

维修手册 Service Manual

适用机型 Applicable Models

SZ-3M40

(本图片为参考示意图，具体外观和配置以实物为准) (The picture is only for reference, and specific appearance and configuration are subject to the real product)

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重要安全通知

本维修手册仅用于具有适当电气、电子和机械经验背景的维修人员使用。
任何修理主要装置的测试均可能导致人身伤害和财产损失。
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美的生活电器

技术手册

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Important Safety Notice

The Maintenance Manual is only for the use of maintenance personnel with certain experience and background in electrical, electronic and mechanical field.

Any attempt to repair main devices may lead to personal injury and property loss.

Manufacturers or distributors are not responsible for the content of the Manual and interpretation thereof.

Midea Environment Appliance

Technical Maintenance Manual

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1. 安全警示规范 Safety Warning Code

WARNING

1. Always place the unit on a smooth, flat, lint-free, non-metallic, water-proof and level surface and keep it away from direct sunlight.
2. Always place the unit 2 feet (60 cm) above the floor, 12 inches (30 cm) away from the wall, away from other appliances and off of wooden surfaces.
3. Do not place the unit on carpet, rugs or other surfaces that may block the inlet vent and resultantly damage the unit.
4. To avoid electric shock, do not use wet hands to plug and unplug the unit.
5. Do not start the unit when the water tank is empty.
6. Do not add any additives into the water tank that are not produced or supervised by our company.
7. Do not put anything except water into the water tank.
8. Do not add water through the mist outlet.
9. While the humidifier is operating, do not touch the water inside the unit or any parts submerged in water.
10. Do not cover or block the mist outlet, the mist outlet should be kept clear at all times.
11. Do not replace the power cord without authorization from an authorized representative;
12. Always ensure proper contact between the power cord and outlet.
13. Never use this appliance on the same circuit as other appliances.
14. Do not place the appliance near a water source.
15. Do not disassemble, modify or repair internal parts without authorization from an authorized representative.
16. Do not climb or sit on the appliance.
17. Do not store appliance near or around flammable items, explosive items or heat sources.
18. Do not directly flush the humidifier with water.
19. Always use the power button to turn off the humidifier before unplugging the power cord.
20. Always use filtered or distilled water and do not use hard water.
21. Please do not use a damaged or worn power cord; Do not replace the power cord without authorization. If the power cord is damaged, it must be replaced by the manufacturer, its service department or professional from similar department to avoid danger.
22. Power off and unplug the humidifier during thunderstorms;
23. During an abnormal phenomenon (like a burnt smell), power off the humidifier and unplug the power cord.
24. After a long period of no use, power off the humidifier and unplug the power cord then, clean the water tank according to the "Cleaning and Maintenance" instructions.
25. To avoid bacterial growth, consistently change the water in the water tank and base.
26. Before moving the appliance, always unplug the power cord;

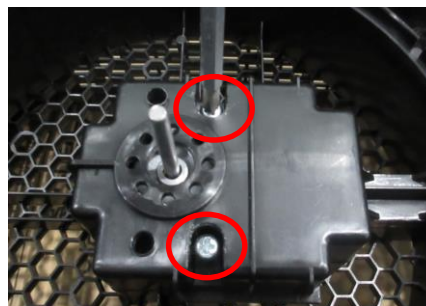
27. If the appliance is tipped over when filled with water, be sure to unplug the power cord immediately and send it for inspection.
28. The suitable ambient temperature for use of this product: 41°F~104°F, relative humidity: <80% RH (Please use pure water with temperature less than 104°F).
29. Do not run cord under carpeting.
30. Do not cover cord with throw rugs, runners or similar coverings.
31. Do not route cord under furniture or appliances.
32. Arrange cord away from traffic area and where it will not be tripped over.

2. 整机拆卸 Dismantling of appliance

2.1 拆卸顶盖 Remove the top cover	
<p>按照图示方向旋转拆下香薰盖。</p> <p>Remove the aromatherapy cover by rotating it in the direction shown.</p>	
<p>用平口螺丝刀从图示位置撬开顶盖，手从开口处伸进，用力向上拔出顶盖。</p> <p>Use a flat-port screwdriver to pry the top cover from the position shown in the figure, reach in through the opening, and pull out the top cover with force.</p>	
2.2 拆卸风叶 Remove the blades	
<p>用力向上拔出风叶。</p> <p>Pull out the blade.</p>	
2.3 拆卸电机 Remove the motor	

拧下电机盖上固定电机的两颗螺钉，即可拆下电机。

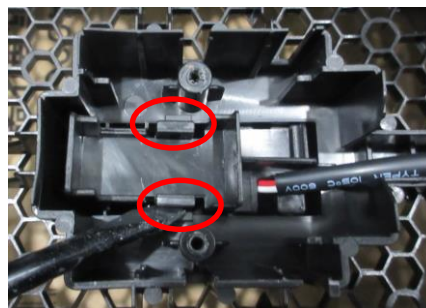
The motor can be removed by unscrewing the two screws fixing the motor on the motor cover.



2.4 拆微动开关 Remove the micro switch

用平口螺丝刀撬出开关支架，即可取出微动开关。

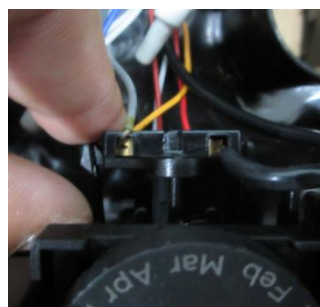
The micro switch can be removed by prying out the switch bracket with a flat-mouth screwdriver.



2.5 拆卸档位开关 Remove the gear switch

用手指将开关支架上固定档位开关的卡扣往两侧掰开，拆下档位开关。

Use your fingers to open the buckle of the fixed gear switch on the switch bracket to both sides and remove the gear switch.



2.6 拆指示灯 Removing indicator light

用手捏住指示灯，向外推出。

Hold the indicator light with your hand and push it out.



2.7 拆卸电源线 Removing Power Cables

用钳子捏住电源线的挡卡，逆时针旋转 90°，即可拉出电源线。

Hold the baffle card of the power cable with pliers and rotate it 90° counterclockwise to pull out the power cable.



3. 整机的安装 Function and operation

3.1 安装电源线 Installing Power Cables

将电源线插进外壳的电源线出口，用钳子捏住挡卡，顺时针旋转 90°，固定电源线。

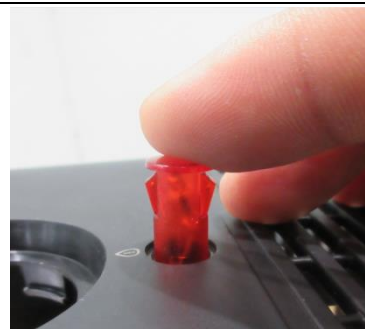
Insert the power cable into the power cable outlet of the housing, hold the baffle card with pliers, and rotate 90° clockwise to secure the power cable.



3.2 安装指示灯 Installing Indicators

将指示灯的线穿进外壳的指示灯孔，向内按压，即可扣好指示灯。

Thread the line of the indicator light into the hole of the enclosure and press inward to fasten the indicator light.



3.3 安装档位开关 Install the gear switch

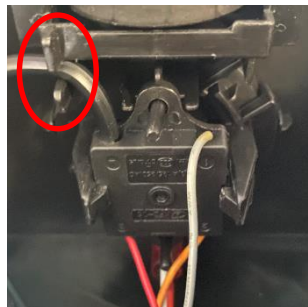
将电源线的浸锡一端完全插入档位开关，同样地插入 3 条电机线束。

Insert the tin-dipped end of the power cord into the gear switch completely, and insert the 3 motor wiring harnesses similarly.



将档位开关对准开关支架的柱形筋位，向下按压，扣位紧扣档位开关。将电源线线束按压到开关支架卡槽内。

Align the gear switch with the column bar of the switch bracket, press down, and buckle the gear switch. Press the power cord harness into the switch bracket slot.



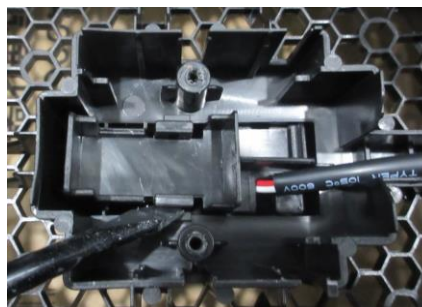
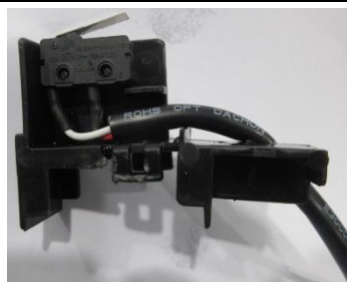
3.4 安装微动开关 Install the micro switch

将微动开关的孔对准开关支架的两个圆柱，平推，即可安装好微动开关。

将开关支架从上往下装入安装槽。

The micro switch can be installed by pointing the hole of the micro switch at the two cylinders of the switch support and pushing flat.

Install the switch bracket from the top down into the mounting slot.



3.5 安装电机 Install the motor

将电机装在风道的电机支撑处。

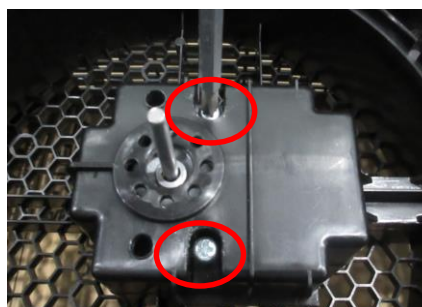
电机线和微动开关线从风道开槽处穿出，线压到卡槽内。

将电机盖撞到电机上，打两颗螺钉固定。

Install the motor at the motor support of the air duct.

Motor wire and micro switch wire from the air channel slot through, line pressure into the card slot.

Knock the motor cover onto the motor and secure with two screws.



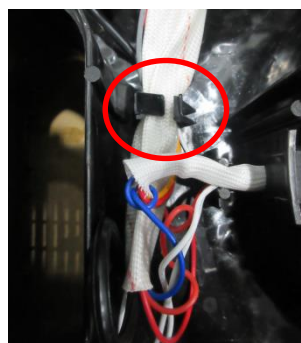
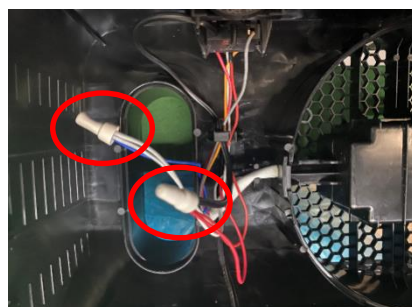
3.6 安装风叶 Install the blades

风叶孔对准电机柱，向下按压到位。

将线束按照原理图，通过接线帽连接。接线帽装入套管内，按压到扣位内，扣紧套管。

The blade hole is aligned with the motor column and pressed down into place.

Connect the wiring harness according to the schematic diagram through the wiring cap. Insert the wiring cap into the sleeve, press into the buckle, buckle the sleeve.



3.7 安装顶盖 Install the lid

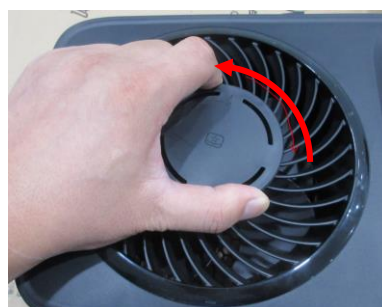
将顶盖平放到主机上，通过按压装紧顶盖。

按照图示方向旋转装上空薰盖。

Place the top cover flat on the main machine and tighten the top cover by pressing.

Install aromatherapy cover by rotating as shown.





3.8 安装浮球 Install the ball float

将浮球放在底座的中心，支架套在浮球上方，打一刻螺钉固定浮球支架，支架的另一端卡在底座的扣位。

Place the floating ball in the center of the base, cover the support over the floating ball, screw for a moment to fix the floating ball support, and the other end of the support is stuck in the buckle of the base.



3.9 装配水箱和上壳组件 Assemble water tank and upper shell assembly

将加湿滤网放入水箱中，再将上壳组件放在水箱上。

Put the humidifying filter into the water tank, and then place the upper shell assembly on the water tank.





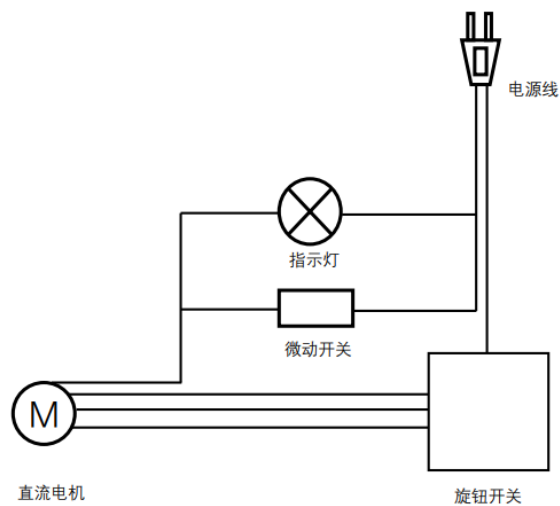
4. 常见故障及解决方法 Fault code and solutions

故障代码 Fault code	故障内容 Fault content	显示 Display	维修方法步骤 Steps for maintenance methods
/	电机不转，指示灯亮红灯 The motor does not rotate, the indicator light is red	/	<p>A、检查水箱是否缺水，如果缺水，请拔电后，重新加满水再开机。</p> <p>B、上壳组件没有装配到位。请将上壳组件重新安装到水箱上，安装到位。</p> <p>A. Check whether the water tank is short of water. If there is a shortage of water, please unplug the power, refill the water and turn on again.</p> <p>B. The upper shell components are not assembled in place. Please reinstall the upper case assembly to the water tank and install it in place.</p>

5 附录 Appendix:

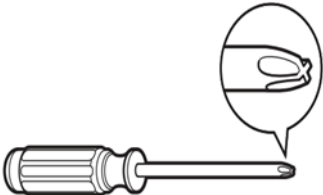
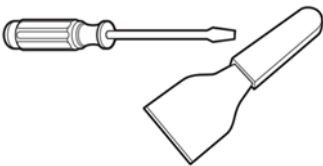
5.1 整机接线图 Electrical Schematic Diagram

SZ-3M40整机接线图



5.2 维修常用工具、设备和材料 refrigerator maintenance tooling and equipment and material

工具 Tooling

No.	名称 Name	图片 Photo	主要用途 Main Usage
1	十字螺丝刀 Phillips screwdriver		拆卸螺钉 screw assemble and disassemble
2	平口螺丝刀/小铲刀 slotted screwdriver/scrapper		拆卸螺钉和铆钉 screw and rivet assemble and disassemble

3	尖嘴钳 Nipper pliers		辅助工具 assistive tool
4	电烙铁 Electric soldering		辅助工具 assistive tool

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