

MST***E21AD Ducted Ceiling Indoor Unit

MST123E21ADAA

MST183E21ADAA

MST243E21ADAA



FOR REFERENCE ONLY

NOTE: To order parts contact Branch 198, 288 or 214

This manual is to be used by qualified technicians only.

Important Information

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Views shown are for parts illustrations only, not servicing 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

Daikin 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, Daikin Manufacturing Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Daikin 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:

Homeowner Support
Daikin North America, LLC
19001 Kermier Road
Waller, Texas 77484
855-770-5678-Telephone
713-863-2382-Facsimile

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

International Division
Daikin North America, LLC
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

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Functional Parts

Part

No: **Description:**

11002015002521	Brushless DC Motor (M2, M3)
11002015008306	Brushless DC Motor (M1)
15500209000001	Detection valve (M1, M2)
15500209000002	Detection valve (M3)
17223000000003	Duct display board subassembly (M1)
17123000002712	Duct display board subassembly
17223000000003	Duct display board subassembly (M2, M3)
17223000004456	Duct electronic control box subassembly (M2)
17223000004417	Duct electronic control box subassembly (M3)
17123000003474	Duct main control board subassembly (M3)
17123000003492	Duct main control board subassembly (M2)
17123000004314	Duct main control board subassembly (M1)
12223000009109	Electrical Control Box Cover Subassembly (M3)
12223000010447	Electronic control box (M1)
12223000011049	Electronic control box (M2)
12223000011047	Electronic control box (M3)
11201007000070	Pipe temperature sensor (M1)
11201007000136	Pipe temperature sensor (M2, M3)
11201007000283	Room temperature sensor
11201005000006	Water level sensor (M1, M2)
17400802000021	Water pump

Expanded Model Nomenclature

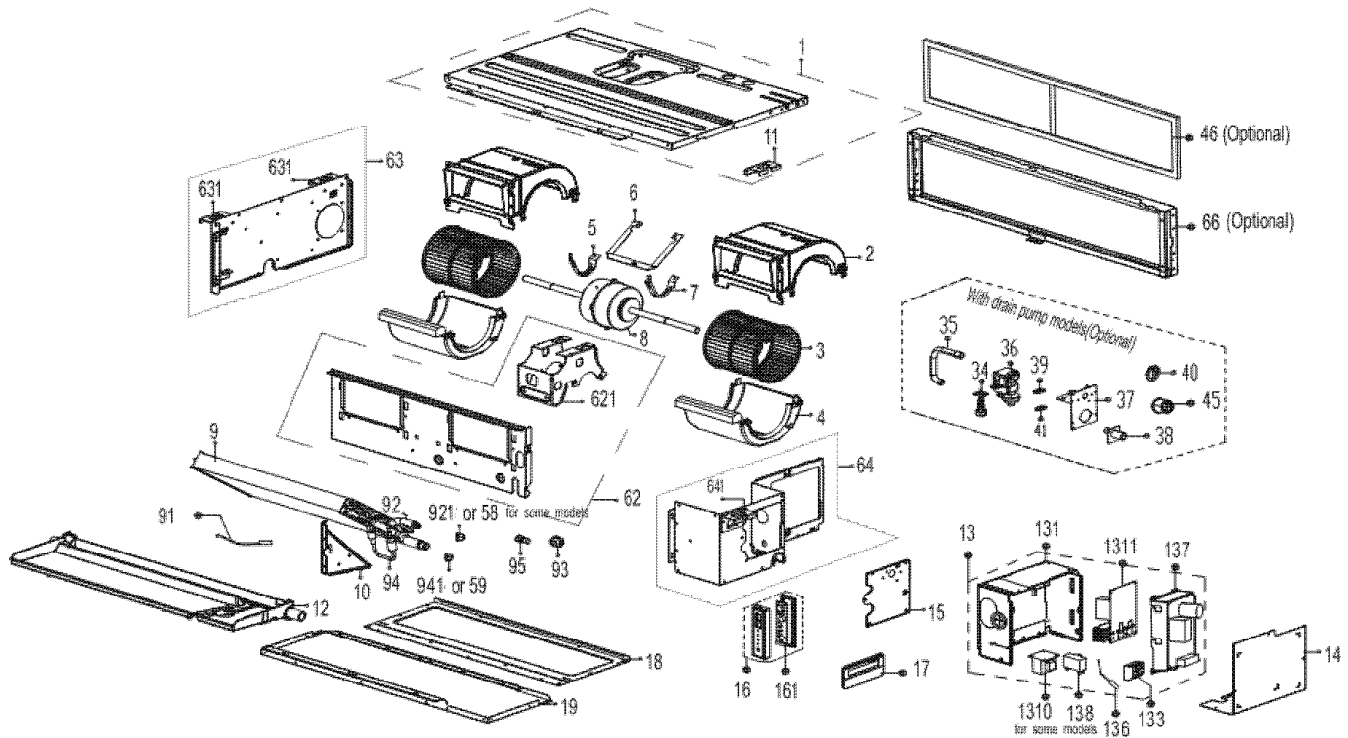
M1 - MST123E21ADAA

M2 - MST183E21ADAA

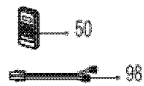
M3 - MST243E21ADAA

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Optional function parts



MST123E21AD

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
1	12223000011148	Chassis subassembly (M1)	
2	12123000001180	Top volute subassembly (M1)	
3	12100103000804	centrifuge fan (M1)	
4	12123000001161	bottom volute (M1)	
5	12222500000253	Fan motor axes clamp (left) (M1)	
6	12223000010427	Fan motor fixing board (M1)	
7	12222500000255	Fan motor axes clamp (right) (M1)	
8	11002015008306	Brushless DC Motor (M1)	
9	15823000004183	Evaporator Assembly (M1)	
10	12223000A04010	Evaporator right support board subassembly (M1)	
11	12223000011162	Hook (M1)	
12	12123000001164	Water collector (M1)	
13	17223000005237	E-Parts Box assembly (M1)	
14	12223000010314	Cover of electronic control box (M1)	
15	12223000A04012	Pipe clamp board subassembly (M1)	
16	17223000000003	Duct display board subassembly (M1)	
17	17317100003015	Wired controller (M1)	
18	12223000010323	Rear cover subassembly (M1)	
19	12223000010326	Top cover subassembly (M1)	
34	11201005000006	Water level sensor (M1)	
35	12623000000003	Rubber tube (M1)	
36	17400802000021	Water pump (M1)	
38	12100510000021	Drain pipe (M1)	
39	12622500000004	Drain pump rubber washer (M1)	
41	12622500000003	Drain pump rubber washer (M1)	
46	12223000A03901	Air filter (M1)	
46	16123000A16063	Installation Manual (M1)	
46	16123000A16062	User manual (M1)	
54	12011600A00310	Accessory kit (M1)	
58	15500406000016	Copper nut (M1)	
59	15500406000012	Copper nut (M1)	
62	12223000010325	Middle beam subassembly (M1)	
63	12223000011160	Left side plate assembly of cabinet (M1)	
64	12223000011156	Right clapboard subassembly (M1)	
66	12223000A03903	Right clapboard subassembly (M1)	
91	11201007000070	Pipe temperature sensor (M1)	
92	15123000010590	Evaporator outlet pipe subassembly (M1)	
93	15500404000009	Pipe Nut (M1)	
94	15123000010589	Evaporator inlet pipe subassembly (M1)	
95	15500209000001	Detection valve (M1)	
131	12223000010447	Electronic control box (M1)	
133	17400401000075	Terminal (M1)	
136	112010070000283	Room temperature sensor (M1)	
137	17123000004314	Duct main control board subassembly (M1)	
161	17123000002712	Duct display board subassembly (M1)	
631	12223000011161	Hook (M1)	
641	12223000011161	Hook (M1)	
1310	17400306000070	Reactor (M1)	
1311	17122000038512	Inverter module subassembly (M1)	

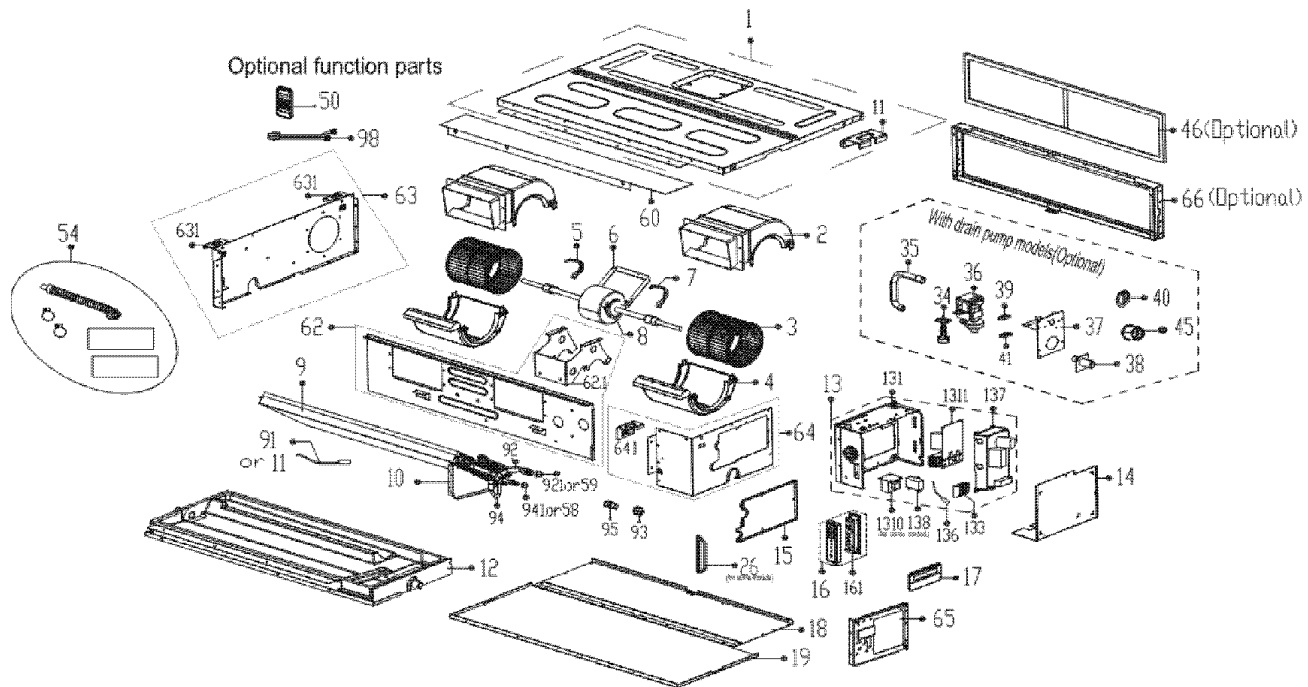
Expanded Model Nomenclature

M1 - MST123E21ADAA
M2 - MST183E21ADAA
M3 - MST243E21ADAA

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MST183E21AD

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MST183E21AD

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
1	12223000011159	Chassis subassembly (M2)	
2	12123000000801	top volute (M2)	
3	12100103000584	centrifuge fan (M2)	
4	12123000000802	bottom volute (M2)	
5	12222500000253	Fan motor axes clamp (left) (M2)	
6	12223000000537	Fan motor fixing board (M2)	
7	12222500000255	Fan motor axes clamp (right) (M2)	
8	11002015002521	Brushless DC Motor (M2)	
9	15823000004567	Evaporator assembly (M2)	
10	12223000006629	Evaporator right support board subassembly (M2)	
12	12823000000190	Water collector assembly (M2)	
13	17223000004456	Duct electronic control box subassembly (M2)	
14	12223000006627	Cover of electronic control box (M2)	
15	12223000A02735	Pipe clamp board subassembly (M2)	
16	17223000000003	Duct display board subassembly (M2)	
17	17317100003015	Wired controller (M2)	
18	12223000006632	Rear cover subassembly (M2)	
19	12223000006636	Top cover subassembly (M2)	
34	11201005000006	Water level sensor (M2)	
35	12623000000003	Rubber tube (M2)	
36	17400802000021	Water pump (M2)	
37	12223000A02732	Exhaust pump subassembly (M2)	
38	12100510000021	Drain pipe (M2)	
39	12622500000004	Drain pump rubber washer (M2)	
40	12123000000043	Cover of water testing hole (M2)	
41	12622500000003	Drain pump rubber washer (M2)	
46	12123000A00301	Air filter (M2)	
46	16123000A16063	Installation Manual (M2)	
46	16123000A16062	User manual (M2)	
54	12011600A00310	Accessory kit (M2)	
58	15500406000016	Copper nut (M2)	
59	15500406000012	Copper nut (M2)	
60	12223000008573	Rear beam subassembly (M2)	
62	12223000008576	Middle beam subassembly (M2)	
63	12223000011152	Left clapboard subassembly (M2)	
64	12223000011151	Right clapboard subassembly (M2)	
65	12223000008577	Right side plate (M2)	
66	12223000A03117	Right clapboard subassembly (M2)	
91	11201007000136	Pipe temperature sensor (M2)	
92	15123000008692	Evaporator outlet pipe subassembly (M2)	
93	15500404000009	Pipe Nut (M2)	
94	15123000011151	Evaporator inlet pipe subassembly (M2)	
95	15500209000001	Detection valve (M2)	
131	12223000011049	Electronic control box (M2)	
133	17400401000075	Terminal (M2)	
136	11201007000283	Room temperature sensor (M2)	
137	17123000003492	Duct main control board subassembly (M2)	
161	17123000002712	Duct display board subassembly (M2)	
1310	17400306000070	Reactor (M2)	
1311	17122000030569	Inverter module subassembly (M2)	

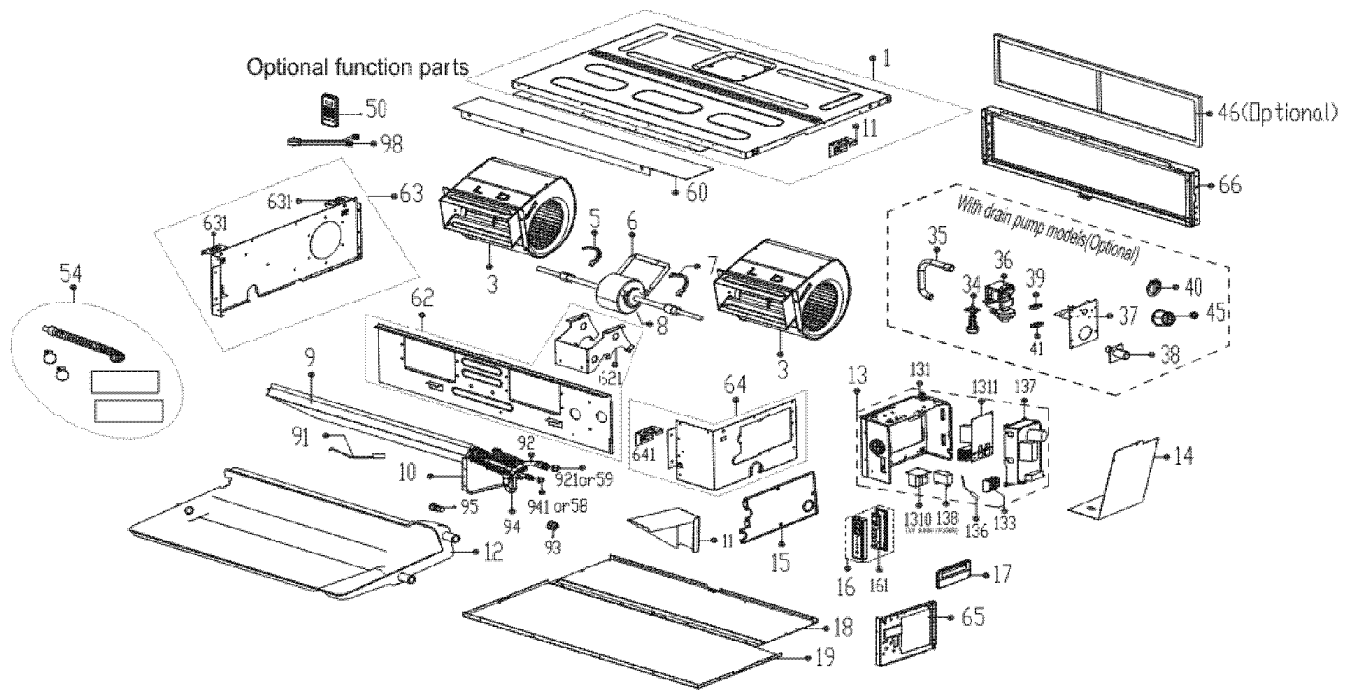
Expanded Model Nomenclature

M1 - MST123E21ADAA
M2 - MST183E21ADAA
M3 - MST243E21ADAA

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MST243E21AD

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MST243E21AD

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
1	12223000011153	Chassis subassembly (M3)	
3	12200101000194	centrifuge fan assembly (M3)	
5	12222500000253	Fan motor axes clamp (left) (M3)	
6	12223000000537	Fan motor fixing board (M3)	
7	12222500000255	Fan motor axes clamp (right) (M3)	
8	11002015002521	Brushless DC Motor (M3)	
9	15823000004563	Evaporator assembly (M3)	
10	12223000008851	Evaporator right support board subassembly (M3)	
11	12223000008848	Water collector subassembly (M3)	
12	12223000008876	Water collector assembly (M3)	
13	17223000004417	Duct electronic control box subassembly (M3)	
14	12223000009109	Electrical Control Box Cover Subassembly (M3)	
15	12223000A03149	Pipe clamp board subassembly (M3)	
16	17223000000003	Duct display board subassembly (M3)	
17	17317100003015	Wired controller (M3)	
18	12223000008888	Rear cover subassembly (M3)	
19	12223000008887	Top cover subassembly (M3)	
35	12623000000003	Rubber tube (M3)	
36	17400802000021	Water pump (M3)	
37	12223000A03150	Exhaust pump subassembly (M3)	
38	12100510000021	Drain pipe (M3)	
39	12622500000004	Drain pump rubber washer (M3)	
41	12622500000003	Drain pump rubber washer (M3)	
45	12600801000543	Rubber plug (M3)	
46	12123000A00300	Air filter (M3)	
46	16123000A16063	Installation Manual (M3)	
46	16123000A16062	User manual (M3)	
54	12011600A00310	Accessory kit (M3)	
58	15500406000010	Copper nut (M3)	
59	15500406000003	Copper nut (M3)	
60	12223000008890	Front beam subassembly (M3)	
62	12223000008875	Middle beam subassembly (M3)	
63	12223000011158	Left clapboard subassembly (M3)	
64	12223000011154	Right clapboard subassembly (M3)	
65	12223000008114	Right side plate (M3)	
66	12223000A03124	Right clapboard subassembly (M3)	
91	11201007000136	Pipe temperature sensor (M3)	
92	15123000008702	Evaporator outlet pipe subassembly (M3)	
93	15500404000005	Pipe Nut (M3)	
94	15123000011148	Evaporator inlet pipe subassembly (M3)	
95	15500209000002	Detection valve (M3)	
131	12223000011047	Electronic control box (M3)	
133	17400401000075	Terminal (M3)	
136	11201007000283	Room temperature sensor (M3)	
137	17123000003474	Duct main control board subassembly (M3)	
161	17123000002712	Duct display board subassembly (M3)	
1310	17400306000070	Reactor (M3)	
1311	17122000030569	Inverter module subassembly (M3)	

Expanded Model Nomenclature

M1 - MST123E21ADAA M2 - MST183E21ADAA M3 - MST243E21ADAA
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