

REPAIR PARTS

Outdoor Remote condensing and Heat Pump

MSC092E19MC
MSC122E19MC
MSC123E19MC
MSC183E19MC
MSC243E19MC
MSH092E19MC
MSH122E19MC
MSH123E19MC
MSH183E19MC
MSH243E19MC



This manual is to be used by qualified technicians only.

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Important Information

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Views shown are for parts illustrations only, not servicing procedures.

This system uses R410A refrigerant. If sealed system work is required, use approved equipment and follow service procedures. Refer to Service Manual or Installation Instructions for service procedures.

Text Codes:

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model Nomenclature:

Example

M1 - Model#1

M2 - Model#2

M3 - Model#3

Goodman Manufacturing Company, L.P. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Goodman Manufacturing Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

For assistance within the U.S.A. contact:

Consumer Affairs Department

Goodman Manufacturing Company, L.P.

7401 Security Way

Houston, Texas 77040

877-254-4729-Telephone

713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division

Goodman Manufacturing Company, L.P.

7401 Security Way

Houston, Texas 77040

713-861-2500-Telephone

713-863-2382-Facsimile

Functional Parts

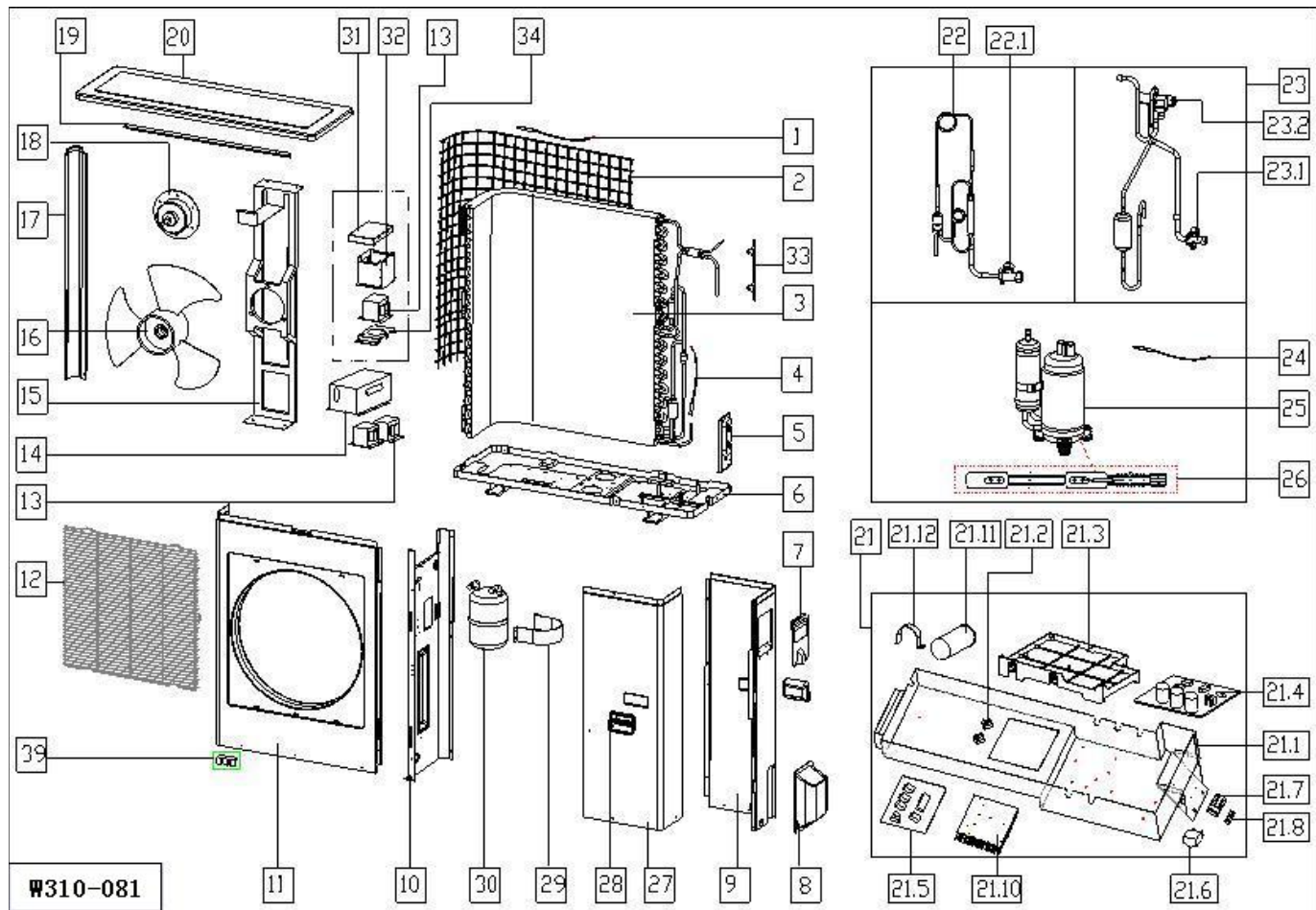
Part

No:

Description:

202400300033	Asynchronous motor (M4, M9)
202400370023	Asynchronous motor (M1, M2, M6, M7, M8)
202400400304	Asynchronous motor (M3)
202400410666	Asynchronous motor (M5, M10)
202401090021	Capacitor of compressor (M1, M2, M6, M7)
202401070068	Capacitor of compressor (M5, M10)
202401000612	Capacitor of compressor (M3, M4, M8, M9)
201400620600	Compressor (M1, M2, M3, M6, M7, M8)
201400600530	Compressor (M4, M9)
201400601740	Compressor (M5, M10)
202403100501	Crankcase electric heater (M8, M9)
202403100503	Crankcase electric heater (M10)
202403100508	Crankcase electric heater (M6, M7)
202301310068	Discharge temperature sensor assembly (M1, M2, M3, M4, M6, M7, M8, M9)
202448200000	Discharge temperature sensor assembly (M5, M10)
202401190019	Fan motor capacitor (M5, M10)
202401200152	Fan motor capacitor (M3)
202301310063	Indoor temperature sensor assembly (M4, M5, M6, M7, M8, M9, M10)
202301300160	Indoor temperature sensor assembly (M1, M2, M3)
201338190054	Inverter control board assembly (M5, M10)
201337390096	Main control board assembly (M8)
201338190016	Main control board assembly (M10)
201338090050	Main control board assembly (M5)
201337890011	Main control board assembly (M4)
201337890010	Main control board assembly (M9)
201337790044	Main control board assembly (M3)
201337590054	Main control board assembly (M6, M7)
201337390140	Main control board assembly (M1, M2)
202301300111	Pipe temperature sensor assembly (M10)
202301300111	Pipe temperature sensor assembly (M5, M10)
202440500004	Pipe temperature sensor assembly (M1, M2, M3, M4, M6, M7, M8, M9, M10)

Unit Assembly



Unit Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

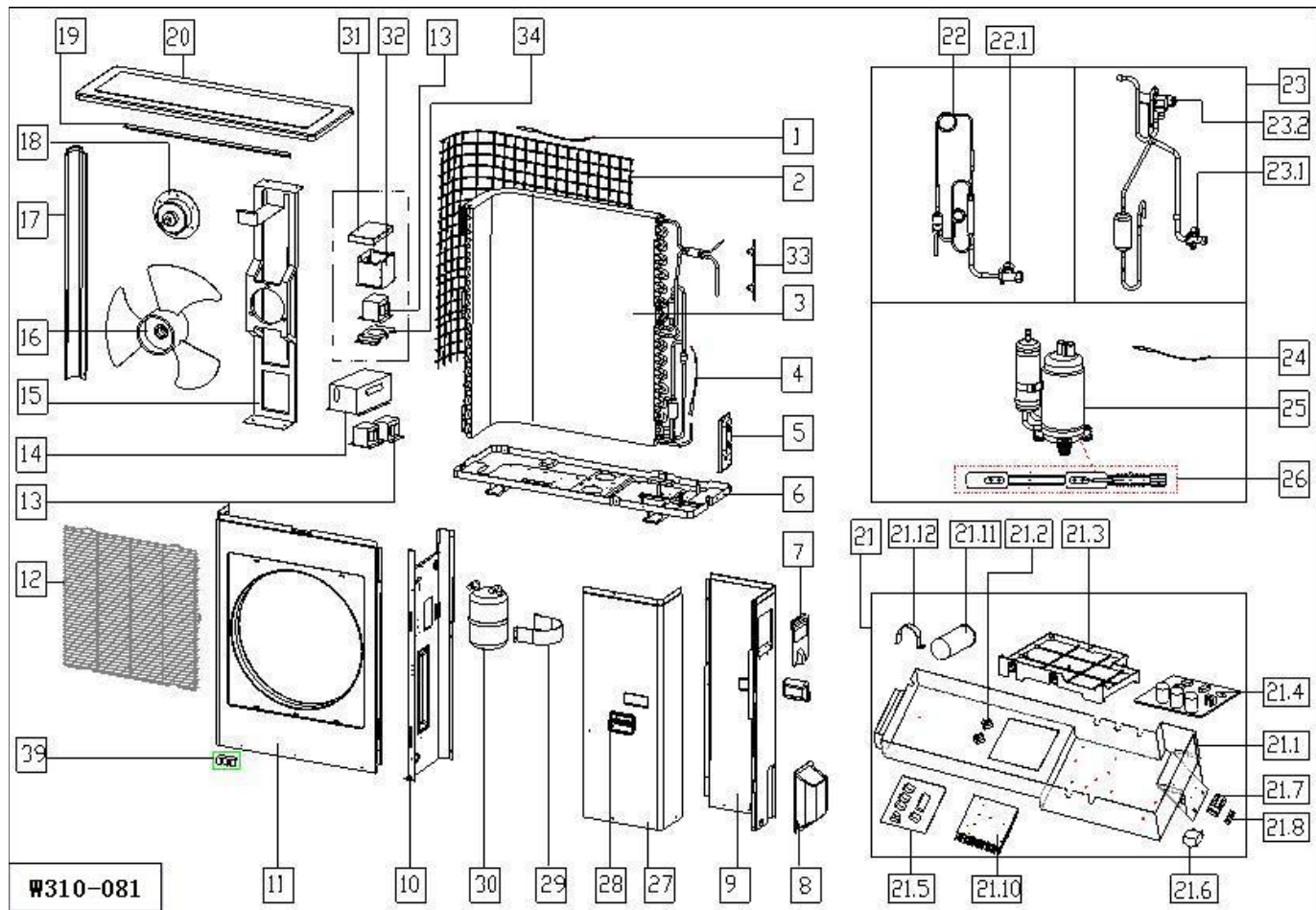
Image 1:

1	201235290217	Big handle
1	201237590051	Chassis assembly (M1, M2, M3, M6, M7, M8)
1	201257090047	Chassis assembly (M4)
1	201257090047	Chassis assembly (M9)
1	201257190079	Chassis assembly (M5, M10)
11	201235100023	Air outlet grille (M1, M2, M3, M6, M7, M8)
11	201235390011	Air outlet grille (M4, M9)
11	201238090041	Air outlet grille (M5, M10)
11	201100300042	Axial flow fan (M5, M10)
11	201100300528	Axial flow fan (M2, M3)
11	201100390002	Axial flow fan (M1, M6, M7, M8)
11	201145500002	Axial flow fan (M4, M9)
11	201257390018	Partition board assembly (M5, M10)
18	202400300033	Asynchronous motor (M4, M9)
18	202400370023	Asynchronous motor (M1, M2, M6, M7, M8)
18	202400400304	Asynchronous motor (M3)
18	202400410666	Asynchronous motor (M5, M10)
21	201637391257	4-way valve assembly (M6)
23	201637391262	4-way valve assembly (M1)
23	201637590195	4-way valve assembly (M8)
23	201637591043	4-way valve assembly (M2)
23	201637591043	4-way valve assembly (M3)
23	201637591079	4-way valve assembly (M7)
23	201637990487	4-way valve assembly (M9)
23	201638090643	4-way valve assembly (M4)
23	201638190294	4-way valve assembly (M10)
31	201601000603	accumulator cylinder (M10)
31	201601000603	accumulator cylinder (M5)
31	201135110801	Clamp of front net
231	201600600119	4-Ways valve (M10)
231	201600690008	4-Ways valve (M6, M7)
231	201600690010	4-Ways valve (M8)
231	201600690011	4-Ways valve (M9)
2111	201200100002	Capacitor clip (M3, M8, M9)
2111	201200100005	Capacitor clip (M1, M2, M6, M7)
2111	201200100026	Capacitor clip (M4)
2111	201200100027	Capacitor clip (M5, M10)
2111	202401000612	Capacitor of compressor (M3, M4, M8, M9)
2111	202401070068	Capacitor of compressor (M5, M10)
2111	202401090021	Capacitor of compressor (M1, M2, M6, M7)

Expanded Model Nomenclature

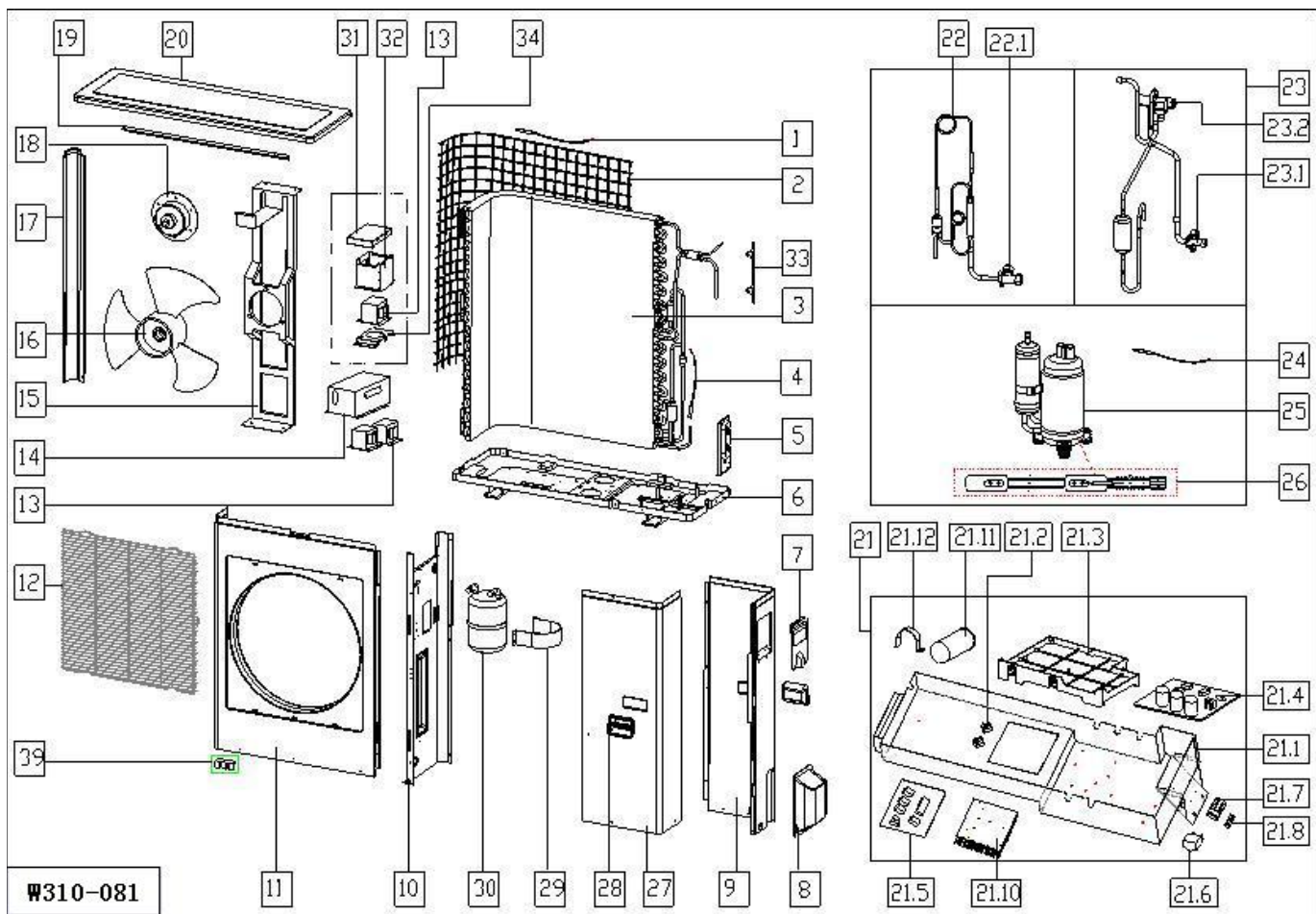
M1 - MSC092E19MC
M2 - MSC122E19MC
M3 - MSC123E19MC
M4 - MSC183E19MC
M5 - MSC243E19MC
M6 - MSH092E19MC
M7 - MSH122E19MC
M8 - MSH123E19MC
M9 - MSH183E19MC
M10 - MSH243E19MC

Unit Assembly



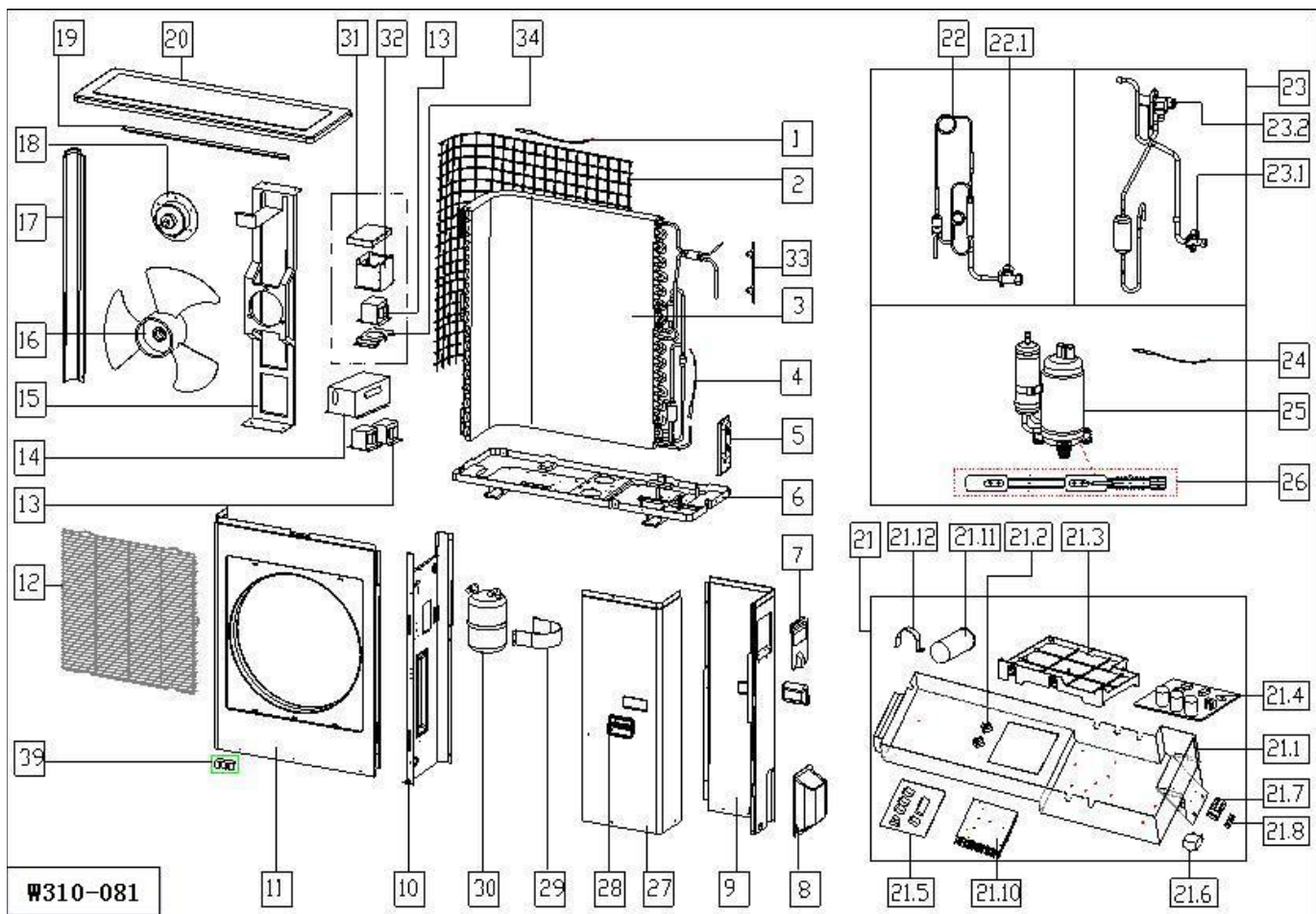
Unit Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
#Error		Expanded Model Nomenclature	
0	202245500001	Fan motor fixing foam (M4, M9)	
Image 1:			
1	201537390033	Condenser assembly (M6)	M1 - MSC092E19MC
1	201537490008	Condenser assembly (M7, M8)	M2 - MSC122E19MC
1	201537890045	Condenser assembly (M1, M2, M3)	M3 - MSC123E19MC
1	201537990036	Condenser assembly (M9)	M4 - MSC183E19MC
1	201538090054	Condenser assembly (M5)	M5 - MSC243E19MC
1	201538090077	Condenser assembly (M10)	M6 - MSH092E19MC
1	201538090085	Condenser assembly (M4)	M7 - MSH122E19MC
11	201248090001	Cover of inductance (M4, M9)	M8 - MSH123E19MC
11	201248390003	Cover of inductance (M5, M10)	M9 - MSH183E19MC
11	201237400029	Front panel (M1, M2, M3, M6, M7, M8)	M10 - MSH243E19MC
11	201248100071	Front panel (M4, M9)	
11	201248200101	Front panel (M10)	
11	201248200101	Front panel (M5, M10)	
21	201400600530	Compressor (M4, M9)	
21	201400601740	Compressor (M5, M10)	
21	201400620600	Compressor (M1, M2, M3, M6, M7, M8)	
21	203337390159	Electronic control box assembly (M8)	
21	203337390181	Electronic control box assembly (M1, M2)	
21	203337590071	Electronic control box assembly (M6, M7)	
21	203337790092	Electronic control box assembly (M3)	
21	203337890266	Electronic control box assembly (M9)	
21	203337890272	Electronic control box assembly (M4)	
21	203338090231	Electronic control box assembly (M5)	
21	203338190091	Electronic control box assembly (M10)	
21	201245000901	Fix clamp of segregator (M5, M10)	
21	201245320903	Front right clapboard assembly (M5, M10)	
24	202301310068	Discharge temperature sensor assembly (M1, M2, M3, M4, M6, M7, M8, M9)	
24	202448200000	Discharge temperature sensor assembly (M5, M10)	
26	202403100501	Crankcase electric heater (M8, M9)	
26	202403100503	Crankcase electric heater (M10)	
26	202403100508	Crankcase electric heater (M6, M7)	
27	2012481G0001	Front right clapboard assembly (M4, M9)	
211	201237300033	Electronic control box (M1, M2, M3, M4, M6, M7, M8, M9)	
211	201238190016	Electronic control box (M5, M10)	
216	202401190019	Fan motor capacitor (M5, M10)	
216	202401200152	Fan motor capacitor (M3)	
NS	201237300162	Cover of electronic control box (M1, M2, M3, M4, M6, M7, M8, M9)	



Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
#Error		Image 1:	
22	201637391258	Liquid valve assembly (M6)	231 201600720201 Gas valve (M7, M8)
Image 1:		231 201600720296	Gas valve (M4, M9)
0	201638090344	Gas valve assembly (M5)	231 201600720398 Gas valve (M5, M10)
1	202301300160	Indoor temperature sensor assembly (M1, M2, M3)	Expanded Model Nomenclature
1	202301310063	Indoor temperature sensor assembly (M4, M5, M6, M7, M8, M9, M10)	
4	202301300111	Pipe temperature sensor assembly (M5, M10)	
4	202301300111	Pipe temperature sensor assembly (M10)	
4	202440500004	Pipe temperature sensor assembly (M1, M2, M3, M4, M6, M7, M8, M9, M10)	
11	201237400028	Left supporter (M1, M2, M3, M6, M7, M8)	
11	201248100070	Left supporter (M4, M9)	
11	201237500201	Partition board assembly (M2)	
11	201237500201	Partition board assembly (M1, M2, M6, M7)	
11	201237500225	Partition board assembly (M3, M8)	
11	201237790031	Partition board assembly (M4, M9)	
17	2012484G0001	Left supporter (M5, M10)	
21	201145400003	Handle (M5, M10)	
22	201637391265	Liquid valve assembly (M1)	
22	201637490232	Liquid valve assembly (M7, M8)	
22	201637591041	Liquid valve assembly (M2, M3)	
22	201637890878	Liquid valve assembly (M9)	
22	201637890894	Liquid valve assembly (M4)	
22	201637990767	liquid valve assembly (M5)	
22	201638090346	liquid valve assembly (M10)	
31	201248390001	Inductance cover (M5, M10)	
31	201250200305	Inductance holder (M5, M10)	
31	201248390002	Protecting board of inductance (M5, M10)	
211	201157390005	Installation plate of PCB (M5, M10)	
211	201135000004	Insulation plate	
211	201338190054	Inverter control board assembly (M5, M10)	
211	201337390096	Main control board assembly (M8)	
211	201337390140	Main control board assembly (M1, M2)	
211	201337590054	Main control board assembly (M6, M7)	
211	201337790044	Main control board assembly (M3)	
211	201337890010	Main control board assembly (M9)	
211	201337890011	Main control board assembly (M4)	
211	201338090050	Main control board assembly (M5)	
211	201338190016	Main control board assembly (M10)	
221	201600740297	Liquid valve (M5, M10)	
221	201600740299	Liquid valve (M4, M9)	
221	201600740523	Liquid valve (M1, M2, M3, M6, M7, M8)	
231	201600720091	Gas valve (M6)	
231	201600720095	Gas valve (M1)	
231	201600720195	Gas valve (M2, M3)	

M1 - MSC092E19MC
M2 - MSC122E19MC
M3 - MSC123E19MC
M4 - MSC183E19MC
M5 - MSC243E19MC
M6 - MSH092E19MC
M7 - MSH122E19MC
M8 - MSH123E19MC
M9 - MSH183E19MC
M10 - MSH243E19MC



Ref. Part			Ref. Part		
No:	No:	Description:	No:	No:	Description:
Image 1:			Image 1:		
1	201235490047	Rear right clapboard assembly (M5, M10)	NS	203337990161	Terminal board assembly (M4, M9)
1	201237590003	Rear right clapboard assembly (M1, M2, M3, M6, M7, M8)	Expanded Model Nomenclature M1 - MSC092E19MC M2 - MSC122E19MC M3 - MSC123E19MC M4 - MSC183E19MC M5 - MSC243E19MC M6 - MSH092E19MC M7 - MSH122E19MC M8 - MSH123E19MC M9 - MSH183E19MC M10 - MSH243E19MC		
1	201235000018	Valve plate (M4, M9)			
1	201235120614	Valve plate (M1, M2, M3, M6, M7, M8)			
1	201245370923	Valve plate (M5, M10)			
1	201135270201	Water collector (M1, M2, M3, M6, M7, M8)			
1	201135290005	Water collector (M9)			
1	201135290005	Water collector (M4)			
1	201135490001	Water collector (M5, M10)			
2	2011374G0003	Rear net (M1, M2, M3, M6, M7, M8)			
2	2011482G0001	Rear net (M5, M10)			
9	20123789G001	Rear right clapboard assembly (M4, M9)			
11	201248100076	Rear supporter (M4, M9)			
11	201248200095	Rear supporter (M5, M10)			
11	201237390016	Supporter assembly of fan motor (M2, M3)			
11	201237390026	Supporter assembly of fan motor (M6, M7, M8)			
11	201238090007	Supporter assembly of fan motor (M5, M10)			
11	201257090031	Supporter assembly of fan motor (M4, M9)			
13	202301000819	Reactance (M4, M8, M9)			
13	202301000860	Reactance (M1, M2, M3, M6, M7)			
13	202301000913	Reactance (M5, M10)			
13	202301050025	Reactance (M5, M10)			
13	202301050026	Reactance (M4, M9)			
13	202301050027	Reactance (M5, M10)			
15	2012481G0006	Supporter assembly of fan motor (M1)			
20	2012481G0036	Top cover assembly (M4, M9)			
21	201237400102	Top cover assembly (M1, M2, M3, M6, M7, M8)			
21	201248300265	Top cover assembly (M5, M10)			
31	201137990000	Waterproof board (M5, M10)			
212	202300500328	Rectifier bridge (M5, M10)			
217	202301400223	Wire joint (M1, M2, M3, M6, M7, M8)			
217	202301450118	Wire joint (M4, M9)			
217	202301450122	Wire joint (M5, M10)			
217	202301470038	Wire joint (M5, M10)			
2110	202301900091	Radiator (M5, M10)			
2110	202301900112	Radiator (M4, M9)			
2110	202301901043	Radiator (M1, M2, M3, M6, M7, M8)			
NS	201150290006	Small handle (M4, M9)			
NS	201137300162	Supporter of electronic control box (M1, M2, M3, M4, M6, M7, M8, M9, M10)			
NS	201237590046	Terminal board (M1, M2, M3, M6, M7, M8)			
NS	201237890064	Terminal board (M4, M9)			
NS	203337590046	Terminal board assembly (M1, M2, M6, M7)			
NS	203337590049	Terminal board assembly (M3, M8)			