

REPAIR PARTS

MST***E20AD Ducted Ceiling Inside Unit

MST093E20ADAA

MST123E20ADAA

MST183E20ADAA

MST243E20ADAA



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

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:
Homeowner Support
Goodman Manufacturing Company, L.P.
19001 Kermier Road
Waller, Texas 77484
877-254-4729-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:
International Division
Goodman Manufacturing Company, L.P.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

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

Functional Parts

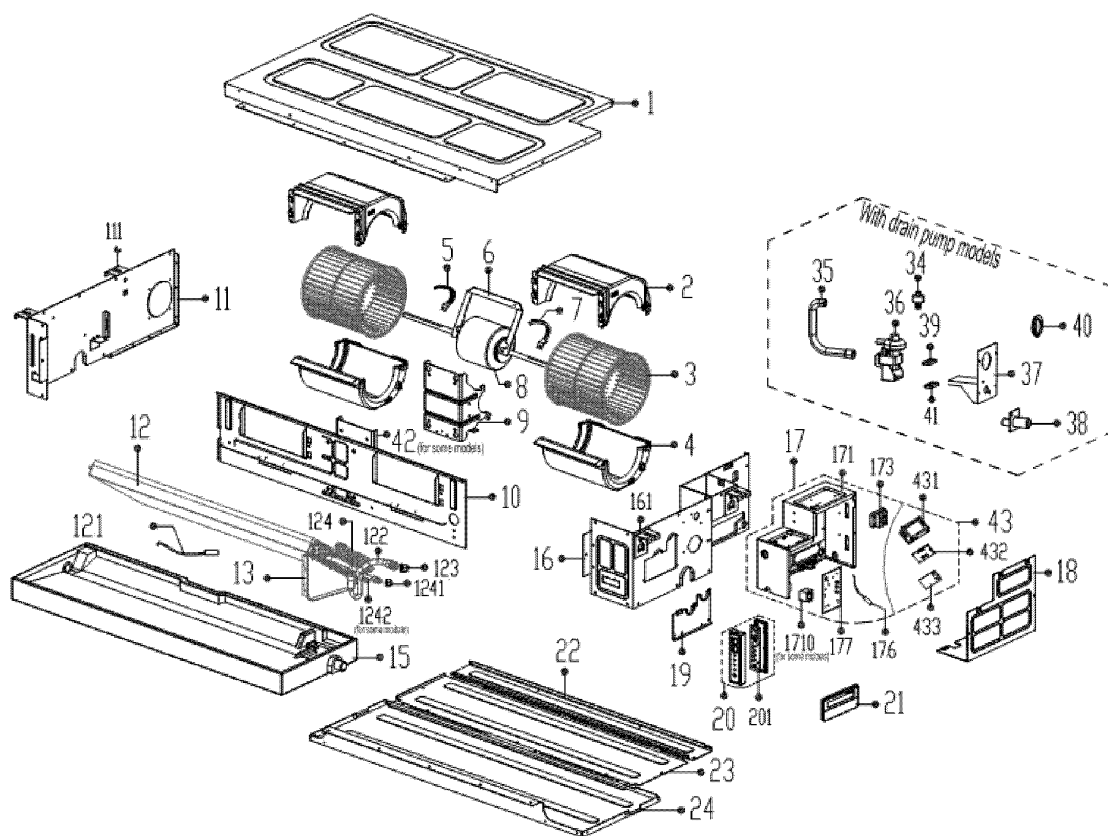
Part No:	Description:
11002015000344	Brushless DC Motor (M3, M4)
11002015000043	Brushless DC Motor (M1, M2)
11201007000143	Room Temperature Sensor (M1, M2, M3)
11201007000073	Room Temperature Sensor (M4)
11201007000136	Temperature Sensor

Expanded Model Nomenclature

M1 - MST093E20ADAA
M2 - MST123E20ADAA
M3 - MST183E20ADAA
M4 - MST243E20ADAA

MST(093,123,183,243)E20AD

MST(093,123,183,243)E20AD



MST(093,123,183,243)E20AD

Ref. Part

No: No:

Description:

Image 1:

1	12223000000502	Chassis Assembly (M1, M2)
1	12223000000515	Chassis Assembly (M3, M4)
2	12123000000027	volute shell ass'y, up (M3)
2	12123000000024	Volute shell,up (M4)
2	12123000000026	Volute shell, up (M1, M2)
3	12100103000077	Centrifugal fan (M1, M2)
3	12100103000078	Centrifugal fan (M3)
3	12100103000079	Centrifugal fan (M4)
4	12123000000021	Volute shell (M1, M2)
4	12123000000023	volute shell (M3)
4	12123000000022	Volute shell,down (M4)
5	12222500000253	Motor clamp
6	12223000009087	Fan motor fixing board (M1)
6	12223000009087	Fan motor fixing board (M2)
6	12223000000537	Motor Boarding (M3, M4)
7	12222500000255	Motor clamp
8	11002015000043	Brushless DC Motor (M1, M2)
8	110020150000344	Brushless DC Motor (M3, M4)
9	12223000000559	Fan Motor Holder (M3, M4)
9	12223000000567	Fan Motor Holder (M1, M2)
10	12223000000232	Middle beam ass'y (M1, M2)
10	12223000000233	Middle beam components (M4)
10	12223000000234	Middle beam components (M3)
11	12223000000117	Left panel Subassembly (M1, M2, M3)
11	12223000000122	Left panel Subassembly (M4)
12	15822300000188	Evaporator Assembly (M1)
12	15823000001643	Evaporator assembly (M2)
12	15823000002165	Evaporator assembly (M4)
12	15823000000124	Evaporator assembly Gas valve assembly (M3)
13	12223000000291	Components of the right support plate evaporator (M4)
13	12223000000290	Evaporator support board ass'y (M1, M2, M3)
15	12823000000003	Drain pan ass'y (M1, M2)
15	12823000000001	Water receiver assembly (M3, M4)
16	12223000000077	Parts fn Right Side Plate (M1, M2, M3)
16	12223000000079	Parts fn Right Side Plate (M4)
17	17223000003436	Electronic control box assembly (M3)
17	17223000003438	Electronic control box assembly (M2)
18	12223000000059	Electrical Control Box Cover (M1, M2, M3)
18	12223000000060	E-Part box cover (M4)
19	12223000000524	Pressing Plate Subassembly of Tube(RoHS)
20	17223000000003	Display box ass'y
21	17317100000022	Wire Controller
22	12223000000263	Rear beam (M4)
22	12223000000266	Rear beam (M3)
22	12223000000260	Rear beam ass'y (M1, M2)
23	12223000000214	Rear cover assembly (M3)
23	12223000000217	Rear Cover Plate (M4)
23	12223000000211	Rear cover plate ass'y (M1, M2)
24	12223000000199	Top cover ass'y (M3, M4)
24	12223000000200	Top cover ass'y (M1, M2)
42	12223000000547	Motor Installing Foundation Subassembly (M4)
43	17222700000159	Electrical Control Box Subassembly (M1, M2)
43	17222700000162	Electrical Control Box Subassembly (M3, M4)
111	12223000000418	Hook (M4)
111	12223000000418	Hook (M1)
121	11201007000136	Temperature Sensor
122	15122300000480	Outlet Pipes of Evaporator (M1)
122	15123000000274	Outlet Pipes of Evaporator (M2)

Ref. Part

No: No:

Description:

Image 1:

122	15123000000280	Outlet Pipes of Evaporator (M4)
122	15123000000300	Outlet Pipes of Evaporator (M3)
123	15500406000003	Copper net (M4)
123	15500406000010	Copper nut (M1)
123	15500406000012	Copper nut (M2, M3)
124	15123000000340	Inlet Pipe Subassembly (M4)
124	15123000000334	Joint board of Evaporator (M1, M2)
124	15123000000399	Joint board of Evaporator (M3)
161	12223000000418	Hook (M4)
161	12223000000418	Hook (M1)
171	17223000003437	Electronic control box assembly (M1)
171	17223000003439	Electronic control box assembly (M4)
171	12223000000045	Welding Parts of Electrical Control Box (M1, M2, M3)
171	12223000000046	Welding Parts of Electrical Control Box (M4)
173	17400401000006	Wire holder
176	11201007000073	Room Temperature Sensor (M4)
176	11201007000143	Room Temperature Sensor (M1, M2, M3)
177	17123000000073	ID Main Control Board Suba (Tie-in) (M2)
177	17123000000118	ID Main Control Board Suba (Tie-in) (M4)
177	17123000000138	ID Main Control Board Suba (Tie-in) (M1)
177	17123000000155	ID Main Control Board Suba (Tie-in) (M3)
201	17123000000096	Display board assembly
431	12223000000052	Electrical Control Box
432	17122000008498	Inverter Module Subassembly (Sticker) (M3, M4)
432	17122000008562	Inverter Module Subassembly (Sticker) (M1, M2)
433	11203803000154	Radiator
1241	15500406000010	Copper nut (M4)
1241	15500406000016	Copper nut (M1, M2, M3)
1710	17400306000070	Reactance (M1, M3)
NS	17401203000167	Wire Assembly for Connect Outdoor to Indoor (M2, M3)

Expanded Model Nomenclature

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