



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for TOSHIBA MAR-M104HTM8-1-PE. You'll find the answers to all your questions on the TOSHIBA MAR-M104HTM8-1-PE in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual TOSHIBA MAR-M104HTM8-1-PE
User guide TOSHIBA MAR-M104HTM8-1-PE
Operating instructions TOSHIBA MAR-M104HTM8-1-PE
Instructions for use TOSHIBA MAR-M104HTM8-1-PE
Instruction manual TOSHIBA MAR-M104HTM8-1-PE

TOSHIBA SERVICE MANUAL

FILE NO. A90-0030

AIR-CONDITIONER

2-PIPE SUPER MULTI, COOLING ONLY

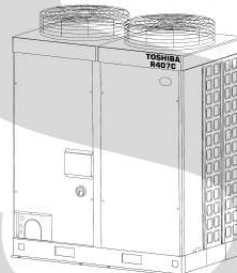
Outdoor Unit *MAR-C104M8-1-PE*
Multi Controller *RBM-Y1034C-PE (3-way)*
RBM-Y1044C-PE (4-way)

2-PIPE SUPER MULTI, HEAT PUMP

Outdoor Unit *MAR-M104HTM8-1-PE*
Multi Controller *RBM-Y1034-1-PE (3-way)*
RBM-Y1044-1-PE (4-way)

3-PIPE SUPER MULTI, HEAT PUMP WITH
SIMULTANEOUS HEATING AND COOLING

Outdoor Unit *MAR-F104HTM8-1-PE*
Multi Controller *RBM-Y1034F-PE (3-way)*
RBM-Y1044F-PE (4-way)



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Manual abstract:

@ @EXPLODED VIEWS AND SERVICE PARTS LISTS 13.1 Outdoor Unit (MAR-C104M8-1-PE). 61 13.2 2-Pipe refrigeration assembly parts (MAR-C104M8-1-PE). Location No. 1 2 3 4 5 6 7* 8 9 10 11 12 13 14 15 16 17 18 Part No. Description Location No. 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 Part No. 43A41504 43157254 43A48003 43A43007 43A43008 43A43009 43A43010 43120170 43121545 43A00004 43A19003 43A00006 43A00007 43A00016 43A00009 43A00005 43155136 43A51005 43A47034 Description Compressor (MG1300CW-20) Heater, crank case Accumulator Condenser, right-lower Condenser, right-upper Condenser, left-lower Condenser, left-upper Propeller fan Fan motor Fin Guard Fan Guard Side panel L Side panel R Front panel L Front panel R Air out cabi Reactor Isolator Capillary assembly, Compressor 43A46018 Solenoid coil assembly (2 coils: SV2, SV4) 43146428 Check valve 43146351 Service valve (1 1/8") 43146503 Packed valve (5/8") 43046151 2-way valve 43146526 Pulse modulating valve (EV18RC2) 43A45003 Dryer - XH10* 43146383 Check joint 43147321 Check joint 43147529 Strainer 43195185 Cushion, under, compressor 43195186 Cushion, upper, compressor 43195198 Spacer 43107200 Spring, base 43146367 Switch, high pressure (20PS-B) 43151229 Switch, high pressure (20PS-G) 43151230 Switch, low pressure (20PS-1) 43146524 Sensor, pressure * Note: Part 7: Replace both dryers at the same time. 62 13.

3 Outdoor Units (MAR-M104HTM8-1-PE, MAR-F104HTM8-1-PE). 63 13.4 2-Pipe refrigeration assembly parts (MAR-M104HTM8-1-PE). 23 9 57 13.5 3-Pipe refrigeration assembly parts (MAR-F104HTM8-1-PE). 20 32 2 16 19 33 4-way 34 PMV1 PMV2 SV1 7 23 27 35 SV14 23 9 10 11 6 15 57 6 3 2 17 SV13 12 SV15 3 26 13 14 5 21 SV2 SV4 SV5 SV6 2 3 64 Location No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23* 24 25 Part No. Description Location No. 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 Part No. 43147529 43147537 43195185 43195186 43195198 43107200 43146367 43151229 43151230 43146524 43A41504 43157254 43A48003 43A48004 43A60013 43A43007 43A43008 43A43009 43A43010 43A43011 43120170 43121545 43A00004 43A19003 43A00006 43A00007 43A00016 43A00009 43A00005 43155136 43A51005 43A47034 Description Strainer Strainer Cushion, under, compressor Cushion, upper, compressor Spacer Spring, base Switch, high pressure (20PS-B) Switch, high pressure (20PS-G) Switch, low pressure (20PS-1) Sensor, pressure Compressor (MG1300CW-20) Heater, crank case Accumulator Liquid tank Fusible plug Condenser, right-lower Condenser, right-upper Condenser, left-lower Condenser, left-upper Condenser, sub Propeller fan Fan motor Fin Guard Fan Guard Side panel L Side panel R Front panel L Front panel R Air out cabi Reactor Isolator Capillary assembly, Compressor 43A46001 Solenoid coil, 4-way valve 43A46002 Solenoid coil assembly (3 coils: 4-way, SV5, SV13) 43A46003 Solenoid coil assembly (3 coils: SV14, SV15, SV16) 43A46005 Solenoid coil assembly (3 coils: SV1, SV2, SV4) 2-Pipe 43A46006 Solenoid coil assembly (3 coils: SV1, SV2, SV4) 3-Pipe 43146252 Check valve 43146428 Check valve 43146351 Service valve (1 1/8") 43146503 Packed valve (5/8") 43146504 Packed valve (3/4") 43146398 Valve body 43046151 2-way valve 43146526 Pulse modulating valve (EV18RC2) 43146525 Pulse modulating valve (EV23RC8) 43A46010 Expansion valve 43A46007 4-way valve 43A47024 Capillary assembly 43A47025 Capillary assembly 43A47026 Capillary assembly 43A47027 Capillary assembly 43A47028 Capillary assembly 43A47035 Capillary assembly bypass 43A45003 Dryer - XH10* 43146383 Check joint 43147321 Check joint *Note: Part 23: Replace both dryers at the same time.

65 13.6 Outdoor unit electrical parts assembly (MAR-C104M8-1-PE). 66 Location No. @ @ @ @ @ No. @ @ @ @ @ @ @ @ @ @ @ 1 2 3 4 5 6 7 7 9 10 11 12 13 14 15 16 17 18 19 Part No. @ @ 1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 Part No. 43107215 43A47019 43046269 43A47018 43A6011 43151231 43157252 43157253 43146283 43158139 4316V026 43150162 43150163 43150164 43150165 43150166 43151242 43A60001 43A60008 43A60007 Description Holder, Sensor Strainer Pulse Motor Valve Capillary Tube Assembly Expansion Valve Float Switch Panel Heater Panel Heater Check Valve Transformer PC Board Assembly Sensor ThA (WHITE) Sensor ThB (RED) Sensor ThC (BLUE) Sensor ThD (BLACK) Sensor ThX (GREEN) Micro Switch Terminal Block Fuse Fuse Holder 71 Model All All All All All All All RBM-Y1044-1-PE RBM-Y1034-1-PE All All All All All All All RBM-Y1044-1-PE All All All All All 13.9 3-Pipe Multi controller (RBM-Y1034F-PE, RBM-Y1044F-PE). Location No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 Part No.

43107215 43146443 43046151 43046156 43046269 43046270 43847010 43146283 43146398 43146506 43A46011 43146505 43151231 43157252 Description Holder, Sensor Solenoid coil 2 way valve Check valve Pulse modulating valve 2 way valve Capillary tube 2.0 diameter Check valve Valve body Solenoid coil Expansion valve 2 way valve Float switch Panel heater (RBM-Y1044F-PE) Location Part Description No. No. 15 43157253 Panel heater (RBM-Y1034F-PE) 16 43189026 Insulator, liquid A 17 43189027 Insulator, liquid B 18 43189028 Insulator, header A (RBM-Y1044F-PE) 19 43189029 Insulator, header A (RBM-Y1034F-PE) 20 43189031 Insulator, header B (RBM-Y1044F-PE) 21 43189032 Insulator, header B (RBM-Y1034F-PE) 22 43A47011 Capillary tube 0.8 diameter 23 43A47012 Capillary tube 1.0 diameter 72 13.10 2-Pipe Multi controller electrical parts assembly (RBM-Y1034C-PE / RBM-Y1044C-PE / RBM-Y1034-1-PE / RBM-Y1044-1-PE). FT69 PJ12 PJ13 PJ14 PJ6 PJ7 PJ8 PJ9 PJ1 PJ2 PJ3 PJ4 PJ5 PJ16 THA THB THC THD THX Note: Terminal D is present on RBM-Y1044-1-PE and RBM-Y1044C-PE unit only. Location No. 101 102 103 104 105 Part No. 43158139 4316V026 43A69014 43150162 43150163 43150164 Description Transformer (1401008301) PC board assembly (MCC-1210) PC board assembly (CO) Sensor (ThA) Sensor (ThB) Sensor (ThC) 73 Location No. 106 107 108 109 111 112 Part No. 43150165 43150166 43151242 43A60001 43A60008 43A60007 PJ10 Capacity rank setting A BC D Display selector switches 7 Segment LED LD1 LD2 Indoor Units Outdoor Unit Description Sensor (ThD) (RBM-Y1044-1-PE) Sensor (ThX) Micro-switch Terminal block 4P Fuse T1A Fuse holder 13.11 3-Pipe Multi controller electrical parts assembly (RBM-Y1034F-PE, RBM-Y1044F-PE). FT69 PJ12 PJ13 PJ14 LD2 LD3 LD4 7 Segment LED Display selector switches PJ5 PJ16 THX PJ24 PJ25 PJ6 PJ7 PJ8 PJ9 PJ1 PJ2 PJ3 PJ4 THA THB THC THD PJ10 Note: Terminal D is present on RBM-Y1044F-PE unit only. Location No. 101 102 103 104 105 106 Part No. 43158139 43169627 43150162 43150163 43150164 43150165 Location No. 107 108 109 110 111 112 Part No. @ @ www.

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