

SPARE PARTS LIST AIRTRONIC L3 D6L COMMERCIAL



This spare parts list is valid for the following engine-independent air heaters:

Air heaters for diesel fuel

Airtronic L3	D6L 12 V
Airtronic L3	D6L 12 V VDP
Airtronic L3	D6L 24 V

Order No.

25.2959.05.0000
25.3037.05.0000
25.2960.05.0000

1 Information

1.1 General information

This document is to be used when ordering spare parts for the heaters listed on the title page, to the exclusion of all liability claims.

Depending on the version or revision status of the heater, differences may occur compared to this documentation. Please check this before ordering the spare parts and take any possible differences into account.

1.2 Reference documents

Technical description

Describes the function and proper installation and contains all information necessary for safe operation of the heater.

Repair instructions

Contain the necessary information for troubleshooting and for repair of the heater.

Installation recommendation

Describes vehicle-specific installation situations.

Installation Instructions Plus

Supplementary information on heaters and control units.

1.3 Determining the quantity required for the order

The information in the “quantity per unit” and “quantity per SU” (sales unit) columns is used to determine the quantity of a spare part required and the SU (sales units) to be ordered.

Quantity per unit

The number in this column indicates how many of the spare part concerned are installed in the whole unit.

Quantity per SU

The number in this column indicates how many of the spare part concerned are contained in one SU (sales unit).

Order No. (SU)

The order number refers to an SU.

1.4 Using the nameplate to determine the production date

To place the spare parts order correctly, in some cases it is necessary to determine the production date of the heater before ordering the spare part. There are two options for doing this on the heater's nameplate.



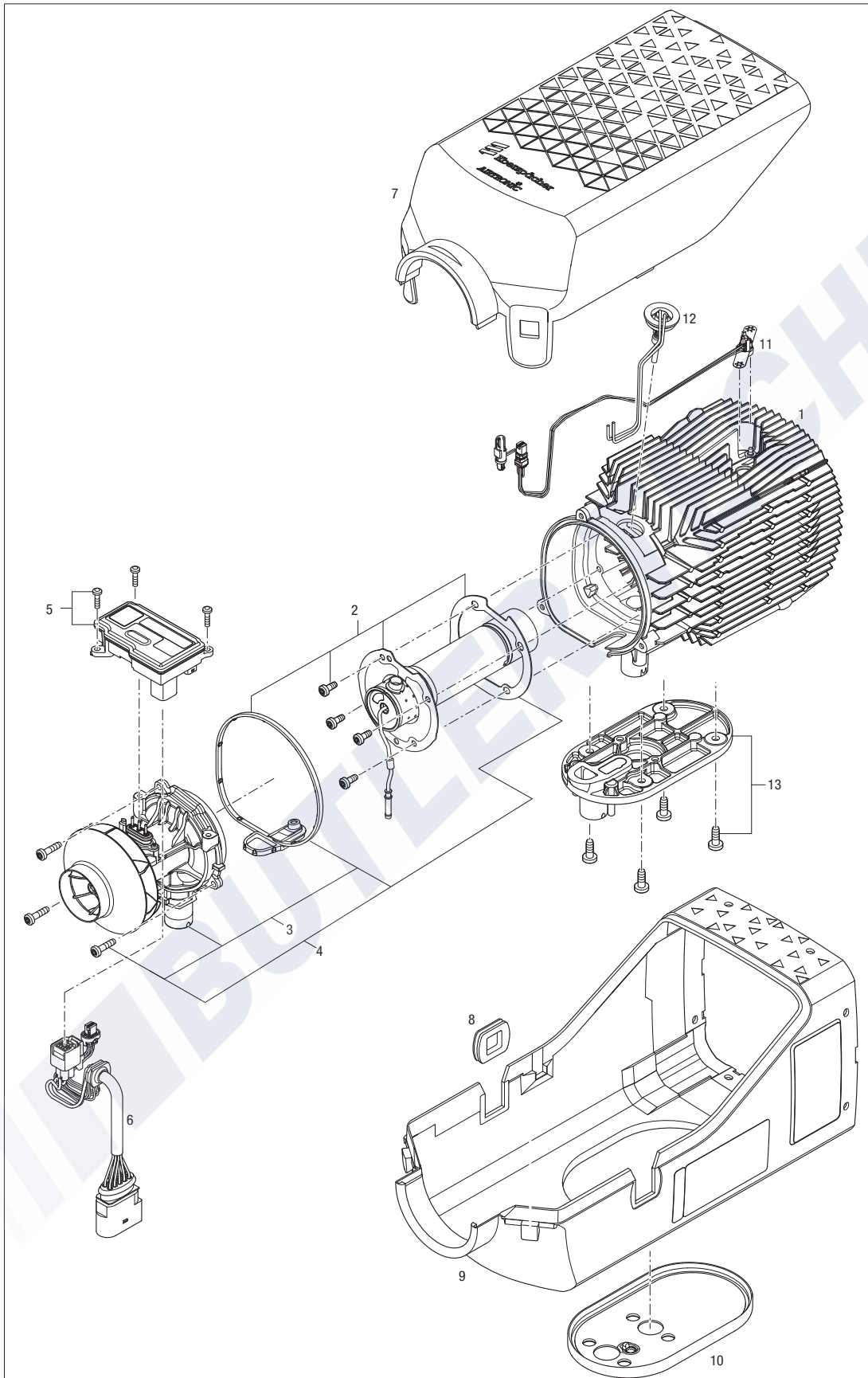
1 Determination of the calendar week

- Representation of the production calendar week as a four-digit number (e.g. “1118” = calendar week 11 in year 2018)

2 Determining the date

- Scan the QR code with a QR code reader.
- The production date is given by the 8-digit representation of the date in the third from last position of the read out text (e.g. “14032018” = 14 March 2018)

2.1.2 Airtronic L3 D6L



2.2 Spare parts list

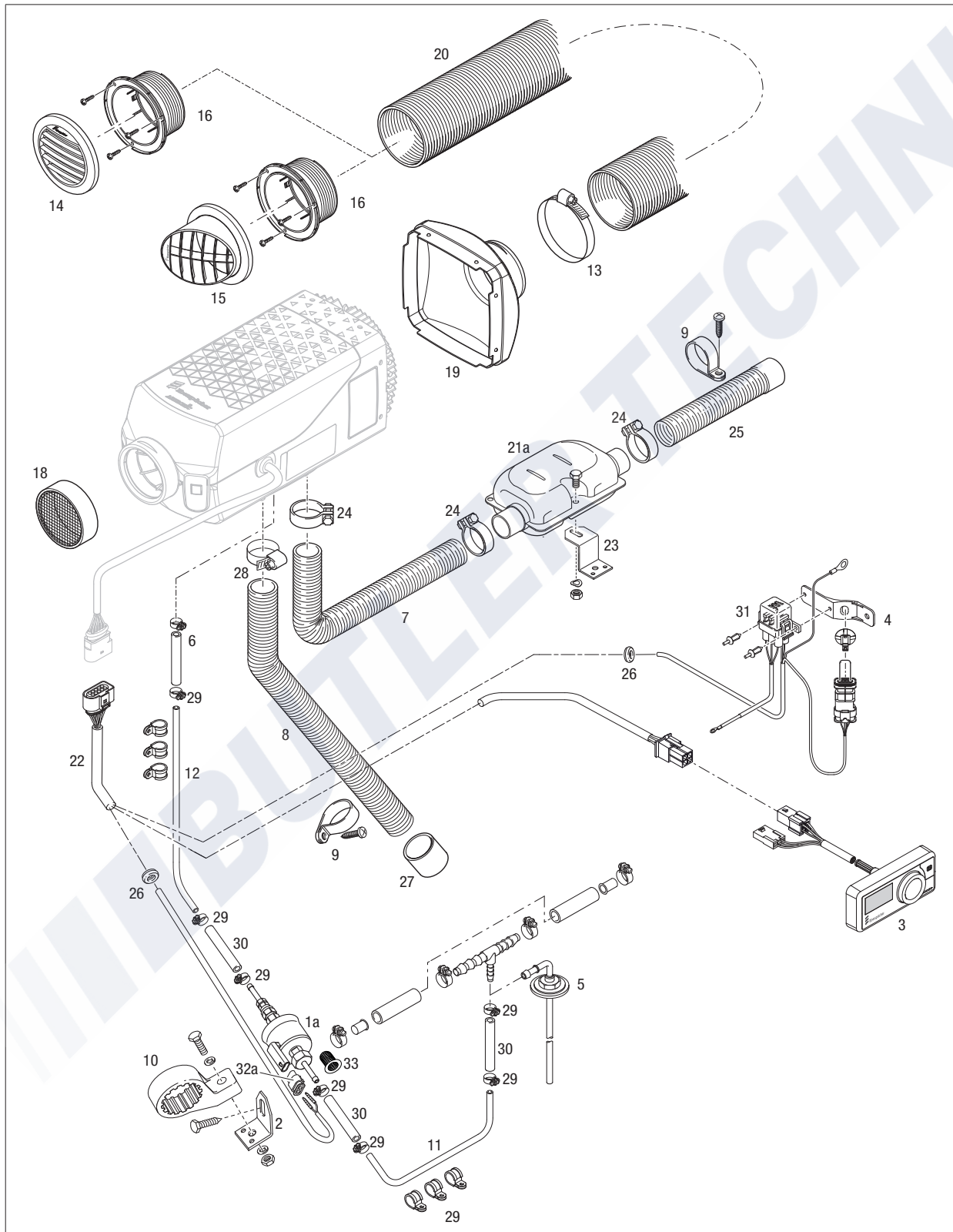
Item No.	Quantity per unit	Quantity per SU	Designation	Order No. (SU)	For unit																			
					D2L, 12 V	D2L, 12 V	D2L, 12 V VDP	D2L, 24 V	D2L, 24 V ADR	D4L, 12 V	D4L, 12 V VDP	D4L, 24 V	D4L, 24 V ADR	D4R, 12 V	D4R, 12 V VDP	D4R, 12 V CI	D4R, 24 V	D6L, 12 V	D6L, 12 V VDP	D6L, 24 V	D8L, 24 V	B2L, 12 V	B4L, 12 V	B4R, 12 V
1	1	1	Heat exchanger incl. screws, and thermal separation combustion chamber	25.2953.99.0601	•	•																		
				25.2955.99.0601						•	•	•	•	•	•	•						•		•
				25.2959.99.0601														•	•	•				
				25.3020.06.0000																	•			
2	1	1	Combustion chamber incl. screws, blower seal, and thermal separation combustion chamber	20.2029.99.1000	•	•	•	•	•												•			
				25.2953.99.1000																				
				20.2030.99.1000																			•	•
				25.2955.99.1000						•	•	•	•	•	•	•								
				25.2959.99.1000														•	•	•				
3	1	1	Blower 12 V incl. screws and blower seal	25.2953.99.1500	•	•	•														•			
				25.2955.99.1500						•	•												•	
				25.2957.99.1500										•	•	•								•
				25.2959.99.1500														•	•					
			Blower 24 V incl. screws and blower seal	25.2954.99.1500				•	•															
				25.2956.99.1500								•	•											
				25.2958.99.1500													•							
				25.2960.99.1500																•				
4	1	1	Blower seal incl. blower screws, and thermal separation combustion chamber	25.2953.99.0603	•	•	•	•	•		•	•	•	•	•	•	•				•			
				25.2955.99.0603							•	•	•	•	•	•							•	•
				25.2959.99.0603														•	•	•	•			
5	1	1	Control box 12 V incl. screws	20.2029.99.5000																	•			
				25.2953.99.5000	•	•																		
				25.3034.99.5000			•																	
				20.2030.99.5000																			•	
				20.2031.99.5000																				•
				25.2955.99.5000						•														
				25.2957.99.5000										•										
				25.3035.99.5000							•													
				25.3036.99.5000											•									
				25.2959.99.5000														•						
				25.3037.99.5000															•					
				25.3051.99.5000											•									
			Control box 24 V incl. screws	25.2954.99.5000			•																	
				25.3038.99.5000				•																
				25.2956.99.5000							•													
				25.2958.99.5000									•					•						
				25.3039.99.5000										•										
				25.2960.99.5000																•				
				25.3020.99.5000																	•			

Item No.	Quantity per unit	Quantity per SU	Designation	Order No. (SU)	For unit																	
					D2L, 12 V	D2L, 12 V	D2L, 12 V VDP	D2L, 24 V	D2L, 24 V ADR	D4L, 12 V	D4L, 12 V VDP	D4L, 24 V	D4L, 24 V ADR	D4R, 12 V	D4R, 12 V VDP	D4R, 12 V CI	D4R, 24 V	D6L, 12 V	D6L, 12 V VDP	D6L, 24 V	D8L, 24 V	B2L, 12 V
6	1	1	Cable harness heater	25.2953.99.0102 25.2959.99.0102	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
7	1	1	Jacket shell, top	25.2953.01.0101 25.2955.01.0101 25.2959.01.0101	•	•	•	•	•		•	•	•	•	•	•	•			•		•
8	1	1	Grommet, cable outlet	25.2069.00.0001	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9	1	1	Jacket shell, bottom	25.2953.01.0102 25.2955.01.0102 25.2959.01.0102	•	•	•	•	•		•	•	•	•	•	•	•			•		•
10	1	1	Seal, flange	25.2069.01.0002 25.2959.01.0003 25.3020.01.0003	•	•	•	•	•	•	•	•	•	•	•	•		•		•	•	•
11	1	1	Combination sensor (incl. air inlet sensor and installation tool)	25.2953.99.4000 25.2959.99.4000	•	•	•	•	•	•	•	•	•	•	•	•		•		•	•	•
12	1	1 V	Glow plug with grommet	12 V 20.2029.99.0104 24 V 25.2954.99.0104	•	•	•		•	•			•	•	•		•	•		•	•	•
13	1	1	Heat exchanger base, flange plate incl. screws	25.2959.99.0104 25.3020.01.0004													•	•	•			•

3 Electrics, fuel, hot air and combustion air system

3.1 Spare parts diagram

3.1.1 Airtronic L3 D6L



3.2 Spare parts list

					For unit																				
Item No.	Quantity per unit	Quantity per SU	Designation	Order No. (SU)	D2L, 12 V	D2L, 12 V	D2L, 12 V VDP	D2L, 24 V	D2L, 24 V ADR	D4L, 12 V	D4L, 12 V VDP	D4L, 24 V	D4L, 24 V ADR	D4R, 12 V	D4R, 12 V VDP	D4R, 12 V CI	D4R, 24 V	D6L, 12 V	D6L, 12 V VDP	D6L, 24 V	D8L, 24 V	B2L, 12 V	B4L, 12 V	B4R, 12 V	
1a	1	1	Fuel metering pump, 12 V	22.4552.03.0000	•	•				•				•		•						•	•	•	
				22.4555.01.0000			•				•				•										
				22.4550.05.0000														•							
				22.4554.01.0000																•					
1b			Fuel metering pump, 24 V	22.4553.01.0000				•	•			•	•				•								
				22.4551.01.0000																•					
				22.4618.01.0000																	•				
2	1	1	L-bracket, fuel metering pump	20.1348.03.0004	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
3	1	1	Control unit EasyStart Pro (optional)	22.1000.35.2200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
4	1	1	Bracket diagnostic connector, combi-clip	22.1000.51.4900	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
5	1	1	Fuel remover	25.1226.89.5000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
6	1	1	Hose connection kit, fuel line	22.9000.20.0457	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
7	1	1	Exhaust pipe, flexible di = 24 mm, L = 900 mm	360.61.274	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•			•	•	
			Exhaust pipe, flexible di = 30 mm	22.1000.40.7200																	•				
8	1	1	Flexible pipe, Ø 25 mm	360.00.006	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
9	1	20	Pipe clip	152.09.010	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
10	1	1	Bracket fuel metering pump	22.1000.50.0300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	
				22.1000.50.0700																	•				
11	1	8 m	Fuel pipe, intake line 4 x 1 mm	890.31.054	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
12	1	8 m	Fuel pipe, discharge line 4 x 1 mm	890.31.054	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•
			4 x 1.25 mm	890.31.123																		•			
13	1	1	Hose clip 50 – 70 mm	10.2067.05.0070	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
			70 – 90 mm	10.2067.07.0090	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
14	1	1	Air outlet, straight, rotatable																						
			Ø 60 mm	22.1000.01.0044				•	•	•	•									•	•			•	•
			Ø 75 mm, Ø 90 mm	22.1000.01.0052	•	•	•					•	•	•	•	•	•	•	•	•		•			
14a			Ø 100 mm	22.1000.01.0700																	•				
15	1	1	Air outlet, angled, rotatable																						
			Ø 60 mm	22.1000.01.0056				•	•	•	•									•	•			•	•
			Ø 75 mm, Ø 90 mm	22.1000.01.0060	•	•	•					•	•	•	•	•	•	•	•			•			
16	1	1	Connection socket Ø 60 mm	22.1000.01.0035				•	•	•	•									•				•	•
			Ø 90 mm	22.1000.01.0037	•	•	•					•	•	•	•	•	•	•	•		•		•		
			Ø 75 mm	22.1000.01.0036	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
17	1	10	Pipe clip	152.10.069																	•				

Item No.	Quantity per unit	Quantity per SU	Designation	Order No. (SU)	For unit																		
					D2L, 12 V	D2L, 12 V	D2L, 12 V VDP	D2L, 24 V	D2L, 24 V ADR	D4L, 12 V	D4L, 12 V VDP	D4L, 24 V	D4L, 24 V ADR	D4R, 12 V	D4R, 12 V VDP	D4R, 12 V CI	D4R, 24 V	D6L, 12 V	D6L, 12 V VDP	D6L, 24 V	D8L, 24 V	B2L, 12 V	B4L, 12 V
18	1	1	Grille	Ø 60 mm	25.1688.80.0600	•	•	•	•	•											•		
				Ø 75 mm	25.1552.05.0100						•	•	•	•	•	•	•	•			•	•	
				Ø 90 mm	25.1729.80.0001													•	•	•			
19	1	1	Hood	Ø 60 mm	22.1000.01.0016	•	•	•	•	•											•		
				Ø 90 mm	22.1000.01.0019						•	•	•	•	•	•	•					•	•
				Ø 75 mm	22.1000.01.0017	•	•	•	•	•											•	•	
				Ø 75 mm	22.1000.01.0018						•	•	•	•	•	•	•					•	•
				Ø 90 mm	22.1000.01.0086												•	•	•				
				Ø 100 mm	22.1000.01.0087														•				
20	1	1	Flexible pipe	Ø 60 mm	10.2114.31.0000	•	•	•	•	•											•		
				Ø 90 mm	10.2114.37.0000						•	•	•	•	•	•	•	•	•	•		•	•
				Ø 75 mm	10.2114.34.0000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
				Ø 100 mm	10.2114.38.0000														•				
21a	1	1	Exhaust silencer		25.1864.81.0100	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
21b					25.1806.80.0100															•			
22	1	1	Cable harness heater		25.2720.80.1100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
23	1	1	Bracket exhaust silencer, Z shape		20.1533.88.0007	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
			Bracket exhaust silencer, L shape		20.1348.03.0004	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
24	3	10	Pipe clip exhaust		22.1000.51.4400	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
					22.1000.51.4500															•			
25	1	1	Exhaust pipe with end sleeve, flexible																				
			di = 24 mm, L = 300 mm		20.1731.80.0400	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
			di = 30 mm, L = 1300 mm		22.1000.40.6500															•			
26	2	100	Grommet		20.1280.09.0103	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
27	1	1	End sleeve, combustion air		25.1729.89.0002	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
28	1	10	Hose clip	Ø 20 – 32 mm	10.2067.02.0032	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
29	8	100	Hose clip	Ø 9 mm	10.2068.00.9098	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
30	1	1	Hose	di = 3.5 / 3 mm	360.75.300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
31	1	1	Fuse holder, complete set		22.1000.31.0600	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
32a	1	1	Connection housing kit, metering pump		22.9000.30.0411	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
32b			Adapter cable, metering pump		22.9000.30.0417															•			
33	1	1	Pot-type strainer, metering pump		20.1312.00.0006	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•