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# 1. WSM2200

Variant Name	Design
WSM2200_FDBM_BO_IWD_E	
WSM2200_FDBM_SE_IWD_E	

- Touch:
- A Wifi
  - B super RC
  - C super FC
  - D RC temperature adjustment area
  - E FC temperature adjustment area

- Display:
- F RC temperature display area
  - G FC temperature display area

## 2. Demo mode/Showroom mode

Function	Action	Display	Comments
<b>Activate demo mode</b>	<p>Press and hold 'Super RC' key for 9-11s within first 1min after the initial process of SMM finished.</p> <p>User can release the key after the UIM first beep.</p>	Area 'G' will display '88' for 3s and back to normal display	During demo mode, after every power reset, area 'G' will display '88' for about 2s after the initial progress of SMM finished to indicate that the appliance is in demo mode now.
<b>Deactivate demo mode</b>	<p>Press and hold 'Super RC' key for 9-11s within first 1min after the initial process of SMM finished.</p> <p>User can release the key after the UIM first beep.</p>	Area 'F' will display '77' for 3s and back to normal display	After area 'F' display '77', the appliance already quit demo mode. There is no need to power reset again.

### 3. FC Defrost

Function	Action	Display	Comments
<b>FC defrost</b>	Press and hold 'Super RC' key for 11-13s within first 4 min after the initial process of SMM finished.	\	After release the key, the UIM will activate buzzer with a sequence of 4 beep

### 4. Technical mode

Function	Action	Display	Comments
<b>Entering technical mode</b>	Press and hold 'wifi' key for about 10s and release key after 4 <sup>th</sup> beep. Then press and hold 'wifi' for 3s again within 3s.	Area 'F' displays 0 Illuminate super FC	There will be a buzzer sound when button pressed
<b>Choose mode</b>	press arrow up/down key of RC compartment	Area 'F' displays 0- 1- 2- 3- 4- ...	Temperature sensor display 0 Door switch display 1- Load tests display 2-3-4-...
<b>Quit current mode</b>	Press Super RC	Area 'F' displays 0- 1- 2- 3- 4- ...	
<b>Enter mode</b>	Press Super FC	Area 'F' displays test items 1*, 2*, 3*, 4* Area 'G' display concrete value	For example: 10, 11, 12. ...20 21 22...
<b>Load tests</b>	Press arrow up key of RC compartment to trigger the test group Press arrow up key of RC to change to next load test Press arrow down key of RC to change to last load test	Area 'F' displays 20 Area 'G' displays 0	0- Inactivated (default) 1-activated For example: When area 'F' displays 20, area 'G' displays 0, user press arrow up key of RC. Then area 'F' displays 20 and area 'G' displays 1 (always display).

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			<p>When user continue to press arrow up key of RC .Area 'F' will display 21,22... and area 'G' still displays 1.</p> <p>When user press arrow down key of FC, the test progress will change back to the last load test. Only the chosen load can work.</p>
<b>Choose test item(only for temperature sensor test, door switch test)</b>	<p>Press arrow up key of RC to toggle to next test item</p> <p>Press arrow down key of RC to toggle to last test item</p>	Area 'F' display 10, 11, 12...19...20,21,22...	When switch to next test item, the appliance will stop the last test item.
Leaving technical mode	<ol style="list-style-type: none"> <li>1. Power off to quit technical mode</li> <li>2. During technical mode, user can press and hold 'wifi' key for 3s. with buzzer sound</li> <li>3. During technical mode, no interaction for 20min</li> </ol>		

### 4.1 Test item (FDBM NF1.0 RNA 300\_KFD94\_TAP, 500\_KFD93\_TAP, 500\_KFD94\_TAP, 800\_KFD93\_TAP)

Note “only 800\_KFD93\_TAP” is 800\_KFD93\_TAP, other is common for all variants.

Temperature sensor	Test item display( F)	Display value ( G)
RC temperature sensor	00	00~05: The actual temperature measured by the temperature sensor
FC temperature sensor	01	
FC evaporator temperature sensor	02	
Ambient temperature sensor	03	
IWS tray temperature sensor	04	
IWS surface temperature sensor	05	

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IWS hopper fill state	06	06: 0 - HOPPER_NOT_FULL 1 - HOPPER_FULL 2 - UNCLEAR
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Door switch	Test item display ( F )	Display value ( G )
RC left door switch	10	0 –door closed; 1 – door open
RC right door switch	11	
FC left door switch	12	
FC right door switch	13	
IWS hopper switch	14	0-assembled; 1-unassembled

Load tests	Test item display ( F )	Display value ( G )
RC left compartment light	20	0 –not working; 1-working
RC right compartment light	21	
FC left light	22	
Condenser fan	23	
FC evaporator fan	24	
IWS fan	25	
RC left back wall light(only 800_KFD93_TAP )	26	
RC right back wall light(only 800_KFD93_TAP )	27	
RC flap	30	
Switch stop valve to open	31	

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FC stop valve to open	32
FC defrost heater	33
Flip mullion heater	34
Dispenser anti condensation heater	35
Ice chute flap anti condensation heater	36
Compressor (3000RPM)	37
Ice maker water valve	38
Dispenser water valve	39
Trigger hopper fill measurement	40
Ice maker tray heater	41
Set tray drive position	42
Ice maker hopper flap	43
Ice maker crusher motor	44
Ice chute flap	45

Attention:

The last group of load tests approximately simulated the progress of release ice. The order should not be changed. When post sales engineers test the machine, if they find that the ice is frozen in ice maker, it cannot release ice any more. Now, they should test Step 41: Ice maker tray heater for several times to thaw the ice. But the time should not be too long until they judge that the machine can release ice.