

ATLOSON

ILLUSTRATED PARTS CATALOGUE

V5 EN - draft for approval

392 catalogue entries and 391 distinct SKUs. Blue underlined numbers open the purchase page. Select model, voltage, fuel and revision before ordering.

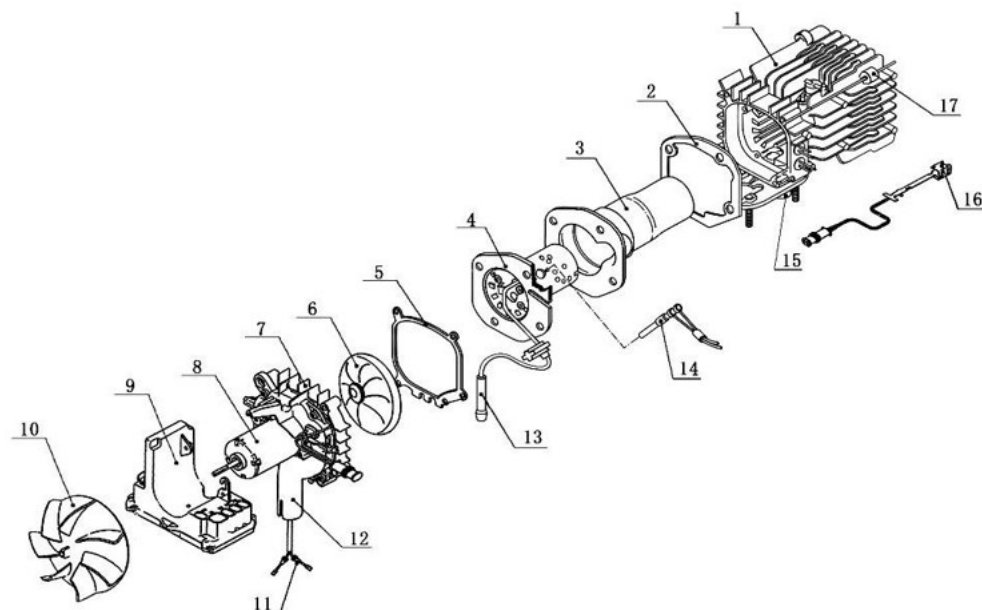
AT11212: two entries use this number. Check the description and link before purchase.

Product range overview

Family	Models covered
VATIRO	T2000, T3000, T4000, T5000
ORCA	UC5000, UC9000, UC16000, UC20000, UC25000, UC30000, UC35000
NERAL	BD4000, BD6000
GREG	L1800
JEELINO	HER301
EMBER	C18, C18H, C22, C22H, P45, SL45
Controller	AT1192

VATIRO T2000

T2000 exploded view



Refer to the manual for item numbers. The figure and parts list must match the supplied revision.

Photo	Reference / purchase	Catalogue description
	AT1003	T2000 MAINTENANCE KIT 12V DIESEL
	AT1004	T2000 MAINTENANCE KIT 12V GASOLINE
	AT1005	T2000 Heater Only diesel 12v
	AT1006	T2000 Heater Only gasoline 12v
	AT1007	T2000 Heater Only diesel 24v
	AT1008	ECU Cover
	AT1009	Top Cover
	AT1010	Supply side hood
	AT1011	Heat exchanger housing
	AT1012	Intake side hood

Photo	Reference / purchase	Catalogue description
	AT1013	Heat exchanger
	AT1014	Blower motor assembly 12v
	AT1015	Blower motor assembly 24v
	AT1017	Flame tube
	AT1018	Burner assembly 12v - DIESEL
	AT1019	Burner assembly 12v - Gsoline
	AT1020	ECU 12v diesel
	AT1021	ECU 24v diesel
	AT1022	ECU 12v gasoline
	AT1023	Cabin air impeller
	AT1024	Blower gasket
	AT1025	Burner gasket
	AT1026	Overheat sensor
	AT1027	Blower motor support frame
	AT1029	Glow pin 12v
	AT1030	Glow pin 24v
	AT1031	Wiring harness 12v (20a)

Photo	Reference / purchase	Catalogue description
	AT1032	Wiring harness 24v (15a)
	ATL1001	T2000 Heater Kit, Air Heater, 2kw, 12v, Diesel, Controller LCD - BT
	ATL100124	T2000 Heater Kit, Air Heater, 2kw, 24v, Diesel, Controller LCD - BT
	ATL1002	T2000 Heater Kit, Air Heater, 2kw, 12v, Gasoline, Controller LCD - BT
	ATM001001	VATIRO T2000 Instruction Manual

VATIRO T4000

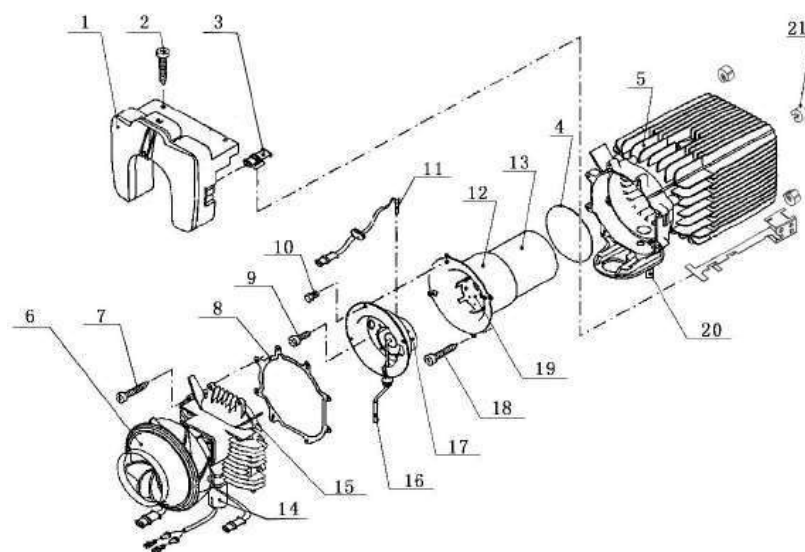
The part photographs below aid identification. For disassembly, use the internal drawing for the revision.

Photo	Reference / purchase	Catalogue description
	AT4003	T4000 MAINTENANCE KIT 12V DIESEL
	AT4004	T4000 MAINTENANCE KIT 12V GASOLINE
	AT4005	T4000 Heater Only diesel 12v
	AT4006	T4000 Heater Only gasoline 12v
	AT4009	T4000 Top Cover
	AT4010	T4000 Supply side hood
	AT4013	T4000 Heat exchanger
	AT4014	T4000 Blower motor assembly 12v
	AT4018	T4000 Burner assembly 12v - DIESEL
	AT4019	T4000 Burner assembly 12v - Gasoline
	AT4020	T4000 ECU 12v diesel
	AT4022	T4000 ECU 12v gasoline
	AT4023	Cabin air impeller
	AT4024	T4000 Blower gasket
	AT4025	T4000 Burner gasket
	AT4026	T4000 Overheat sensor
	AT4027	Blower motor support frame

Photo	Reference / purchase	Catalogue description
	AT4029	T4000 Glow pin 12v
	AT4031	T4000 Wiring harness 12v (20a)
	ATL4001	T4000 Heater Kit, Air Heater, 4kw, 12v, Diesel, Controller LCD - BT
	ATL4002	T4000 Heater Kit, Air Heater, 4kw, 12v, Gasoline, Controller LCD - BT
	ATM001003	VATIRO T4000 Instruction Manual

VATIRO T5000

T5000 family exploded view



Refer to the manual for item numbers. The figure and parts list must match the supplied revision.

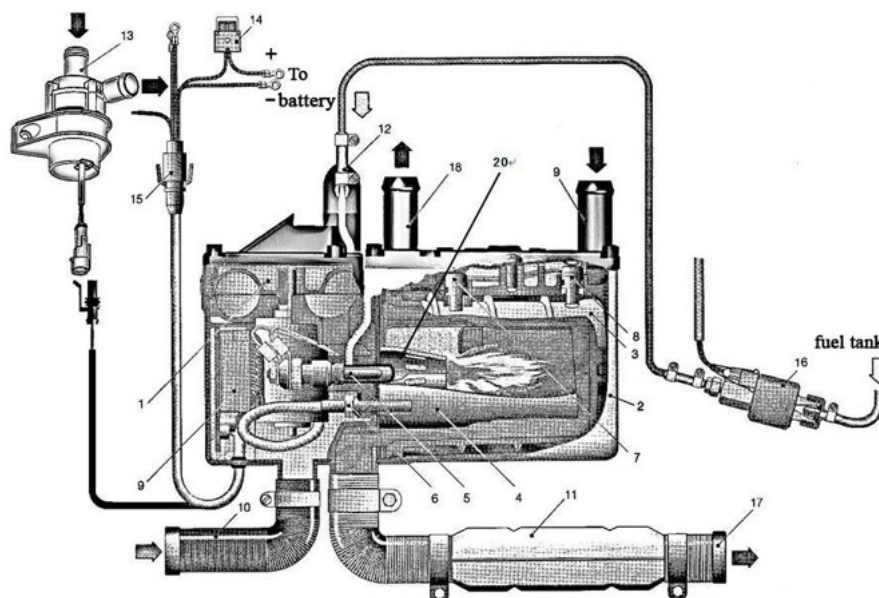
Photo	Reference / purchase	Catalogue description
	AT5003	T5000 MAINTENANCE KIT 12V DIESEL
	AT5004	T5000 MAINTENANCE KIT 12V GASOLINE
	AT5005	T5000 Heater Only diesel 12v
	AT5006	T5000 Heater Only gasoline 12v
	AT5008	ECU Cover
	AT5009	Top Cover
	AT5010	Supply side hood
	AT5013	Heat exchanger
	AT5014	Blower motor assembly 12v
	AT5017	Flame tube
	AT5018	Burner assembly 12v - DIESEL

Photo	Reference / purchase	Catalogue description
	AT5019	Burner assembly 12v - Gsoline
	AT5020	ECU 12v diesel
	AT5022	ECU 12v gasoline
	AT5023	Cabin air impeller
	AT5024	Blower gasket
	AT5025	Burner gasket
	AT5026	Overheat sensor
	AT5029	Glow pin 12v
	AT5031	Wiring harness 12v (20a)
	AT5037	Air duct 90mm*1m
	AT50564	Silicone Heat Resistant Sleeve, 24 mm, 1 m
	AT50565	Silicone Heat Resistant Sleeve, 24 mm, 20 m
	AT50567	Stainless Steel Thru Hull Fitting, 24 mm, 90° Base, Angled Connector, Boltless
	AT50569	T-Joint, 90 mm
	AT50571	Air Duct Elbow Connector, 90 mm
	AT50572	Air Duct Straight Connector, 90 mm
	AT50573	Air Duct Y, 90 mm

Photo	Reference / purchase	Catalogue description
	AT50574	Air Ducting, 90 mm, 5 m Length
	AT505741	Air Ducting, 90 mm, 1 m Length
	ATL5001	T5000 Heater Kit, Air Heater, 5kw, 12v, Diesel, Controller LCD - BT
	ATL5002	T5000 Heater Kit, Air Heater, 5kw, 12v, Gasoline, Controller LCD - BT
	ATM001004	VATIRO T5000 Instruction Manual

ORCA UC5000

Functional section and UC5000 circuit



Refer to the manual for item numbers. The figure and parts list must match the supplied revision.

Photo	Reference / purchase	Catalogue description
	AT1121	UC5000 - MAINTENANCE KIT 12V DIESEL
	AT11212	UC5000 - MAINTENANCE KIT 12V DIESEL
	AT11212	UC5000 - Heater Only 12v Diesel
	AT1122	UC5000 - Heater Only 24v Diesel
	AT1123	UC5000 - Heater Only 12v Gasoline
	AT1125	Coolant pump with support 12V
	AT1126	Coolant pump with support 24V
	AT1127	UC5000 - Flame tube GASOLINE
	AT1128	UC5000 - Flame tube DIESEL
	AT1129	Heat exchanger jacket (outer casing)
	AT1131	Heat exchanger O-ring 74*3mm

Photo	Reference / purchase	Catalogue description
	AT1132	UC5000 - ECU assembly 12V GASOLINE
	AT1133	UC5000 - ECU assembly 12V DIESEL
	AT1134	UC5000 - ECU assembly 24V DIESEL
	AT1135	Combustion blower motor assembly 12V
	AT1136	Combustion blower motor assembly 24V
	AT1137	Air blower assy cover with air intake port
	AT1138	Seal, flame tube and blower assembly
	AT1139	Seal, flame tube to heat exchanger 81.5*69*1mm
	AT1140	Coolant barb O-ring SAE#114 (13*2mm)
	AT1141	Heat exchanger top cover
	AT1142	Top cover for air blower assembly
	AT1143	Flame sensor
	AT1144	Glow plug lining
	AT1145	Glow plug lining O-ring 9*2mm
	AT1147	Glow plug 12V
	AT1148	Glow plug 24V
	AT1149	Glow plug O-ring 8*1mm FPM

Photo	Reference / purchase	Catalogue description
	AT1150	Glow plug connection with fuel intake tube
	AT1151	Glow plug connection O-ring 11*1mm FPM
	AT1152	Temperature and overheat sensor assy
	AT1153	O-ring for temperature and overheat sensors 7.5*2mm
	AT1154	Spring leaf for temperature and overheat sensors
	AT1156	UC5000 - Wiring harness 12V
	AT1157	UC5000 - Wiring harness 24V
	AT1186	Heater mounting bracket
	AT119103	Relay 12V
	AT119104	Relay 24V
	AT119110	Encloruse Box kit
	ATL1005	UC5000 Heater Kit, Coolant Heater, 5kw, 12v, Diesel, Controller LCD - BT
	ATL1006	UC5000 Heater Kit, Coolant Heater, 5kw, 24v, Diesel, Controller LCD - BT
	ATL1007	UC5000 Heater Kit, Coolant Heater, 5kw, 12v, Gasoline, Controller LCD - BT
	ATM001006	ORCA UC5000 Instruction Manual

ORCA UC9000

UC9000 family burner assembly



Refer to the manual for item numbers. The figure and parts list must match the supplied revision.

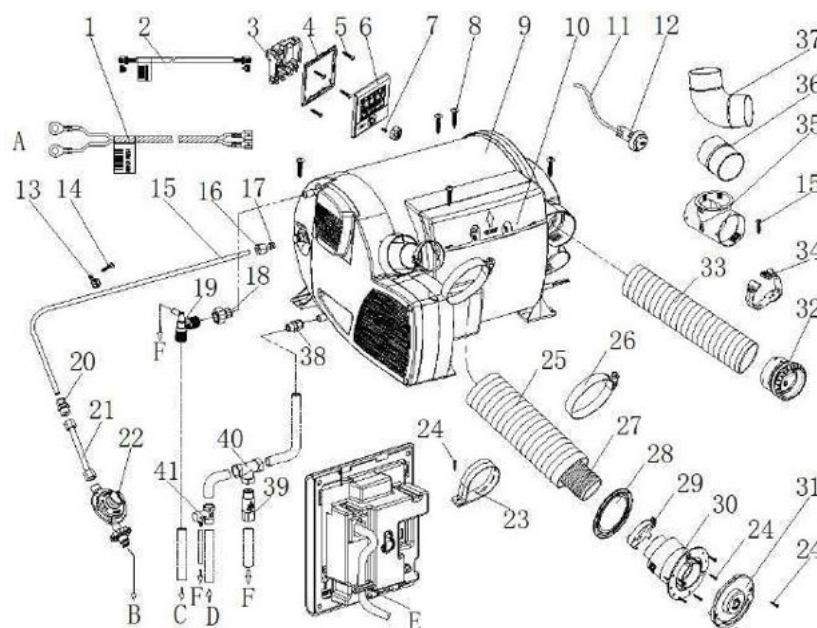
Photo	Reference / purchase	Catalogue description
	AT9121	UC9000 - MAINTENANCE KIT 12V DIESEL
	AT9122	UC9000 - Heater Only 12v Diesel
	AT9123	UC9000 - Heater Only 24v Diesel
	AT9124	Burner Housing
	AT9125	Heater Housing
	AT9126	Heater Inner Housing
	AT9127	Rubber-Lined Clamp
	AT9128	Fan Cover
	AT9129	Combustion Tube Gasket
	AT9130	Flame Sensor
	AT9131	Glow Plug 24V
	AT9132	Glow Plug 12V

Photo	Reference / purchase	Catalogue description
	AT9133	Air Intake Cover
	AT9134	Combustion Tube
	AT9135	Wiring Harness Retaining Plate
	AT9136	Coolant Pump 12V - UC9000
	AT9137	Coolant Pump 24V - UC9000
	AT9138	9 kW Water Pump O-Ring
	AT9139	Coolant Temperature Sensor
	AT9140	Overheat Protection Assembly
	AT9141	Burner UC9000
	AT9142	Fuel Inlet Line
	AT9143	Blower Assembly 12V - UC9000
	AT9144	Blower Assembly 24V - UC9000
	AT9145	Single-Ear Stepless Clamp
	AT9146	Locking Connector Ring
	AT9147	O-Ring Seal - EPDM O-Ring, 105 × 2.65 cm
	AT9148	24V SLM Relay
	AT9149	5A Blade Fuse
	AT9150	UC9000 - ECU assembly 12V
	AT9151	UC9000 - ECU assembly 24V

Photo	Reference / purchase	Catalogue description
	AT9152	Heater Relay Wiring Harness UC9000
	AT9153	Exhaust pipe
	AT9155	Exhaust pipe clamp
	AT9156	Exhaust Muffler UC9000
	AT9162	Fuel Filter 2017
	AT9163	Mount Plate UC9000
	ATL9001	UC9000 Heater Kit, Coolant Heater, 9kw, 12v, Diesel, Controller LCD - BT
	ATL9003	UC9000 Heater Kit, Coolant Heater, 9kw, 24v, Diesel, Controller LCD - BT

NERAL BD6000

BD6000 propane version exploded view

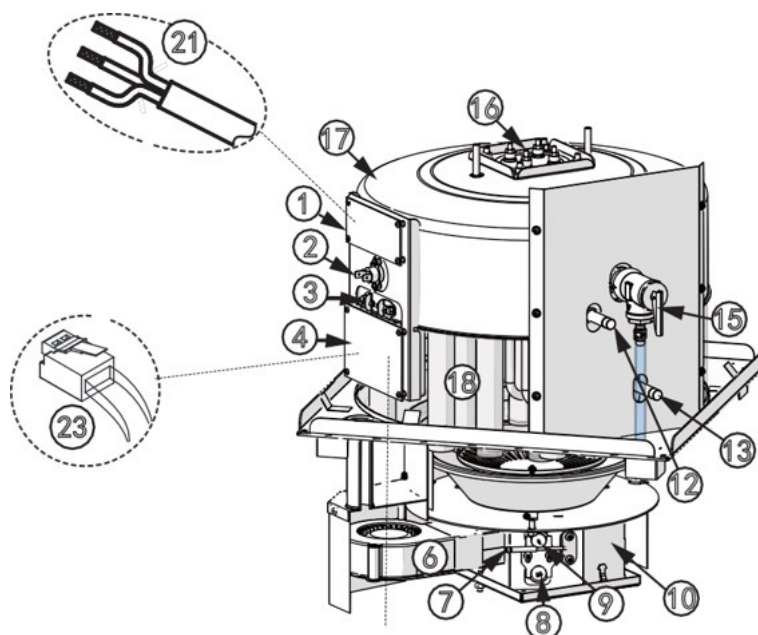


Refer to the manual for item numbers. The figure and parts list must match the supplied revision.

Photo	Reference / purchase	Catalogue description
	AT60031	BD6000 MAINTENANCE KIT 12V DIESEL
	AT60041	BD6000 MAINTENANCE KIT 12V GASOLINE
	AT7005	BD6000 Heater Only Diesel
	AT7006	BD6000 Heater Only Gasoline
	AT7007	BD6000 Heater Only Propane
	AT7023	BD6000 12V Diesel Control Unit
	AT7024	BD6000 12V Gasoline Control Unit
	AT7025	BD6000 12V Propane Control Unit
	ATL7001	BD6000 Heater Kit, Dual Air/Water, 6kw, 12V/120V, Diesel, Controller Digital - BT
	ATL7002	BD6000 Heater Kit, Dual Air/Water, 6kw, 12V/120V, Gasoline, Controller Digital - BT
	ATL7003	BD6000 Heater Kit, Dual Air/Water, 6kw, 12V/120V, Propane, Controller Digital - BT
	ATM001007	NERAL - BD6000 Instruction Manual

GREG L1800

L1800 component identification



Refer to the manual for item numbers. The figure and parts list must match the supplied revision.

Common accessories are at the end of the catalogue. Order internal parts using the rating plate and serial number.

VATIRO T3000

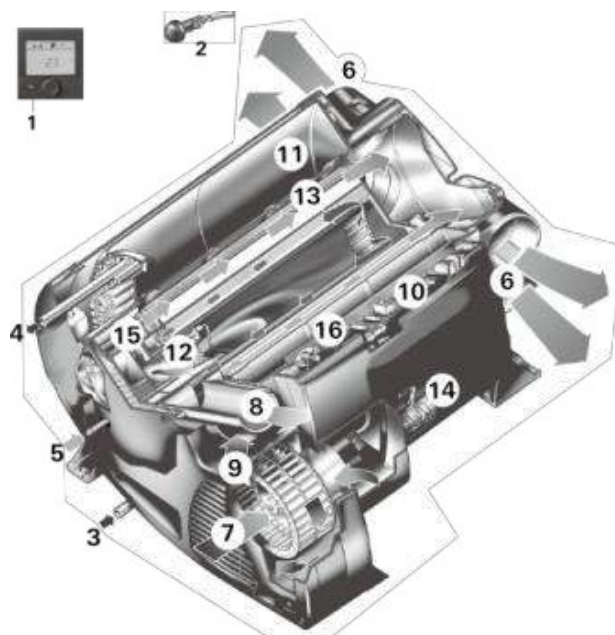
The part photographs below aid identification. For disassembly, use the internal drawing for the revision.

Photo	Reference / purchase	Catalogue description
	AT3003	T3000 MAINTENANCE KIT 12V DIESEL
	AT3004	T3000 MAINTENANCE KIT 12V GASOLINE
	AT3005	T3000 Heater Only diesel 12v
	AT3006	T3000 Heater Only gasoline 12v
	AT3009	T3000 Top Cover
	AT3010	T3000 Supply side hood
	AT3013	T3000 Heat exchanger
	AT3014	T3000 Blower motor assembly 12v
	AT3018	T3000 Burner assembly 12v - DIESEL
	AT3019	T3000 Burner assembly 12v - Gsoline
	AT3020	T3000 ECU 12v diesel
	AT3022	T3000 ECU 12v gasoline
	AT3023	Cabin air impeller
	AT3024	T3000 Blower gasket
	AT3025	T3000 Burner gasket
	AT3026	T3000 Overheat sensor
	AT3027	Blower motor support frame

Photo	Reference / purchase	Catalogue description
	AT3029	T3000 Glow pin 12v
	AT3031	T3000 Wiring harness 12v (20a)
	ATL3001	T3000 Heater Kit, Air Heater, 3kw, 12v, Diesel, Controller LCD - BT
	ATL3002	T3000 Heater Kit, Air Heater, 3kw, 12v, Gasoline, Controller LCD - BT
	ATM001002	VATIRO T3000 Instruction Manual

NERAL BD4000

BD4000 family section view



Refer to the manual for item numbers. The figure and parts list must match the supplied revision.

Photo	Reference / purchase	Catalogue description
	AT6003	BD4000 MAINTENANCE KIT 12V DIESEL
	AT6004	BD4000 MAINTENANCE KIT 12V GASOLINE
	AT6005	BD4000 Heater Only Diesel
	AT6006	BD4000 Heater Only Gasoline
	AT6007	BD4000 Heater Only Propane
	AT6023	BD4000 12V Diesel Control Unit
	AT6024	BD4000 12V Gasoline Control Unit
	AT6025	BD4000 12V Propane Control Unit
	ATL6001	BD4000 Heater Kit, Dual Air/Water, 4kw, 12V/120V, Diesel, Controller Digital - BT
	ATL6002	BD4000 Heater Kit, Dual Air/Water, 4kw, 12V/120V, Gasoline, Controller Digital - BT
	ATL6003	BD4000 Heater Kit, Dual Air/Water, 4kw, 12V/120V, Propane, Controller Digital - BT
	ATM001005	NERAL - BD4000 Instruction Manual

Common accessories and other references

Check applicability and variant on the purchase page. Navigation grouping does not guarantee interchangeability.

Models with accessories grouped here: ORCA UC16000, ORCA UC20000, ORCA UC25000, ORCA UC30000, ORCA UC35000, JEELINO HER301, EMBER C18H, EMBER C18, EMBER C22H, EMBER C22, EMBER P45, EMBER SL45. For internal components, provide SKU, serial number and a rating-plate photo.

Photo	Reference / purchase	Catalogue description
	AT0003	Fuel Line Adapter 90° 7.5mm to 4.5mm
	AT1028	Heat exchanger grommet
	AT10351	TEMPERATURE EXTERNE SENSOR
	AT103516	TEMPERATURE EXTERNE SENSOR
	AT10355	Heater non-plateau to plateau adapter cable
	AT1037	Air duct 60mm*1m
	AT1040	Heater base gasket
	AT1048	Fuel line clamp φ12-14mm
	AT104897	Fuel Tank, 10L, 304 SS-2
	AT104898	Fuel Tank, 10L, 304 SS
	AT1049	Air duct clamp
	AT1050	Air diffuser (grille)
	AT1056	Heater mounting plate
	AT10561	Foam mounthing plate
	AT10562	Mounting Plate L-shaped

Photo	Reference / purchase	Catalogue description
	AT10563	Non return valve
	AT10564	Silicone Heat Resistant Sleeve, 22 mm, 1 m
	AT10565	Silicone Heat Resistant Sleeve, 22 mm, 20 m
	AT10566	Stainless Steel Fuel Tank 10L Gasoline Storage for Parking Heater
	AT10567	Stainless Steel Thru Hull Fitting, 22 mm, 90° Base, Angled Connector, Boltless
	AT10568	harness fuel pump wire cable
	AT10569	T-Joint, 60 mm
	AT1057	Self-drilling self-tapping screw ST5.5×25
	AT10570	Air Duct Connector, 60-90 mm
	AT10571	Air Duct Elbow Connector, 60 mm
	AT10572	Air Duct Straight Connector, 60 mm
	AT10573	Air Duct Y, 60 mm
	AT10574	Air Ducting, 60 mm, 5 m Length
	AT10575	Air Outlet with Adjustable Louvers, 60 mm
	AT10576	Mounting Bracket AIR HEATER
	AT1058	Intake grille
	AT1060	Reducing tee 10-6-10mm

Photo	Reference / purchase	Catalogue description
	AT1146	FUEL TANK 10, PLASTIK
	AT1155	Muffler
	AT1158	Fuel pump 12V
	AT1159	Fuel pump 24V
	AT1160	Fuel pump damper
	AT1161	Fuel pump support
	AT1165	Bolt M6x10mm
	AT1166	Nut M6
	AT1167	Flat washer 6mm*12mm
	AT1168	Split lock washer, M6
	AT1169	Fuel filter
	AT1170	Fuel line φ5x2.0mm L1m
	AT1171	Fuel line φ4mmxφ1.5mm L6m, clear
	AT1172	Fuel line coupling 3.5*9.5*40mm
	AT1173	Fuel line coupling 4.1*10.5*40mm
	AT1174	Fuel line clamp φ8-10mm
	AT1175	Fuel line clamp φ9-11mm

Photo	Reference / purchase	Catalogue description
	AT1176	Coolant hose $\phi 17 \times 26$ mm CR01-5A(EPDM)
	AT1177	Coolant hose clamp $\phi 20$ -32mm
	AT1178	Coolant hose coupling $\phi 20$ mm, L55mm
	AT1179	Coolant hose reducing coupling $\phi 18 \times 20$ mm, L60mm
	AT1180	Air inlet pipe 20.5 x 24mm x L900mm
	AT1181	Air inlet pipe strap
	AT1182	Air inlet pipe clamp $\phi 16$ -25mm
	AT1183	Exhaust pipe
	AT1184	Exhaust pipe strap
	AT1185	Exhaust pipe clamp 24-28mm
	AT1187	Rubber shock absorbers 5*20*4mm
	AT1188	Self-drilling and self-tapping screw ST5.5×30
	AT1189	Fuel pickup tube
	AT1191	4-port bypass valve
	AT119101	Air Intake Silencer
	AT119102	Elbow Connector, 90
	AT119105	Fuel Pump Connector

Photo	Reference / purchase	Catalogue description
	AT119106	Fuse, 24V (15A)
	AT119107	Fuse, 12V (20A)
	AT119108	Fuse Base
	AT119109	Fuse Base 2
	AT1192	Digital control switch, GSM compatible
	AT1193	Check valve
	AT15001	Diagnostics USB Cable
	AT504898	Fuel Tank, 25L, SS
	AT50575	Air Outlet with Adjustable Louvers, 90 mm
	AT6001	NERAL - BD Series Diagnostics USB Cable
	AT6008	Process Air Blower Motor
	AT6009	Combustion Fan O-ring
	AT6010	Water Tank Seal
	AT6013	Intake & Exhaust Bulkhead Fitting
	AT6014	Process Air Impeller
	AT6015	Atomizing Screen
	AT6016	Combustion Air Cowl
	AT6017	Combustion Air Intake Pipe

Photo	Reference / purchase	Catalogue description
	AT6018	60 mm Air Outlet Vent
	AT6019	60 mm Hot Air Duct, 5 m
	AT6020	60 mm Hot Air Duct, 1 m
	AT6021	NERAL Control Panel Digital
	AT6022	Thermostat Extension Cable
	AT6026	Sealing Rubber Spacer
	AT6027	Front Housing Cover
	AT6028	Combustion Blower Cover
	AT6029	Aluminum Heat Shield
	AT6030	Air Intake Grille
	AT6031	Water Temp Sensor
	AT6032	12V Supply Cable
	AT6033	220V AC Power Cable
	AT6034	7 m Fuel Pump Extension Harness
	AT6035	Pressure Safety Valve, 1/2" NPT
	AT6036	Serrated Lock Washer
	AT6037	Nut
	AT6038	M4 Allen Screw

Photo	Reference / purchase	Catalogue description
	AT6039	NERAL Series Fitting Kit
	AT6040	Dual LPG Valve
	AT6041	Socket Head Cap Screw
	AT6042	NERAL 1/2" NPT Compression Adapter
	AT6043	Fuel Line Bracket Gasket
	AT6044	1/2" NPT Freeze Protection Valve
	AT6045	G-Thread Pressure Relief Valve
	AT6046	G-Thread Freeze Protection Valve
	AT6047	Manual Pressure Relief Valve
	AT6048	Heat Sink Base
	AT6049	Thermal Transfer Plate
	AT6050	U-Shaped Heating Element 900W/□230V
	AT6051	U-Shaped Heating Element 900W/□110V
	AT6052	Combustion Blower PIN
	AT6053	Combustion Blower Assembly
	AT6054	Combustion Blower Wheel
	AT6055	Combustion Blower Mounting Bracket
	AT6056	Air Baffle Plate

Photo	Reference / purchase	Catalogue description
	AT6057	Air Guide Plate
	AT6058	Burner Mounting Base
	AT6059	Heating Blower Cover
	AT6060	Combustion Tube Mount
	AT6061	Burner Baffle Plate
	AT6062	H-Type Ignition Electrode
	AT6063	Mesh Burner Cover
	AT6064	Burner Cover Plate
	AT6065	High-Voltage Ignition Coil
	AT6066	Combustion Tube Assembly
	AT6067	Controller Housing Cover
	AT6068	Controller Mounting Bracket
	AT6069	R-Type Cable Clamp
	AT6070	Electric Heater Control Cable
	AT6071	Coolant Overheat Switch Gasket
	AT6072	Coolant Temperature Sensor Gasket
	AT6073	Overheat Switch Retaining Clip
	AT6074	Intake Air Temperature Sensor

Photo	Reference / purchase	Catalogue description
	AT6075	Plate Sealing Compound
	AT6076	Insulating Washer
	AT6077	NERAL BD Water Tank
	AT6078	Snap-Action Temperature Limiter
	AT6079	Tank Overheat Switch Gasket
	AT6080	Safety Switch Wiring Harness
	AT6081	Rear Housing Cover
	AT6082	Air Outlet Cover
	AT6083	Hot Air Combination Sensor
	AT6084	Protective Insulation Sheet
	AT6085	Aluminum Heat Shield
	AT6086	Wiring Harness Sealant
	AT6087	Stainless Steel Gas Flex Hose
	AT6088	Intake & Exhaust Port Assembly - White
	AT6089	Intake & Exhaust Port Assembly - Black
	AT6090	Precision Steel Tube
	AT6091	Straight Adapter Fitting
	AT6092	Intake & Exhaust Port Cover - White
	AT6093	Intake & Exhaust Port Cover - Black

Photo	Reference / purchase	Catalogue description
	AT6094	Hose Clamp
	AT6095	Air Intake Pipe Retaining Clip
	AT6096	Exhaust Pipe
	AT6097	Tee Fitting
	AT6098	Corrugated Tube Retaining Clip
	AT6099	Tank Air Vent Valve
	AT6100	Cooling Fan
	AT6101	Dual Gas Safety Valve
	AT6102	Single-Line Gas Safety Valve Assembly, Ø8 mm
	AT6103	Gas Safety Switch
	AT6104	Gas Safety Switch
	AT6105	Air Pump Assembly
	AT6106	Dual-Line Gas Filter
	AT6107	Gas Cylinder Connection Hose
	AT6108	German-Standard LPG Cylinder Connection Hose
	AT6109	Gas Safety Switch Connection Hose
	AT6110	Flame sensor
	AT6111	Fuse 20A/250V 5*20
	AT6112	Combustion Chamber Assembly

Photo	Reference / purchase	Catalogue description
	AT6113	Thermocouple