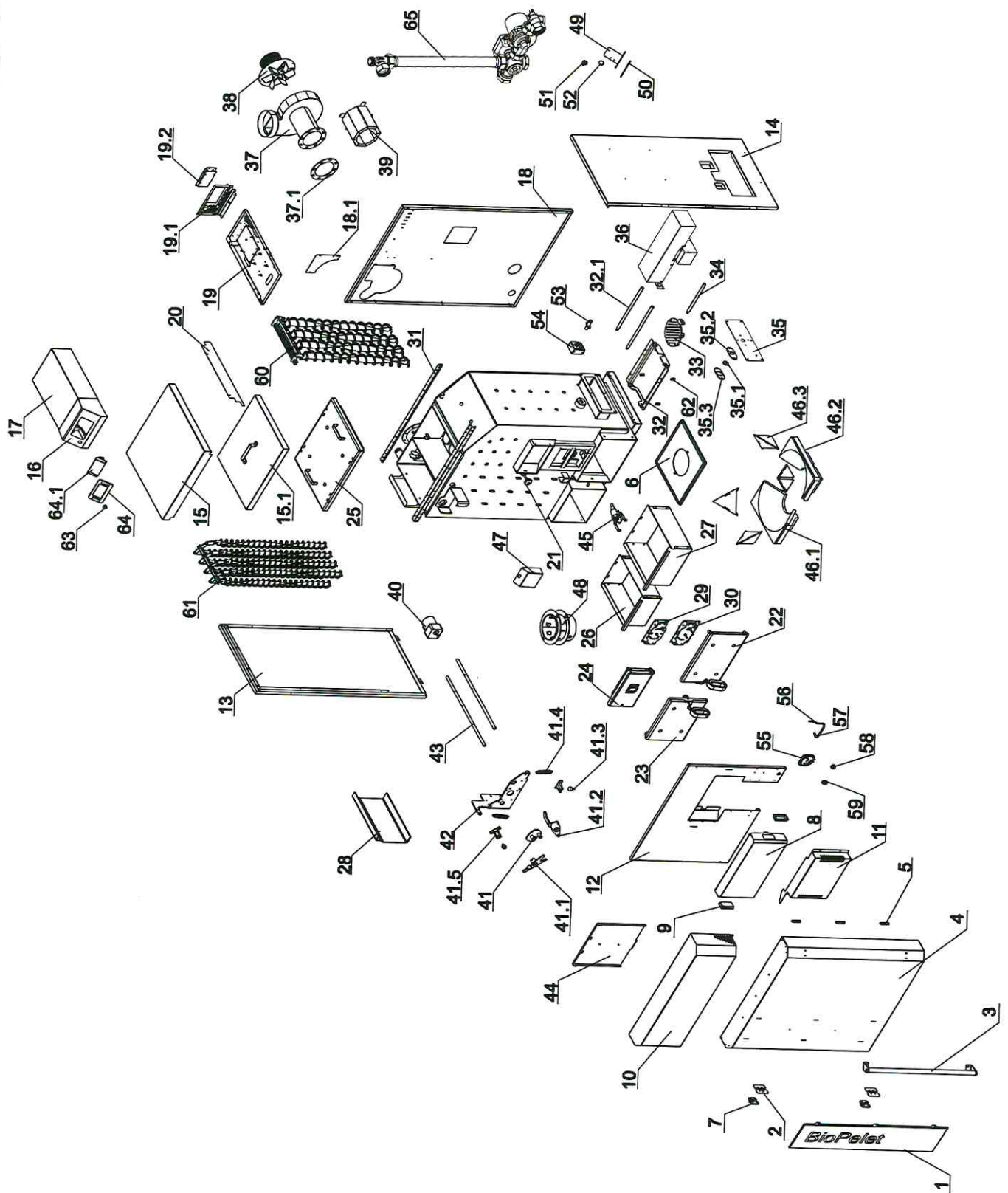




**DISPOSITIONAL (EXPANDED) VIEW OF  
THE BOILER WITH SPARE PARTS LIST**

*PEL-TEC 36*

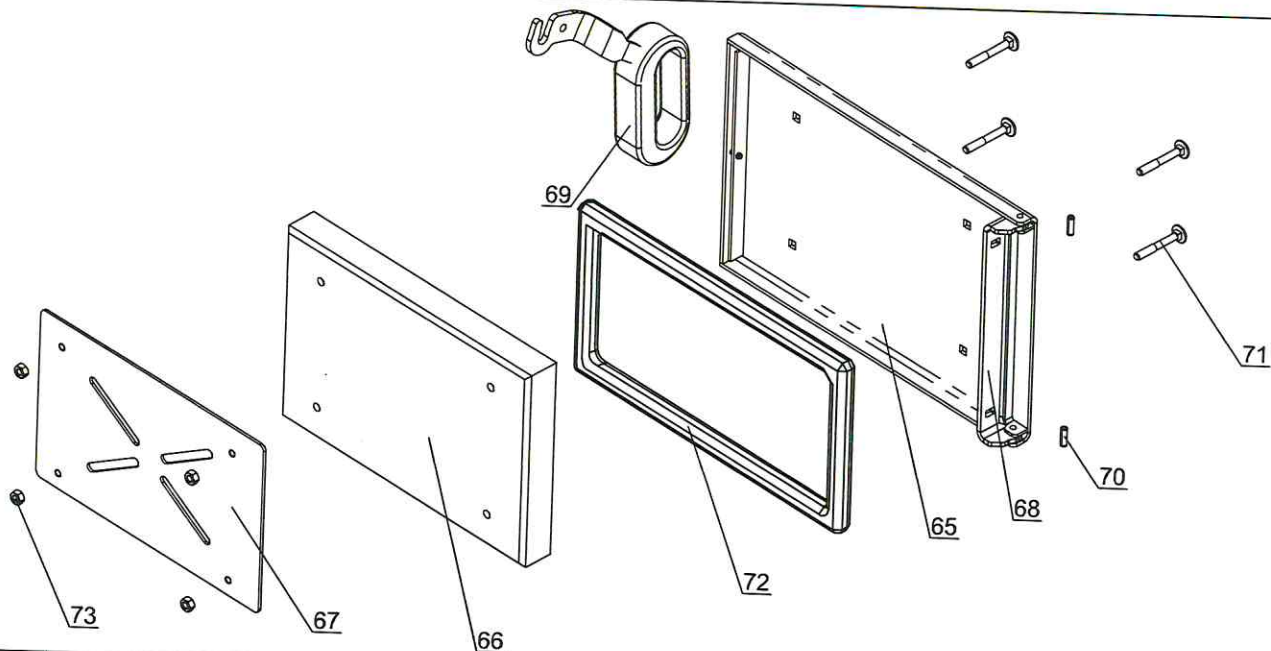
***BioPelet / BioPelet-lambda 36***



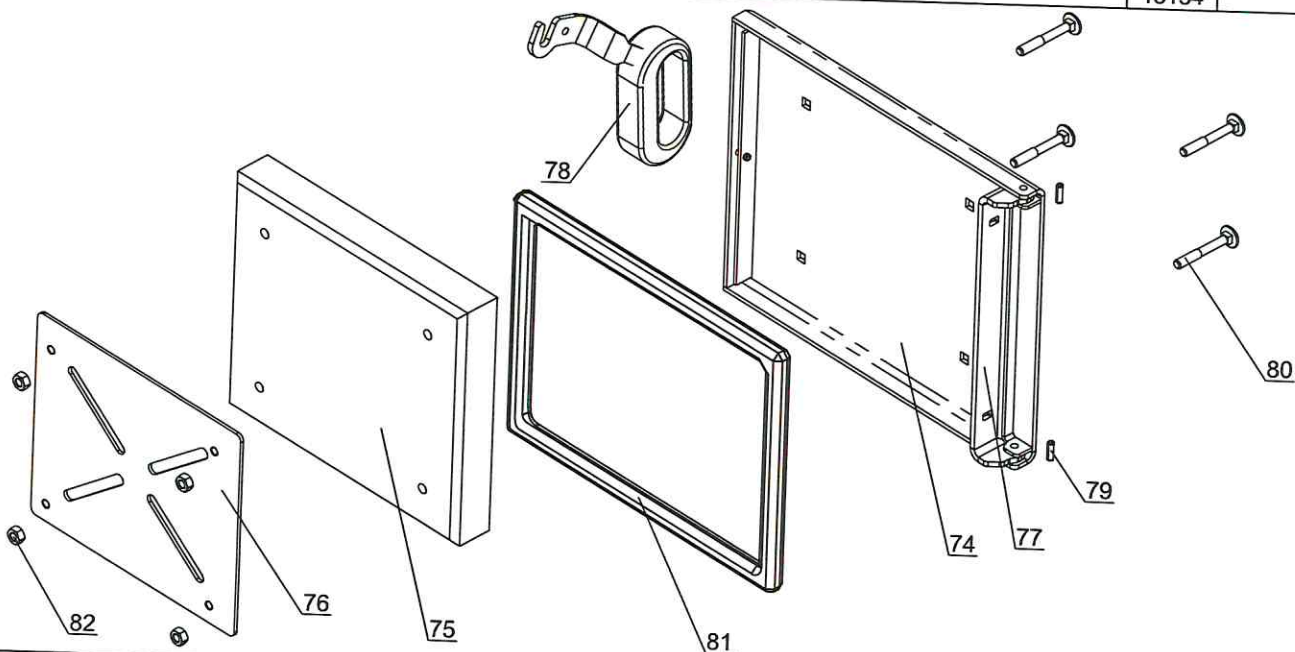


# BioPelet / BioPelet-lambda 36 - SPARE PARTS LIST

| Position | Position name                                                       | Code           |
|----------|---------------------------------------------------------------------|----------------|
| 1        | Decorative lid of the cover doors                                   |                |
| 2        | Hinge reinforcement                                                 | RAL 9005 46468 |
| 3        | Handle door cover                                                   | 25842          |
| 4        | Cover door                                                          | 26370          |
| 5        | Magnet of the door cover                                            | RAL 5018 47059 |
| 6        | Plate over burner                                                   | 17957          |
| 7        | Door cover hinge                                                    | 25818          |
| 8        | Protection of the front boiler door                                 | 25873          |
| 9        | Handle for the protection of the front boiler door                  | 25049          |
| 10       | Front upper cover                                                   | 19310          |
| 11       | Protection of the mechanism for primary and secondary air           | RAL 9005 47057 |
| 12       | Front cover                                                         | 25050          |
| 13       | Lateral cover - left                                                | 24915          |
| 14       | Lateral cover - right                                               | RAL 5018 47055 |
| 15       | Upper cover                                                         | RAL 5018 45056 |
| 15.1     | Stone wool carrier                                                  | RAL 5018 47058 |
| 16       | SET - regulation box                                                | 34908          |
| 17       | Regulation box cover                                                | RAL 5018 47031 |
| 18       | Rear cover                                                          | RAL 5018 47061 |
| 18.1     | Lambda probe cover                                                  | 24856          |
| 19       | Holder of the regulation unit                                       | 34894          |
| 19.1     | PC board holder                                                     | 30079          |
| 19.2     | Protection of the PC board                                          | 30036          |
| 20       | Protection of the regulation unit                                   | 25856          |
| 21       | Plastic nut M10                                                     | 24853          |
| 22       | SET - lower right boiler door                                       | 25348          |
| 23       | SET - lower left boiler door                                        | 24780          |
| 24       | SET - front boiler door                                             | 24779          |
| 25       | SET - upper boiler door                                             | 24777          |
| 26       | Flue gas channel ashtray                                            | 24776          |
| 27       | Combustion chamber ashtray                                          | 24815          |
| 28       | Dry sheet metal of the flue gas channel                             | 24814          |
| 29       | Primary air regulation                                              | 23381          |
| 30       | Secondary air regulation                                            | 29669          |
| 31       | Cover connection sheet metal                                        | 29668          |
| 32       | SET - burner grill holder                                           | 24844          |
| 32.1     | Slide for the burner grill holder                                   | 29626          |
| 33       | Burner grill                                                        | 25322          |
| 34       | Axle of the burner grill holder                                     | 30115          |
| 35       | Flinge of the mechanism for cleaning of the grill                   | 25324          |
| 35.1     | Floating tile holder 2                                              | 36387          |
| 35.2     | Floating tile                                                       | 34746          |
| 35.3     | Floating tile holder 1                                              | 34744          |
| 36       | SET - mechanism for cleaning of the grill (see page 4)              | 34745          |
| 37       | Flue gas fan box                                                    |                |
| 37.1     | Gasket for the flue gas fan box                                     | 26377          |
| 38       | Flue gas fan                                                        | 29775          |
| 39       | Protection of the flue gas fan                                      | 23021          |
| 40       | Motor with the gearbox for cleaning of the flue gases               | 35006          |
| 41       | Eccentric for cleaning of the flue gases                            | 17784          |
| 41.1     | Lever for shaking of turbolator - 2nd pass                          | 35787          |
| 41.2     | Lever for shaking of turbolator - 1st pass                          | 35794          |
| 41.3     | Bolt with rubber M6x20                                              | 35799          |
| 41.4     | Pull spring                                                         | 33848          |
| 41.5     | Rubber carrier for turbolator shaking                               | 34987          |
| 42       | Porter of the motor for the cleaning of the flue gas channels       | 35805          |
| 43       | Axle of the mechanism for cleaning the flue gas channel 3rd passage | 35807          |
| 44       | Ashtray cover                                                       | 28557          |
| 45       | SET - electric heater with porter and clamp (see page 4)            | 30535          |
| 46.1     | Refractory stone - left                                             |                |
| 46.2     | Refractory stone - right                                            | 29912          |
| 46.3     | Refractory stone holder                                             | 29913          |
| 47       | Pellet converter                                                    | 30375          |
| 48       | Burner combustion chamber                                           | 30134          |
| 49       | Pellet feeding tube                                                 | 26455          |
| 50       | Gasket of the pellet feeding tube                                   | 29769          |
| 51       | Bimetal sensor                                                      | 26195          |
| 52       | Bimetal sensor tab                                                  | 12288          |
| 53       | Photocell                                                           | 25905          |
| 54       | Protection of the photocell                                         | 13782          |
| 55       | Pressure switch                                                     | 29770          |
| 56       | Pressure switch PVC tube                                            | 27368          |
| 57       | Pressure switch silicone tube                                       | 13497          |
| 58       | Rubber grommet                                                      | 13498          |
| 59       | Terminal block                                                      | 19648          |
| 60       | SET - Turbolators from the 2nd flue gases passage (see page 5)      | 19623          |
| 61       | SET - Turbolators from the 3rd flue gases passage (see page 5)      |                |
| 62       | Pressure spring of the porter grill                                 |                |
| 63       | Main switch                                                         | 35088          |
| 64       | Plastic frame of control unit                                       | 11324          |
| 64.1     | Control unit                                                        | 25811          |
| 65       | SET - pump group (see page 6)                                       | 23028          |
| 65       | SET - pump group with HE pump                                       | 37365          |
|          | Casing cover BioPelet 36 - SET                                      | 37364          |
|          |                                                                     | 36148          |

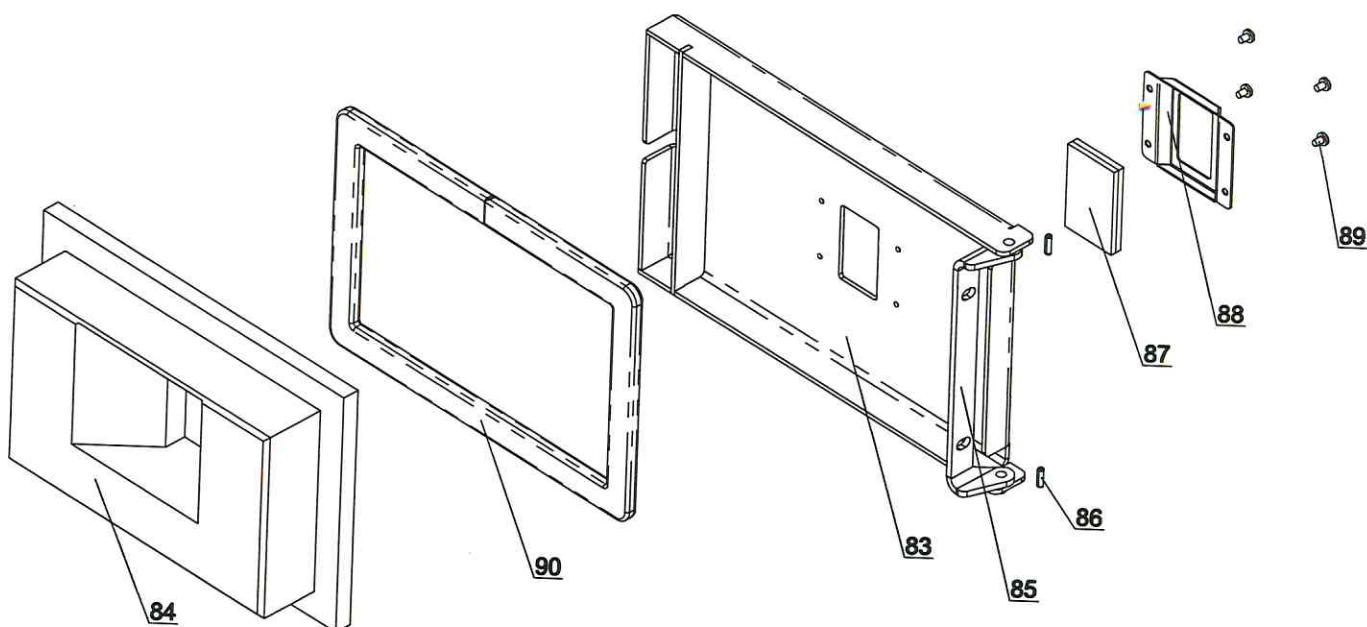


| Position | Position name                                       | Code  |
|----------|-----------------------------------------------------|-------|
| 22       | SET - Lower right door                              |       |
| 65       | Base of the lower right door                        | 24780 |
|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

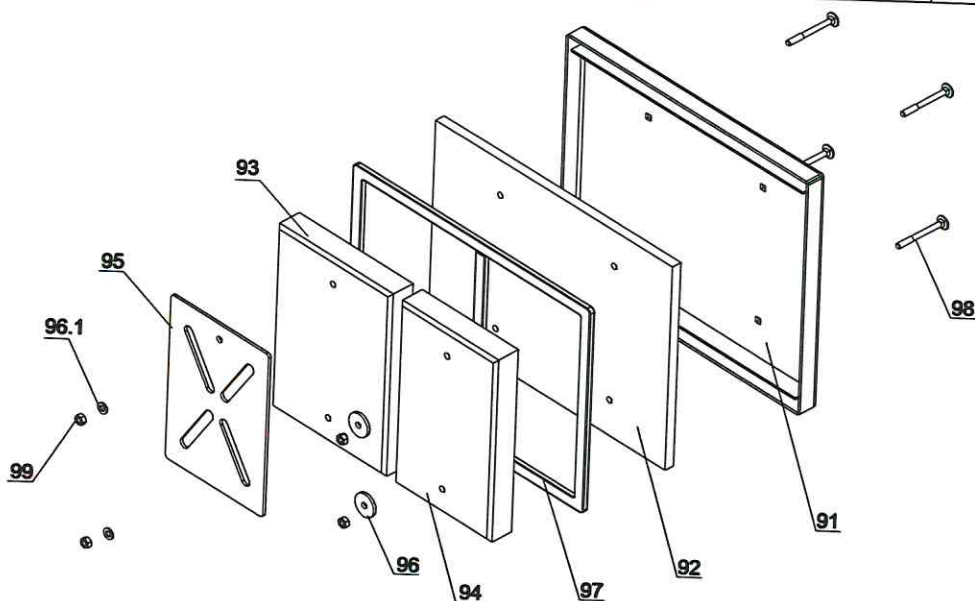


| Position | Position name                                      | Code  |
|----------|----------------------------------------------------|-------|
| 23       | SET - Lower left door                              |       |
| 74       | Base of the lower left door                        | 24779 |
| 75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

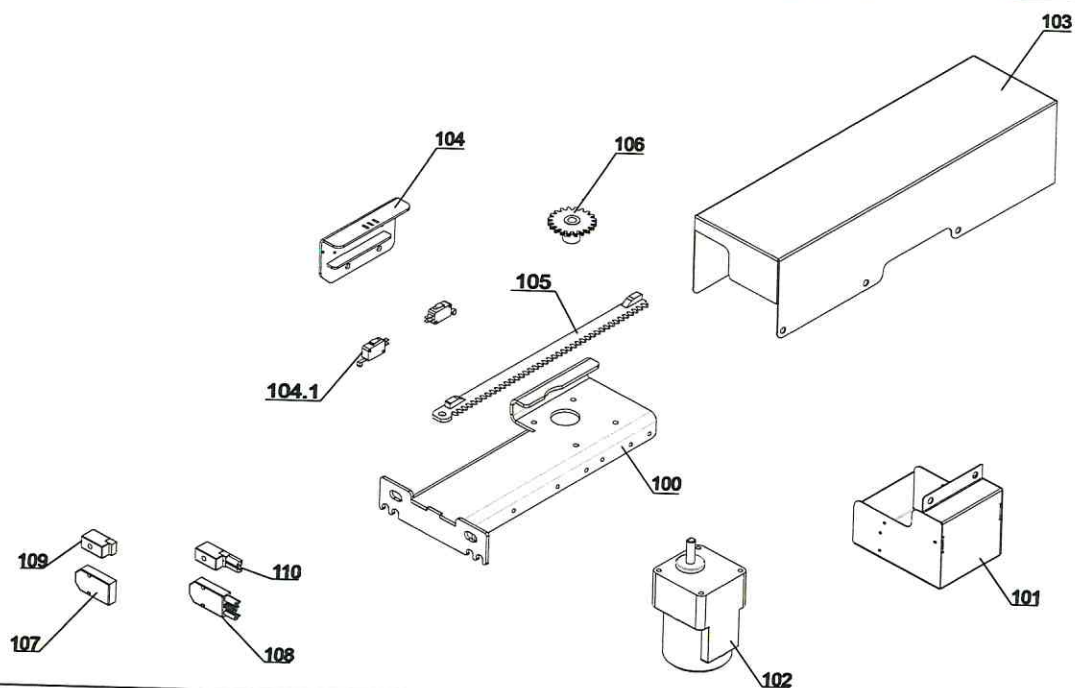




| Position | Position name                      | Code  |
|----------|------------------------------------|-------|
| 24       | SET - front boiler door            |       |
| 83       | Base of the front door             | 24777 |
| 84       | Refractory stone of the front door | 23400 |
| 85      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

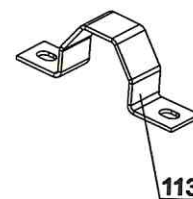
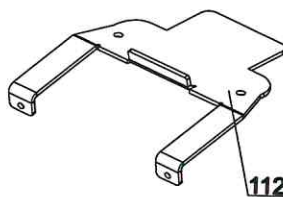
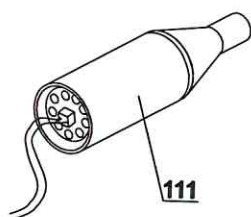


| Position | Position name                                              | Code  |
|----------|------------------------------------------------------------|-------|
| 25       | SET - Upper door                                           |       |
| 91       | Base of the upper door                   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



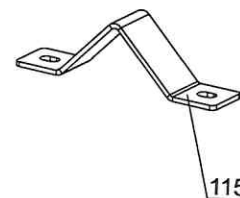
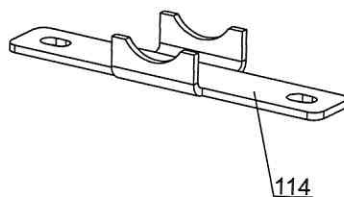
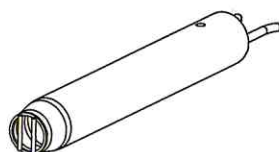
| Position | Position name                                     | Code  |
|----------|---------------------------------------------------|-------|
| 35       | SET - burner grill cleaning mechanism             |       |
| 100      | Motor port for cleaning of the grill              |       |
| 101   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

Old type



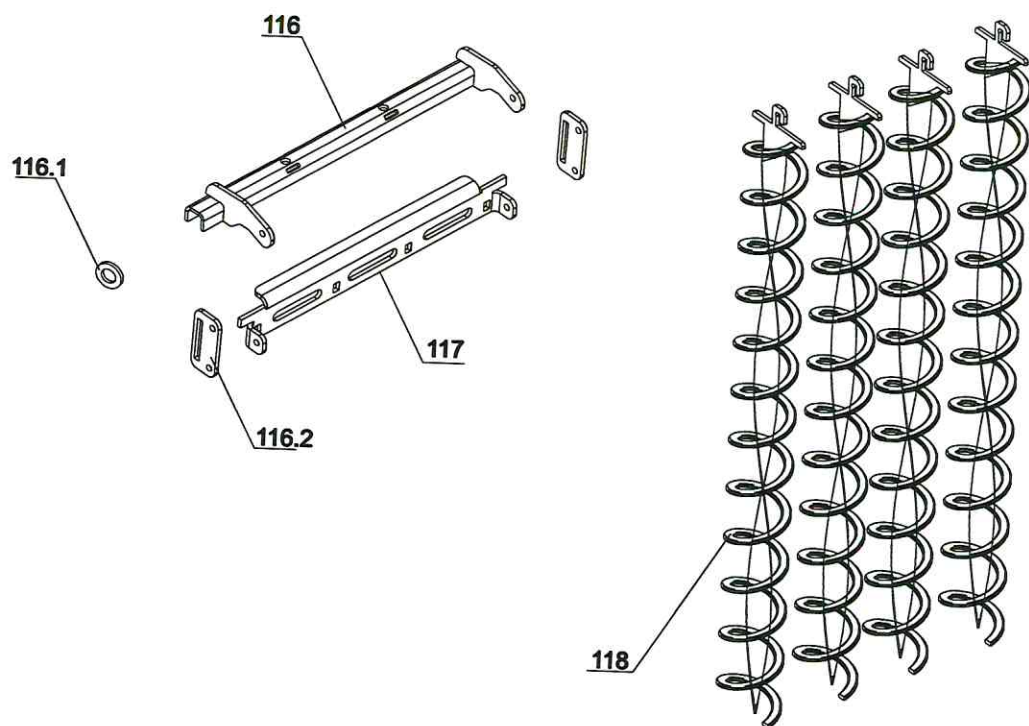
| Position | Position name         | Code  |
|----------|-----------------------|-------|
| 43       | SET - electric heater |       |
| 111      | Electric heater       |       |
| 112      | Electric heater port  | 27437 |
| 113      | Electric heater clamp | 23173 |
|          |                  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

New type

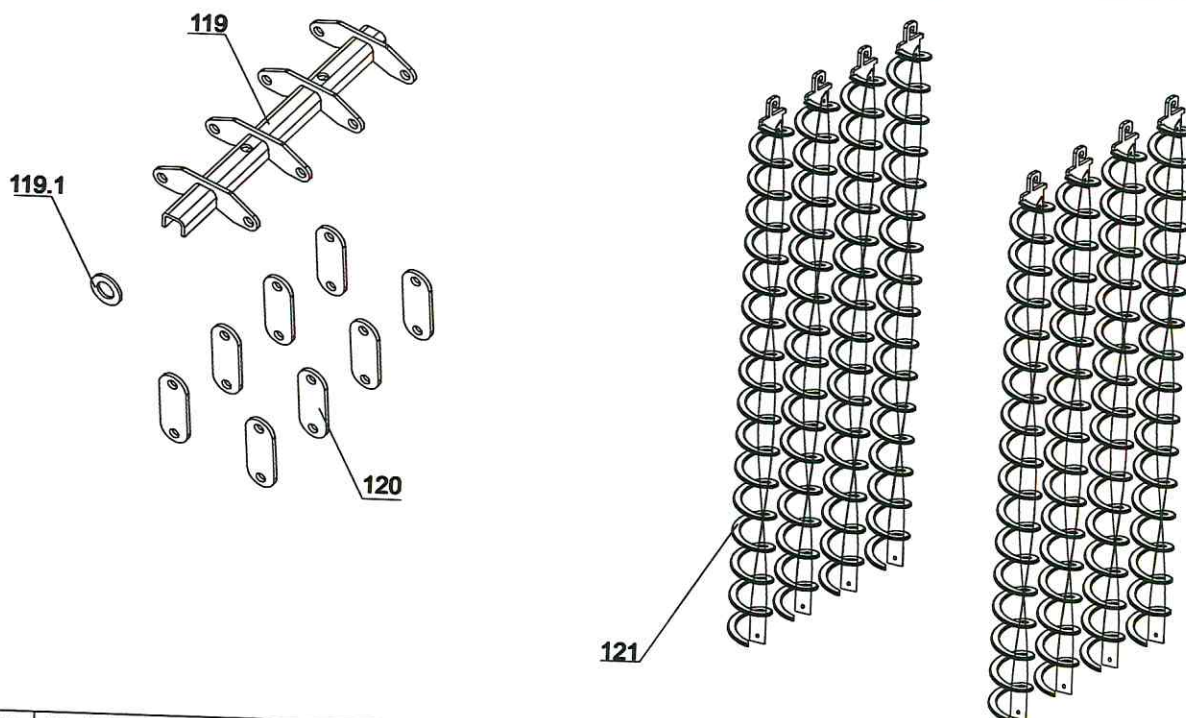


| Position | Position name                                                              | Code  |
|----------|----------------------------------------------------------------------------|-------|
| 44       | SET - electric heater 300W FKK.PSx-2-240-B (delivered with base and clamp) |       |
| 114 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

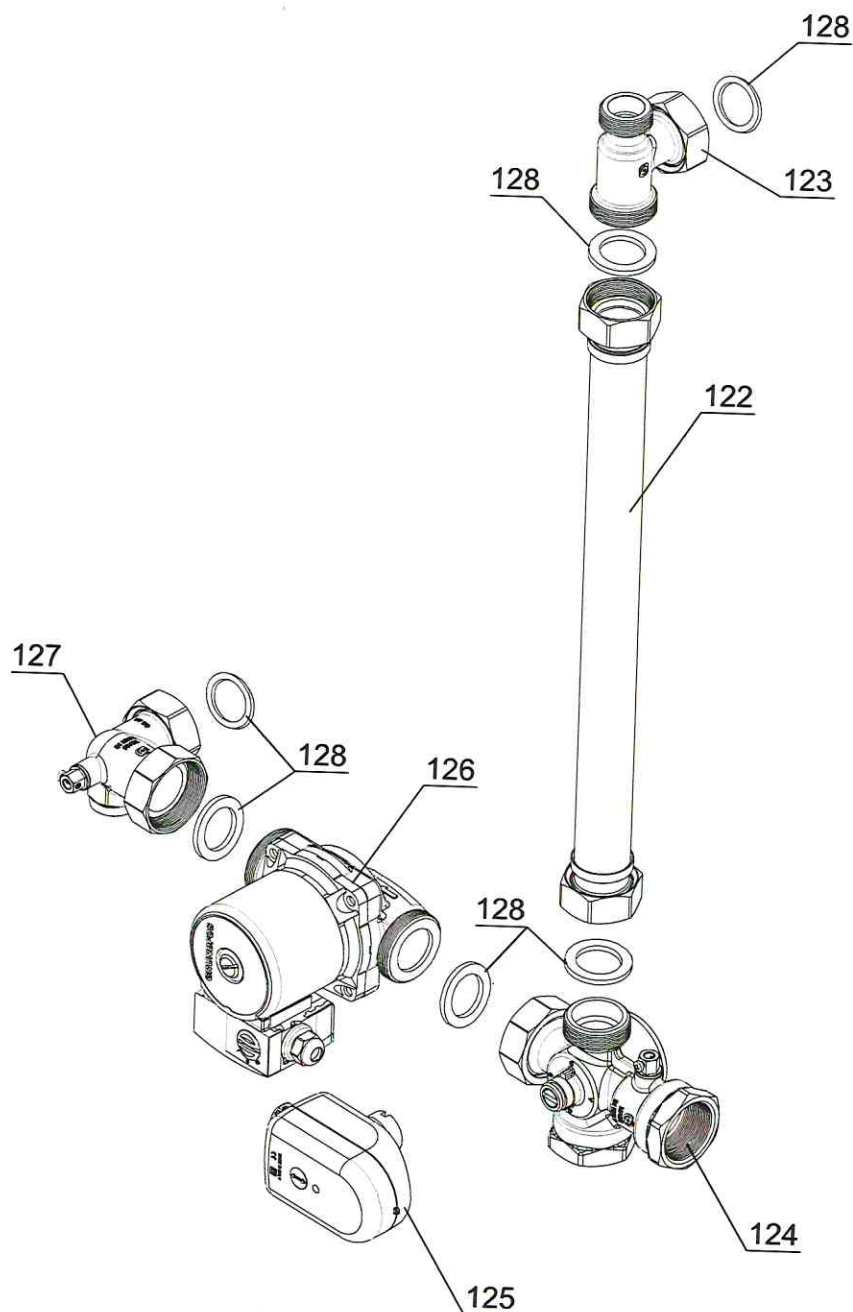




| Position | Position name                                                    | Code  |
|----------|------------------------------------------------------------------|-------|
| 60       | SET - Turbulators from the 2nd flue gases passage                |       |
| 116      | Carrier of the frame turbulators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

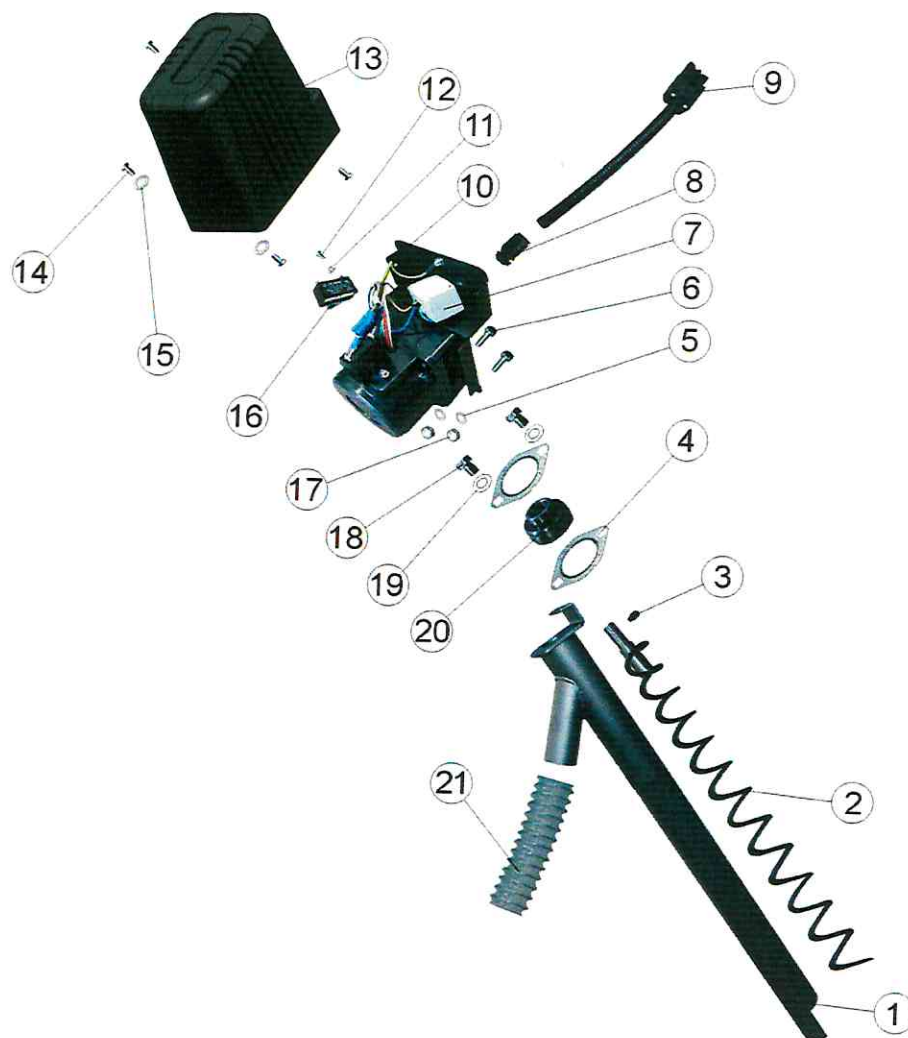


| Position | Position name                                             | Code  |
|----------|-----------------------------------------------------------|-------|
| 61       | SET - Turbulators from the 3rd flue gases passage         |       |
| 119      | Axle of the turbulators from the 3rd flue gases passage   |       |
| 119.1    | Metal washer M16                                          | 28558 |
| 120      | Porter of the turbulators from the 3rd flue gases passage | 13282 |
| 121      | Turbulator from the 3rd flue gases passage                | 23196 |
|          |                                                           | 24827 |

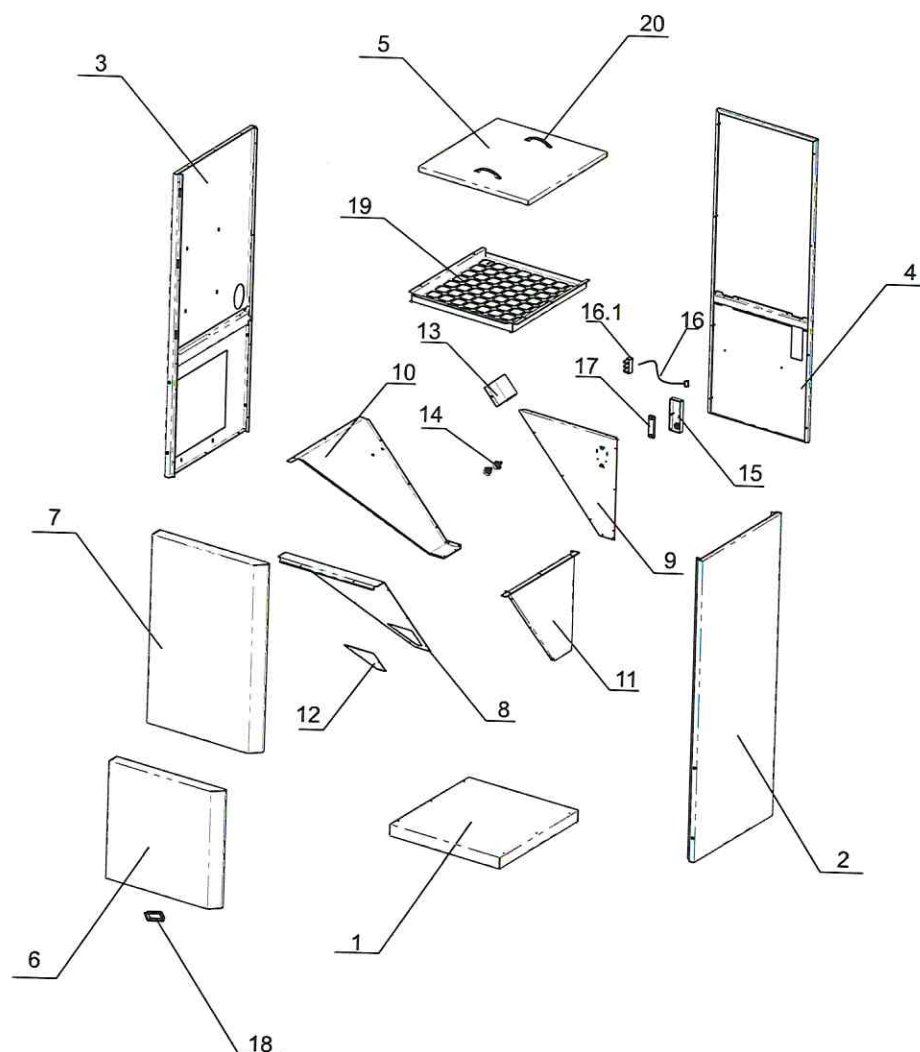


| Position | Position name                                      | Code  |  |
|----------|----------------------------------------------------|-------|--|
| 63       | SET - Pump group                                   |       |  |
| 63       | SET - Pump group with HE pump                      | 37365 |  |
| 122      | Connecting pipe                                    | 37364 |  |
| 123      | T - piece - flow                                   | 37430 |  |
| 124      | 3 - way mixing valve                               | 37431 |  |
| 125      | Motor actuator                                     | 37432 |  |
| 126      | Circulation pump Grundfos UPM3 HYBRID 25-70, L=130 | 37433 |  |
|          | Connection cable UPM3 HYBRID 25-70 L=750 mm        | 37726 |  |
| 126      | HE pump - Grundfos UPS2 25-40/60                   | 42751 |  |
| 126      | Pump - Grundfos UPS0 25-65                         | 37725 |  |
| 127      | Angled T - piece - return flow                     | 37724 |  |
| 128      | Seal 3/4" (39x26)                                  | 37434 |  |
|          |                                                    | 37480 |  |



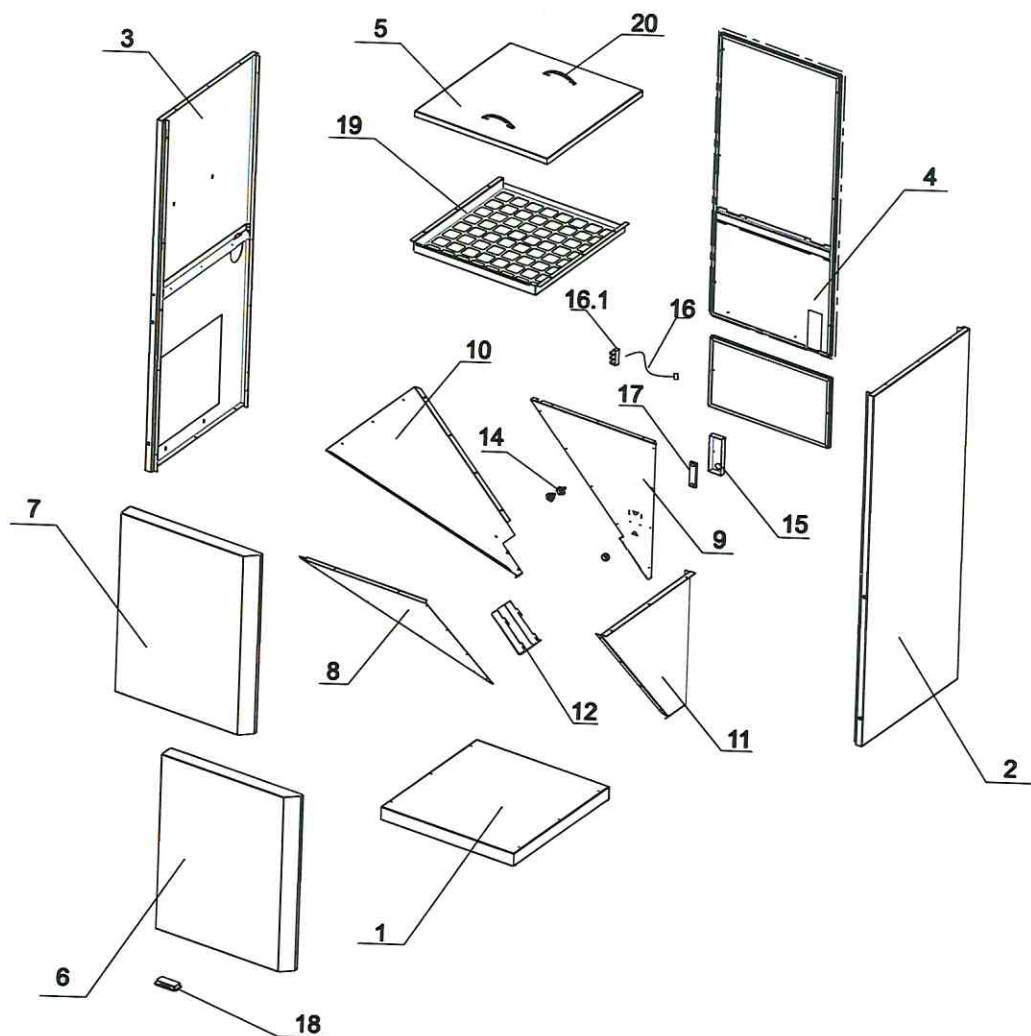


| Position | Position name                               | Code  | RAL 9005 |
|----------|---------------------------------------------|-------|----------|
| 1        | Screw feeder tube                           | 25252 |          |
| 2        | Feeder screw coil with axle                 | 26497 |          |
| 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

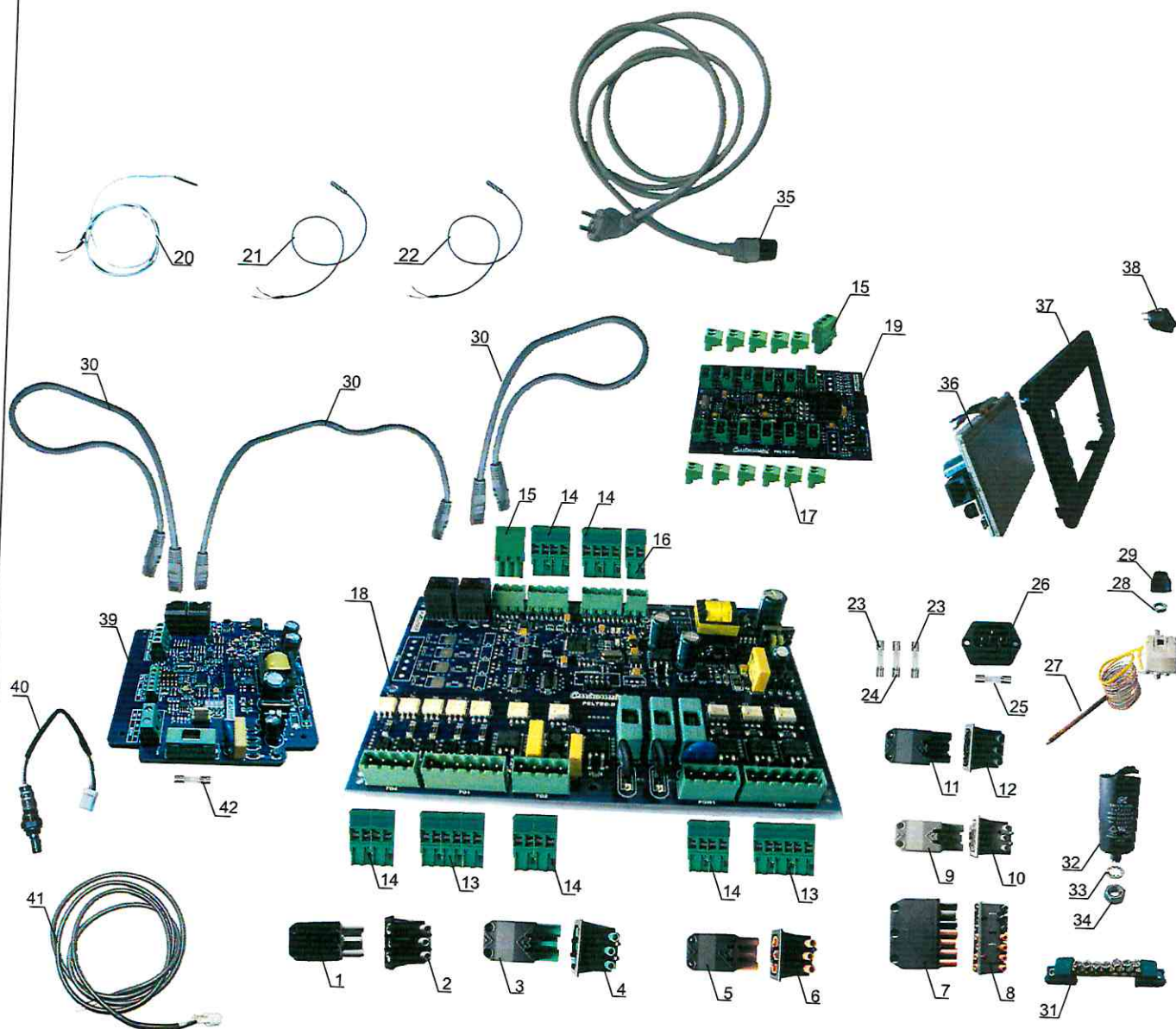
| Position |  | Position name                    | RAL 5018         |  |
|----------|--|----------------------------------|------------------|--|
|          |  |                                  | Code             |  |
| 0        |  | SET - Pellet container CPSP      |                  |  |
| 1     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



07/2017 - New type

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





# REGULATION - BioPelet / BioPelet lambda 36/48 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 |

| Pos. | Position name                                  | Code  |
|------|------------------------------------------------|-------|
| 22   | Flow / Return / CAS / GRO sensor (L= 2000 mm)  | 26200 |
| 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   | Terminal strip for grounding                   | 15820 |
| 32   | Capacitor for fan (2,5 uF)                     | 29910 |
| 33   | Washer M8                                      | 13348 |
| 34   | Nut M8                                         | 13134 |
| 35   | Power supply cable with the plug ( flat )      | 25830 |
| 36   | Control unit                                   | 23028 |
| 37   | PVC frame of control unit                      | 25811 |
| 38   | Main switch                                    | 11324 |
| 39   | * PC board - lambda probe                      | 22995 |
| 40   | * The lambda probe                             | 22661 |
| 41   | * Cable of the lambda probe                    | 22662 |
| 42   | * Fuse 1.6 A                                   | 13591 |