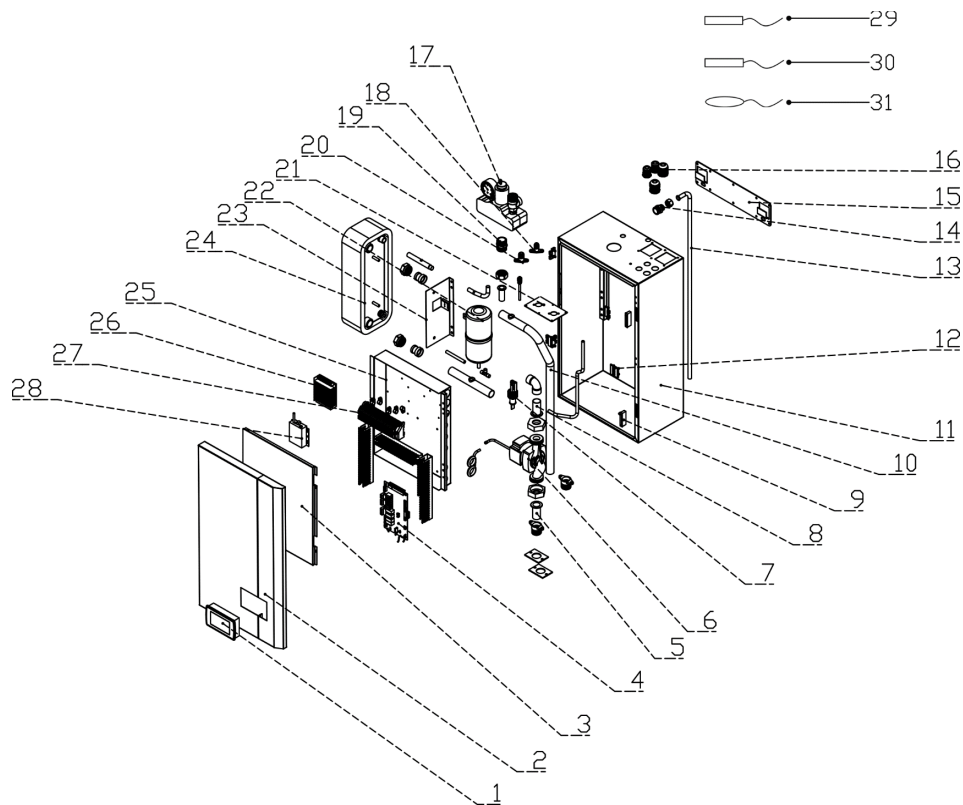


4 NP-V7-S

4.1 Indoor units

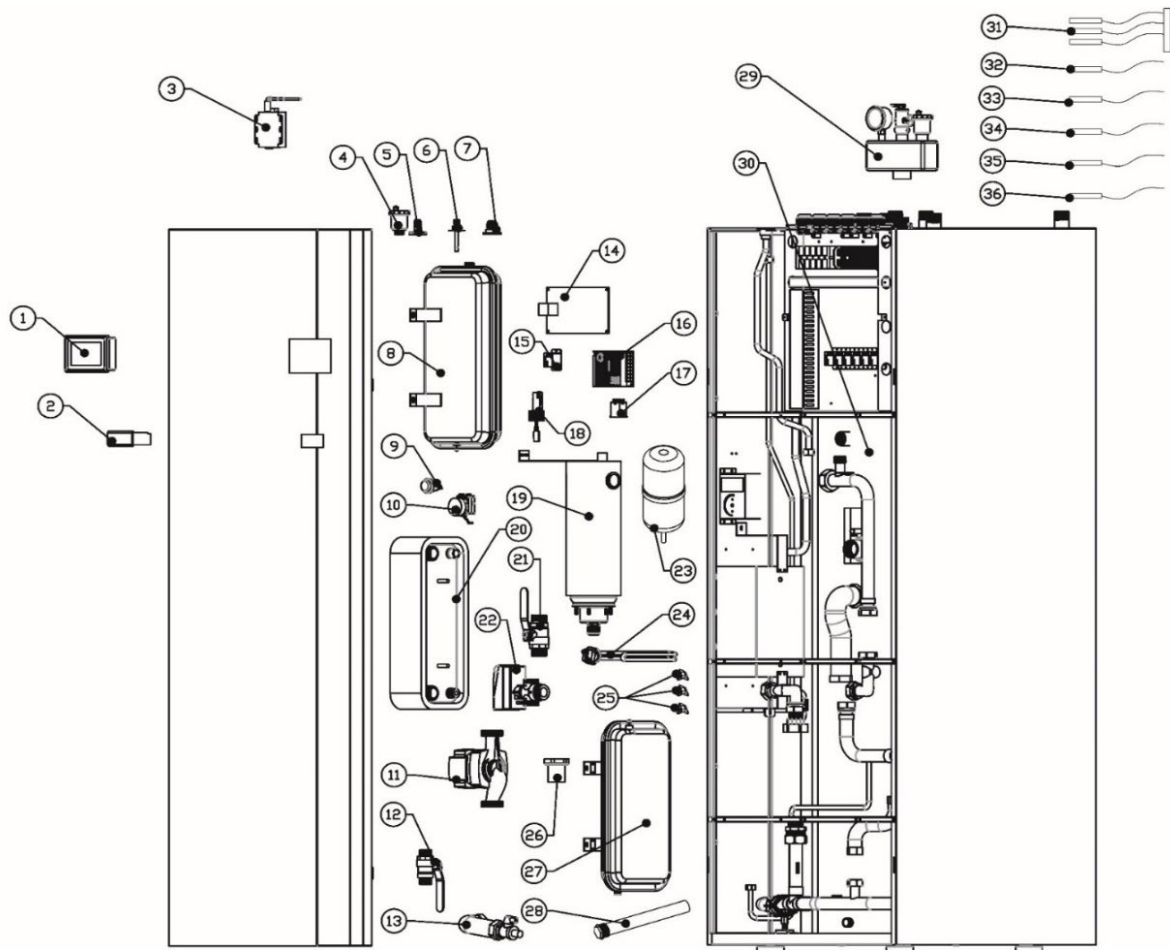
NPH-V7-S - 120270, 120274, 120279



	Article number	Part name	Index number
1	SP230035	Operation panel - Touch screen - V3	
1.1 Alternative 1	SP201001	Operation panel - Touch screen - V2 – WLT-043R-NP00	
4	SP230005	PCB Indoor - V2	
4.1 Alternative 1	SP201002	PCB Indoor	
6	SP203001	Water Pump - Grundfos UPM3K FLEX AS 25-75 180 AZA	
6.1 Alternative	SP220006	Water Pump - SHIMGE-APM25-9-130- NP-V7-S	
7	SP209954	Flow switch - 3/4", L=1,5m, connector	
17	SP203011	Safety valve kit - Afrisio T/P valve	
18 & 20	SP204006	1/4" valve - refrigeration	

	SP204007	3/8" valve - refrigeration
	SP204008	1/2" valve - refrigeration
	SP204009	5/8" valve - refrigeration
19	SP203093	Connector for safety kit G1"
	SP204001	Plate heat exchanger - SWEP,B26H×20 - 6 kW
24	SP204002	Plate heat exchanger - SWEP, B26H×34 - 9/11 kW
	SP204013	Plate heat exchanger - SWEP, B26H×34 - 13 kW
25	SP209008	Electric box NPH
26	SP201003	Transformer - 230VAC / 24VDC 2,2A LRS-50-24
	SP201016	Terminal block - Gray
27	SP201017	Terminal block - Blue
	SP201018	Terminal block - Yellow green
28	SP201012	Wi-Fi module with Antenna - WIFI232-602,RS232
29	SP202001	Temp. sensor SET - Tui/Tuo/Tup, with connector
30	SP202002	Temp. sensor - NTC5K, TV1/TV2, L=1,8m, Copper, with connector
31	SP202003	Temp. sensor - NTC5K, TR, L=1,8m, Rubber, with connector
32	SP210007	Temp. sensor - PT1000, TC/TW, with connector
	SP210008	Front panel for NPH-V7-S

NPT-V7-S - 120271, 120275, 120280

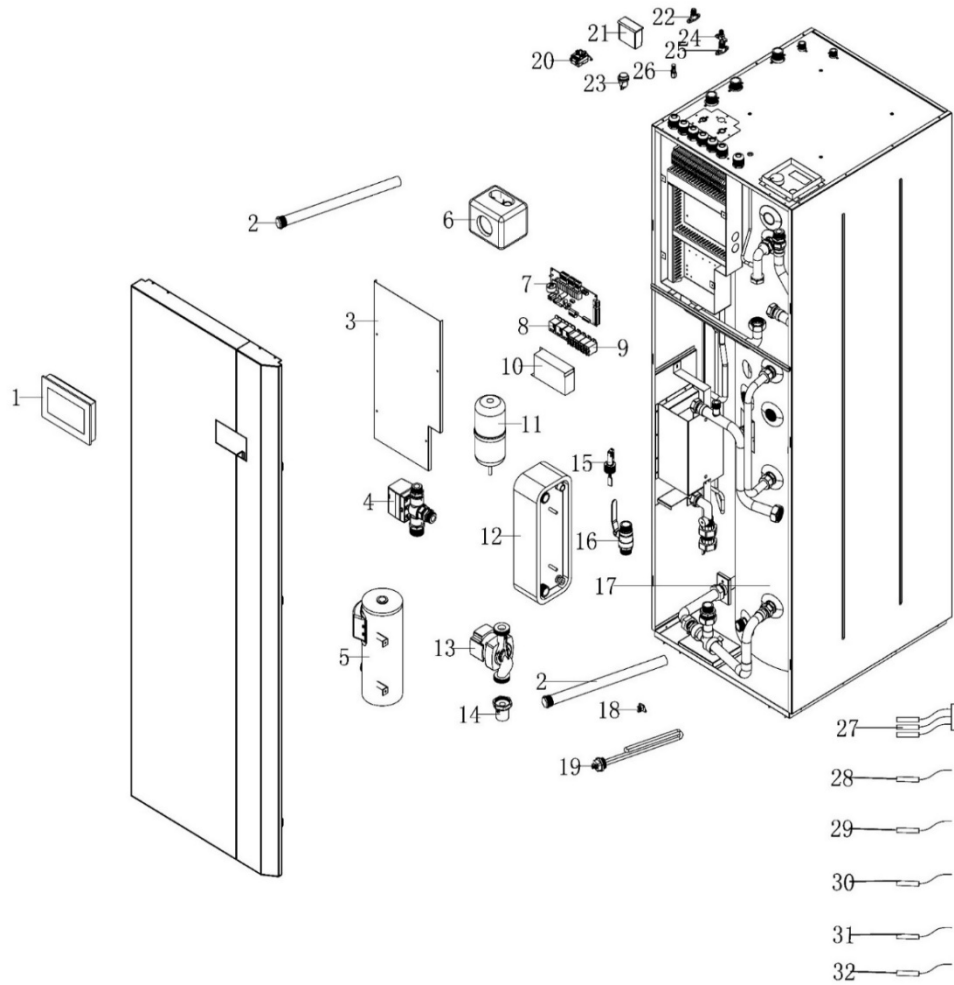


	Article number	Part name	Index number
	1	SP230035	Operation panel - Touch screen - V3
1.1 Alternative 1	SP201001	Operation panel - Touch screen - V2 – WLT-043R-NP00	
	2	SP201006	Thermostat Digital - WS - 600H
	3	SP201012	Wi-Fi module with Antenna - WIFI232-602,RS232
	4	SP203008	Air purging valve - Automatic G1/2" male,6301,10bar-110°C
	5	SP204006	1/4" valve - refrigeration
		SP204007	3/8" valve - refrigeration
	6	SP204012	Service valve - 5/16" male
	7	SP204008	1/2" valve - refrigeration
		SP204009	5/8" valve - refrigeration
	8	SP203009	Expansion vessel 6L
	9	SP201007	Button - electrical switch

10	SP201005	Thermostat Mechanical - WYG P-002,16A,250V,30°C~75°C
11	SP203001	Water Pump - Grundfos UPM3K FLEX AS 25-75 180 AZA
11.1 Alternative	SP220006	Water Pump - SHIMGE-APM25-9-130- NP-V7-S
12	SP203013	Ball valve - Q21F-20T,G3/4"
13	SP203014	Drainage piping with valve
14	SP230005	PCB Indoor - V2
14.1 Alternative 1	SP201002	PCB Indoor
15	SP201009	Relay - JQX-105F-4/220AK-1HST(555) - NO
16	SP201003	Transformer - 230VAC / 24VDC 2,2A LRS-50-24
17	SP201013	Relay - JQX-13F/A220-2Z5
18	SP209954	Flow switch - 3/4", L=1,5m, connector
19	SP201029	Electric Heater Cylinder (with 3x3kW heating element)
19.1	SP201024	Heating element 3x1kW, DN40, 270mm (Heating element only)
	SP201025	Heating element 3x2kW, DN40, 270mm (Heating element only - optional)
	SP201026	Heating element 3x3kW, DN40, 270mm (Heating element only - optional)
20	SP204014	Plate heat exchanger - SWEP,B26H×20 - 6 kW
	SP204015	Plate heat exchanger - SWEP, B26H×34 - 9/11/13 kW
21	SP203006	Ball valve - Q21F-20T,206A,G1"
22	066060	Valve motor LK EMV110M-3V SPST, 230V
	066106	Diverting valve LK 525 MultiZone G1" 3V
	066232	Cabel LK Molex 3x0,75-2000 mm
24	SP201014	Electric Heater - 0,5 kW,G1", 230V
25	SP201004	Overheating Protector - 1NT08L-7544, 90°C cut off, 25A, manual reset
26	SP203005	Ball valve - VG-A12802,G1-1/2"
27	SP203010	Expansion vessel 5L
29	SP203011	Safety valve kit - Afriso T/P valve
30	SP203015	Tank - Stainless steel, 250 L, 2,7 m2 Coil, 600x1780x680
31	SP202001	Temp. sensor SET - Tui/Tuo/Tup, with connector

32	SP202002	Temp. sensor - NTC5K, TV1/TV2, L=1,8m, Copper, with connector
33	SP202003	Temp. sensor - NTC5K, TR, L=1,8m, Rubber, with connector
34	SP210007	Temp. sensor - PT1000, TC/TW, with connector
	181487	Hot water mixing valve - LK, 551 HydroMix 22 klk, 35-55 degrees
	SP209951	Front panel for NPT6/13-V7
	SP203004	Magnesium rod - L=G3/4"-300mm

NPET-V7-S - 120272, 120276, 120281

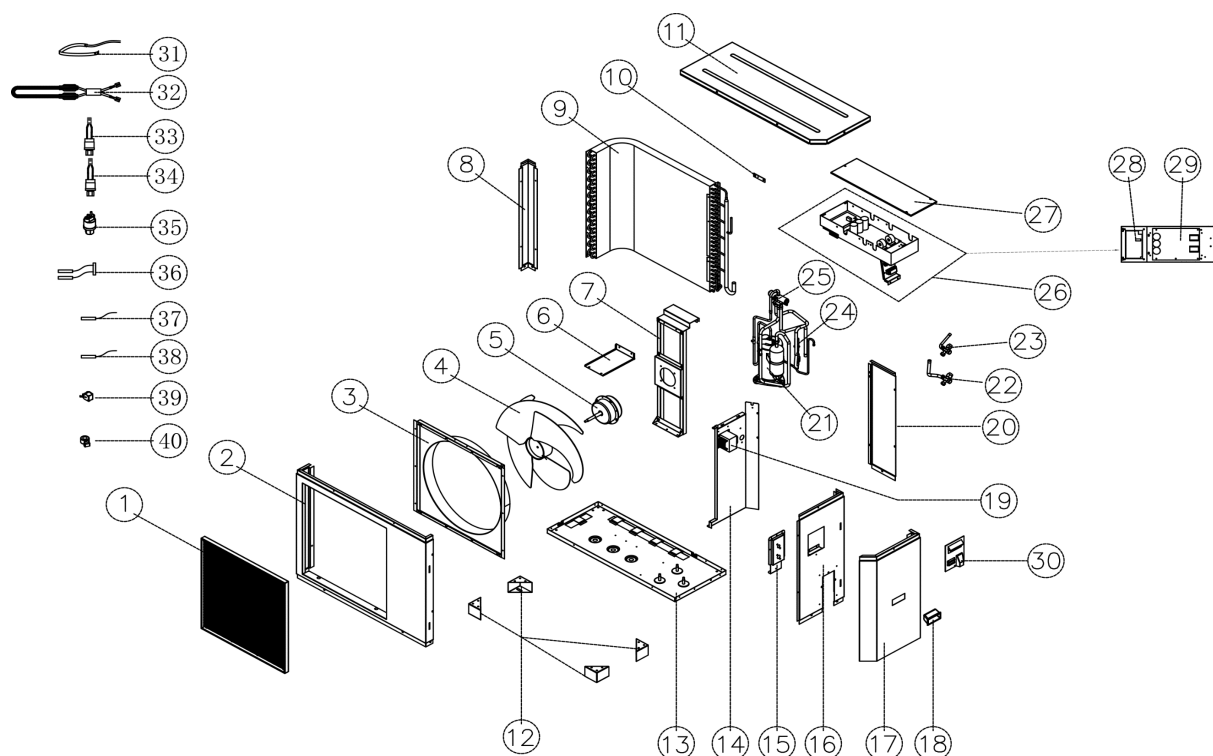


	Article number	Part name	Index number
1	SP230035	Operation panel - Touch screen - V3	
1.1 Alternative 1	SP201001	Operation panel - Touch screen - V2 – WLT-043R-NP00	
1	SP201001	Operation panel - Touch screen - V2 - WLT-043R-NP00	
3	SP209004	Cover - electrical box	
4	SP201011	Diverting valve - SRA13-230F3,3-G1" Female	
	SP201024	Heating element 3x1kW, DN40, 270mm	
5	SP201025	Heating element 3x2kW, DN40, 270mm	
	SP201026	Heating element 3x3kW, DN40, 270mm	
6	SP203007	Safety valve kit - WATTS,T/P valve	
7	SP230005	PCB Indoor - V2	
7.1 Alternative 1	SP201002	PCB Indoor	

8	SP201009	Relay - JQX-105F-4/220AK-1HST(555) - NO
9	SP201010	Relay - HF13F/A240-2Z53 (NC/NO)
10	SP201003	Transformer - 230VAC / 24VDC 2,2A LRS-50-24
12	SP204014	Plate heat exchanger - SWEP,B26H×20 - 6 kW
	SP204016	Plate heat exchanger - GEA, GBH400H-40 (M3-NO3-E4) - 9/11 kW
	SP204015	Plate heat exchanger - SWEP, B26H×34 - 9/11/13 kW
13	SP203001	Water Pump - Grundfos UPM3K FLEX AS 25-75 180AZA
13.1 Alternative	SP220006	Water Pump - SHIMGE-APM25-9-130- NP-V7-S
14	SP203005	Ball valve - VG-A12802,G1-1/2"
15	SP209954	Flow switch - 3/4", L=1,5m, connector
16	SP203006	Ball valve - Q21F-20T,206A,G1"
17	SP203027	Tank - Enameled, 250 L, 2,7 m2 Coil, 600x1860x730
18	SP201004	Overheating Protector - 1NT08L-7544, 90°C cut off, 25A, manual reset
19	SP201015	Electric Heater - 1,5 kW,G1", 230V
20	SP201005	Thermostat Mechanical - WYG P-002,16A,250V,30°C~75°C
21	SP201006	Thermostat Digital - WS-600H
22	SP204006	1/4" valve - refrigeration
	SP204007	3/8" valve - refrigeration
23	SP201007	Button - electrical switch
24	SP204012	Service valve - 5/16" male
25	SP204008	1/2" valve - refrigeration
	SP204009	5/8" valve - refrigeration
26	SP203022	Air purging valve
27	SP202001	Temp. sensor SET - Tui/Tuo/Tup, with connector
29	SP202002	Temp. sensor - NTC5K, TV1/TV2, L=1,8m, Copper, with connector
30	SP202003	Temp. sensor - NTC5K, TR, L=1,8m, Rubber, with connector
31	SP210007	Temp. sensor - PT1000, TC/TW, with connector
32	SP201012	Wi-Fi module with Antenna - WIFI232-602,RS232
	SP203004	Magnesium rod - L=G3/4"-300mm

4.2 Outdoor units

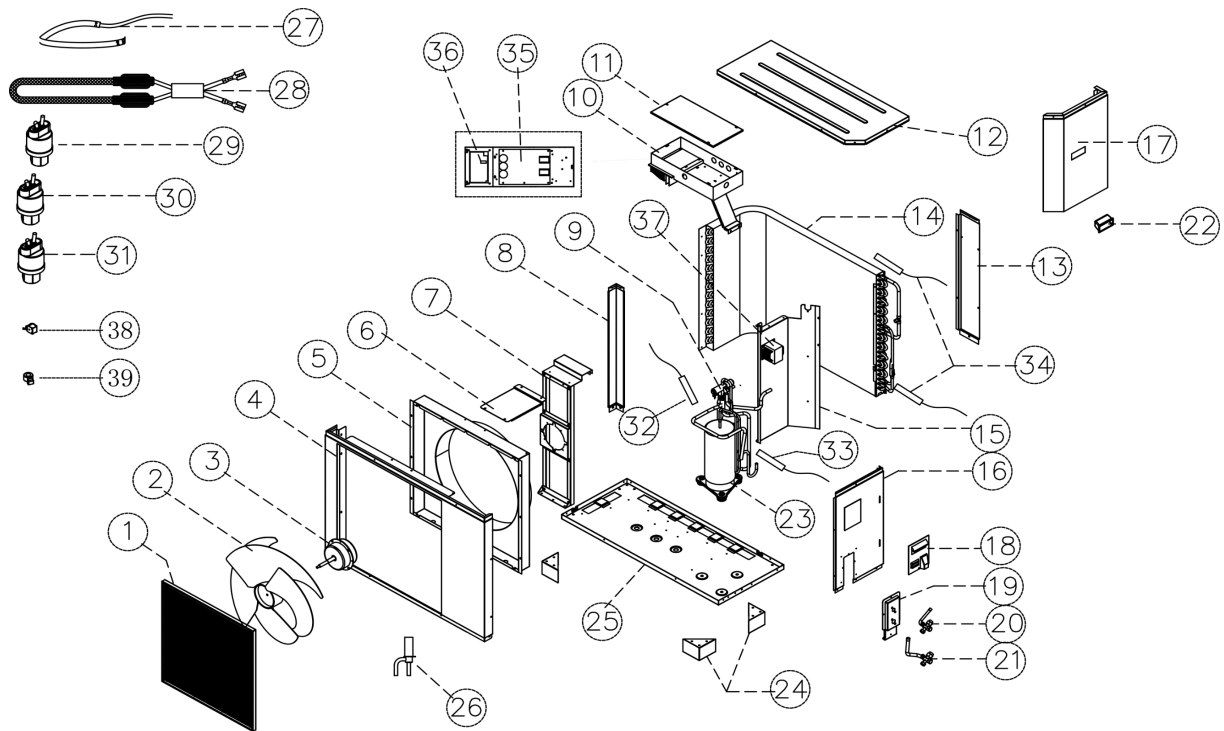
NP6-V7-S – 120273



	Article number	Part name	Index number
1	SP209903	Air Discharge Net - Black	
2	SP209906	Front panel - Light gray	
3	SP209910	Air guide - Black	
4	SP208801	Axial fan blade, $\phi 490 \times 143.5$, ambient temp. range -30°C - 75°C	
5	SP201101	Fan motor, NIDEC SIC-65FV-F160-2/DC310V; 8P; Class E; 750r/m; 60 W	
6	SP204447	Fixture - Fan motor bracket (6kW) - light gray	
7	SP204460	Bracket - fan motor - light gray	
8	SP204459	Column support - light gray	
9	SP204410	Evaporator AVH-06V1DB / Fin:2,0 mm; 625mm X 213mm X 650mm	
10	SP209939	Fixture for Ta temperature sensor - light gray	
11	SP209913	Top panel - Light gray – NP6	
12	SP209929	Feet - light gray	
13	SP209925	Bottom plate - Light gray	

14	SP209935	Bulkhead - Light gray
15	SP209942	Bracket - ref. Valve
16	SP209931	Side panel - Light gray
17	SP209917	Decorative panel - Light gray
18	SP209941	Handle - decorative side panel - standard gray
19	SP201102	PFC transducer
20	SP209921	Back panel - Light gray
21	SP207701	Compressor, MITSUBISHI / SNB130FGAMC
22	SP204454	1/2" valve - Out
23	SP204451	1/4" valve - Out
24	SP204408	EEV
25	SP204406	Four-way valve, SHF-7H-34U-P
27	SP209902	Electric box top cover
28	SP201108	Compressor drive 2AC13134WM1/Emerson
29	SP201104	PCB - Main board - Out 6kW
30	SP209940	Handle - side panel - standard gray
31	SP201110	Compressor heater L=300mm; 30W
32	SP201112	Bottom plate heater L=1060mm; 140W
33	SP204401	High pressure sensor - 35CP02-06158050XS00F5H
34	SP204402	Low pressure sensor - 35CP02-03158020XS00F5H
35	SP204403	High pressure switch - OFF:4,2MPa;ON:3,6MPa
36	SP202201	Temp. sensor - Ta+Tp,NTC5K, Black cable; L=1,8m
37	SP202202	Temp. sensor - Td,NTC50K, Black cable; L=2m
38	SP202203	Temp. sensor - NTC5K, Ts, Black cable; L=1,8m
39	SP204404	Four-way valve coil SQ-A2522G-000190
40	SP201120	EEV Coil
40.1 Alternative	SP204476	EEV Coil - PQ-M10012-001014

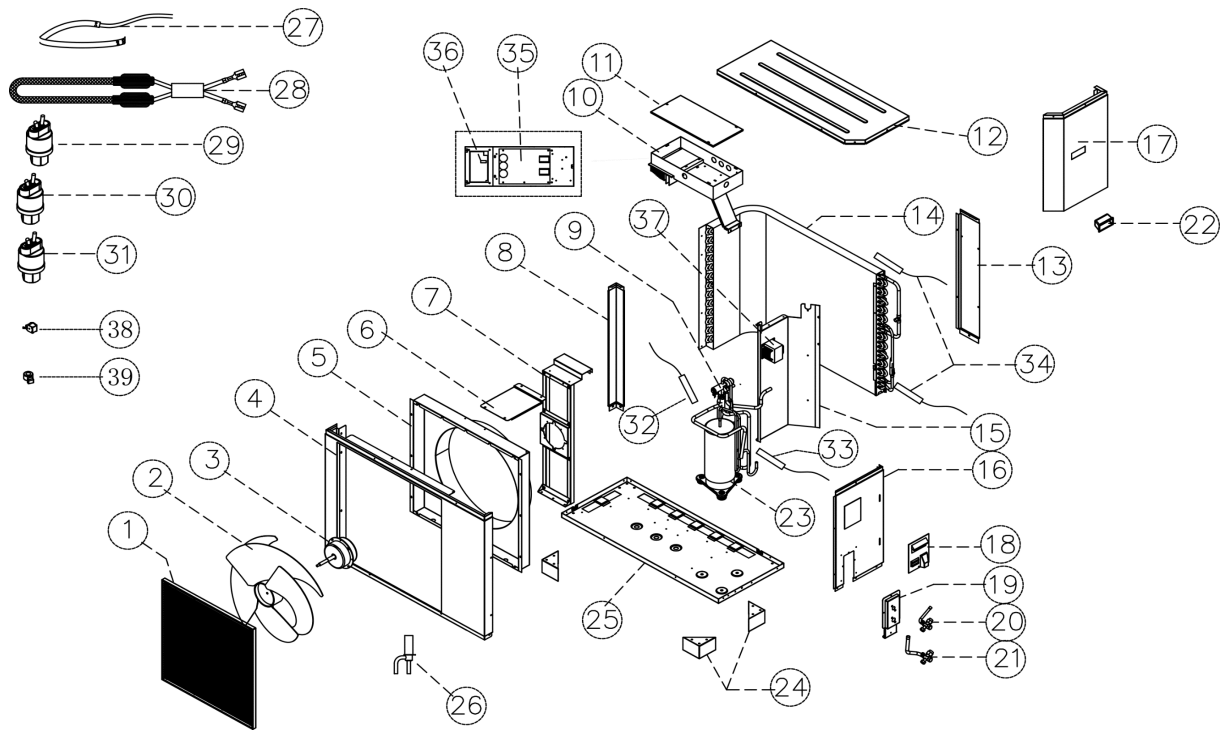
NP9-V7-S - 120277



Article number	Part name	Index number
1	SP209903	Air Discharge Net - Black
2	SP208801	Axial fan blade, $\phi 490 \times 143.5$, ambient temp. range -30°C - 75°C
3	SP201101	Fan motor, NIDEC SIC-65FV-F160-2/DC310V; 8P; Class E; 750r/m; 60 W
4	SP209907	Front panel - Light gray
5	SP209910	Air guide - Black
6	SP204448	Fixture - Fan motor bracket (9kW)- light gray
7	SP204461	Bracket - fan motor - light gray
8	SP204456	Column support - light gray
9	SP204406	Four-way valve, SHF-7H-34U-P
11	SP209902	Electric box top cover
12	SP209914	Top panel - Light gray – NP9
13	SP209922	Back panel - Light gray
14	SP204411	Evaporator AVH-24V1DB / Fin:1,8 mm; 608mm X 320mm X 675mm
15	SP209936	Bulkhead - Light gray
16	SP209932	Side panel - Light gray

17	SP209918	Decorative panel - Light gray
18	SP209940	Handle - side panel - standard gray
19	SP209942	Bracket - ref. Valve
20	SP204452	3/8" valve - Out
21	SP204454	1/2" valve - Out
22	SP209941	Handle - decorative side panel - standard gray
23	SP207702	Compressor, Panasonic / 5KD240XCA21;7280W;DC280V,2405W,R410
24	SP209929	Feet - light gray
25	SP209926	Bottom plate - Light gray
26	SP204409	EEV 2.2C-14, R410A, ϕ 2.2mm core
27	SP201111	Compressor heater L=365mm; 30W
28	SP201112	Bottom plate heater L=1060mm; 140W
29	SP204401	High pressure sensor - 35CP02-06158050XS00F5H
30	SP204402	Low pressure sensor - 35CP02-03158020XS00F5H
31	SP204403	High pressure switch - OFF:4,2MPa;ON:3,6MPa
32	SP202203	Temp. sensor - NTC5K, Ts, Black cable; L=1,8m
33	SP202202	Temp. sensor - Td,NTC50K, Black cable; L=2m
34	SP202201	Temp. sensor - Ta+Tp,NTC5K, Black cable; L=1,8m
35	SP201105	PCB - Main board - Out 9kW
36	SP201109	Compressor drive 2AC13I12WM2/Emerson
37	SP201103	PFC transducer
38	SP204404	Four-way valve coil SQ-A2522G-000190
39	SP201121	EEV Coil

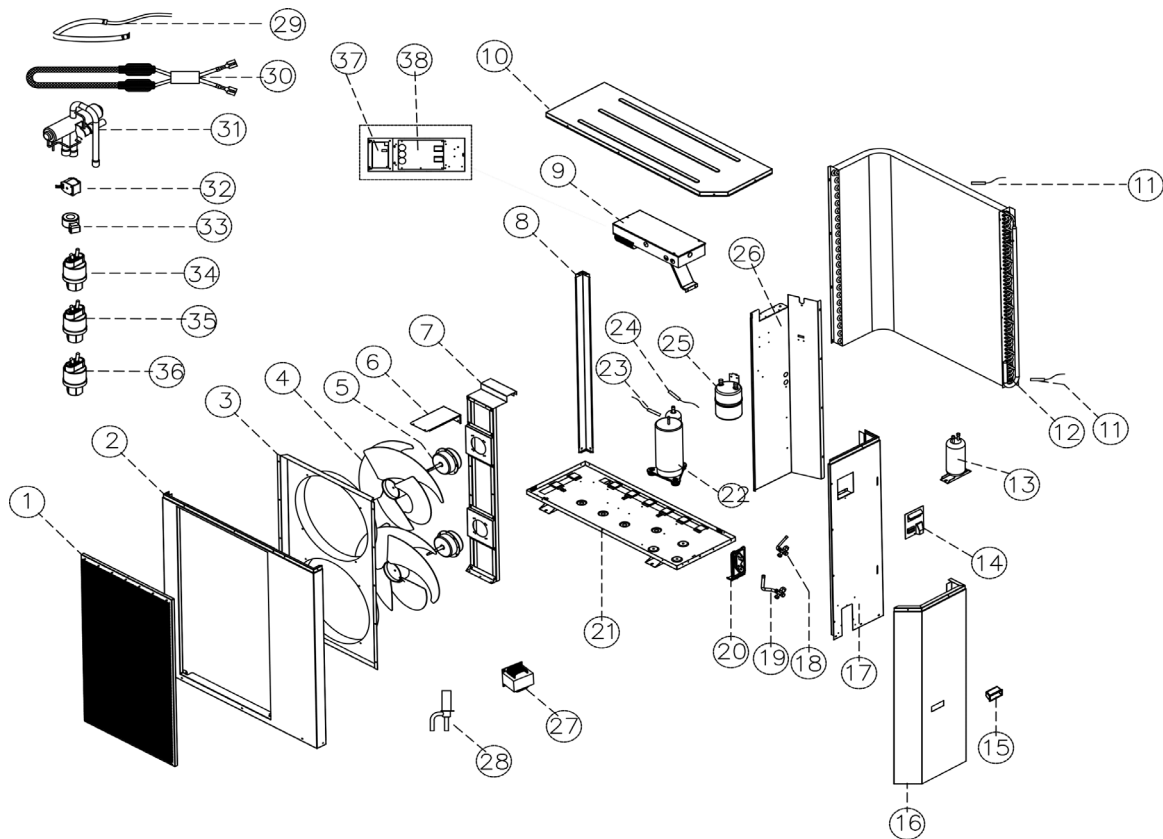
NP11-V7-S - 120278



Article number	Part name	Index number
1	SP209904	Air Discharge Net - Black
2	SP208801	Axial fan blade, $\phi 490 \times 143.5$, ambient temp. range -30°C - 75°C
3	SP201101	Fan motor, NIDEC SIC-65FV-F160-2/DC310V; 8P; Class E; 750r/m; 60 W
4	SP209908	Front panel - Light gray
5	SP209911	Air guide - Black
6	SP204449	Fixture - Fan motor bracket (11kW) - light gray
7	SP204462	Bracket - fan motor - light gray
8	SP204457	Column support - light gray
9	SP204406	Four-way valve, SHF-7H-34U-P
11	SP209902	Electric box top cover
12	SP209915	Top panel - Light gray – NP11
13	SP209923	Back panel - Light gray
14	SP204412	Evaporator AVH-30V1DB / Fin: 1,8; 800mm X 285mm X 675mm
15	SP209937	Bulkhead - Light gray
16	SP209933	Side panel - Light gray

17	SP209919	Decorative panel - Light gray
18	SP209940	Handle - side panel - standard gray
19	SP209942	Bracket - ref. Valve
20	SP204452	3/8" valve - Out
21	SP204454	1/2" valve - Out
22	SP209941	Handle - decorative side panel - standard gray
23	SP207702	Compressor, Panasonic / 5KD240XCA21;7280W;DC280V,2405W,R410
24	SP209930	Feet - light gray
25	SP209927	Bottom plate - Light gray
26	SP204409	EEV 2.2C-14, R410A,φ2.2mm core
27	SP201111	Compressor heater L=365mm; 30W
28	SP201113	Bottom plate heater L=1800mm; 140W
29	SP204401	High pressure sensor - 35CP02-06158050XS00F5H
30	SP204402	Low pressure sensor - 35CP02-03158020XS00F5H
31	SP204403	High pressure switch - OFF:4,2MPa;ON:3,6MPa
32	SP202203	Temp. sensor - NTC5K, Ts, Black cable; L=1,8m
33	SP202202	Temp. sensor - Td,NTC50K, Black cable; L=2m
34	SP202201	Temp. sensor - Ta+Tp,NTC5K, Black cable; L=1,8m
35	SP201106	PCB - Main board - Out 11kW
36	SP201109	Compressor drive 2AC13I12WM2/Emerson
37	SP201103	PFC transducer
38	SP204404	Four-way valve coil SQ-A2522G-000190
39	SP201121	EEV Coil

NP13-V7-S - 120282



	Article number	Part name	Index number
1	SP209905	Air Discharge Net - Black	
2	SP209909	Front panel - Light gray	
3	SP209912	Air guide - Black	
4	SP208801	Axial fan blade, $\phi 490 \times 143.5$, ambient temp. range -30°C - 75°C	
5	SP201101	Fan motor, NIDEC SIC-65FV-F160-2/DC310V; 8P; Class E; 750r/m; 60 W	
6	SP204450	Fixture - Fan motor bracket (13kW) - light gray	
7	SP204463	Bracket - fan motor - light gray	
8	SP204458	Column support - light gray	
9.2	SP209902	Electric box top cover	
10	SP209916	Top panel - Light gray – NP13	
11	SP202201	Temp. sensor - Ta+Tp,NTC5K, Black cable; L=1,8m	
12	SP204413	Evaporator PAVH-36V1DB / Fin: 2,0; 890mm X 320mm X 1150mm	
13	SP204414	Liquid receiver tank 1,5L	

14	SP209940	Handle - side panel - standard gray
15	SP209941	Handle - decorative side panel - standard gray
16	SP209920	Decorative panel - Light gray
17	SP209934	Side panel - Light gray
18	SP204453	3/8" valve - Out
19	SP204455	5/8" valve - Out
20	SP209943	Bracket - ref. Valve
21	SP209928	Bottom plate - Light gray
22	SP207702	Compressor, Panasonic / 5KD240XCA21;7280W;DC280V,2405W,R410
23	SP202202	Temp. sensor - Td,NTC50K, Black cable; L=2m
24	SP202203	Temp. sensor - NTC5K, Ts, Black cable; L=1,8m
25	SP204415	Accumulator tank 1,8L
26	SP209938	Bulkhead - Light gray
27	SP201103	PFC transducer
28	SP204409	EEV 2.2C-14, R410A,φ2.2mm core
29	SP201111	Compressor heater L=365mm; 30W
30	SP201113	Bottom plate heater L=1800mm; 140W
31	SP204407	Four-way valve, SHF-11H-45D1 - 13kW
32	SP204404	Four-way valve coil SQ-A2522G-000190
33	SP201121	EEV Coil
34	SP204401	High pressure sensor - 35CP02-06158050XS00F5H
35	SP204402	Low pressure sensor - 35CP02-03158020XS00F5H
36	SP204403	High pressure switch - OFF:4,2MPa;ON:3,6MPa
37	SP201109	Compressor drive 2AC13I12WM2/Emerson
38	SP201107	PCB - Main board - Out 13kW