



Technical Specification

Customer Name : Pars Appliance MFG. CO.

Model Name : 4-Stars
Top Mount



Function Specification for Top Mount : "4-Stars"

Keys & Function



- TEMP.SETTING Setting the Ref Room Temperature (+1°C ~ +8°C)
 - SUPER (Mute) Canceling the Buzzer Sound
 - SUPER (3 seconds) Setting the "Super Cooling Mode"
 - ON/OFF Power ON/OFF during the Plug-In states
- Note>
During the OFF Mode, all Function should be not workable.
(including not checking the Error)

Cf> Dual Keys

- Test Mode "TEMP.SETTING + SUPER" (5 seconds)
- States Mode (St) "TEMP.SETTING + SUPER + ON/OFF" (5 seconds)

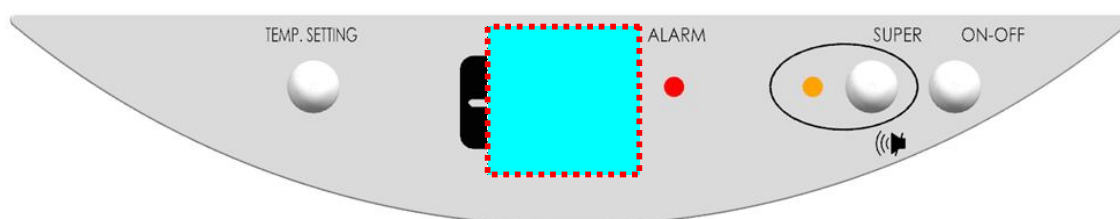
Function Specification for Top Mount : "4-Stars"

Indicating LED Lamp



- "ALARM" LED Lamp
indicating the abnormal working state as like Door Open / Error
Red Color
Blanking ON / OFF
Note>
If the Door is opened for over 60 seconds, the Buzzer Sound becomes activated. (ON 0.5 seconds / OFF 0.5 seconds)
- "SUPER" LED Lamp
Indicating the "Super Cooling Mode" activating
Yellow Color
ON / OFF

Displaying Temperature



- "88" Segments
indicating the Setting Temperature / Error Code / States Code

Remarks>

During the Cooling mode, the Setting Temperature is displayed.

During the Super Mode, "SU" is displayed.

Cooling Mode / Setting the Temperature

1. Plug-In & Entering the Cooling Mode

Under the "ON" Setting,
the Refrigerator (Top Mount : 4-Stars) is working in accordance with below Cut-In / Cut-Off.

Setting Temp.	Cut-In (Comp ON) Temp by Eva Sensor	Cut-Off (Comp Off) Temp by Room Sensor
+1 °C	+5 °C	0 °C
+2 °C	+5 °C	+1 °C
+3 °C	+5 °C	+2 °C
+4 °C	+5 °C	+3 °C
+5 °C	+5 °C	+4 °C
+6 °C	+5.5 °C	+5 °C
+7 °C	+6.5 °C	+6 °C
+8 °C	+7.5 °C	+7 °C

2, Displaying the Temperature and Setting the Temperature during the Cooling Mode

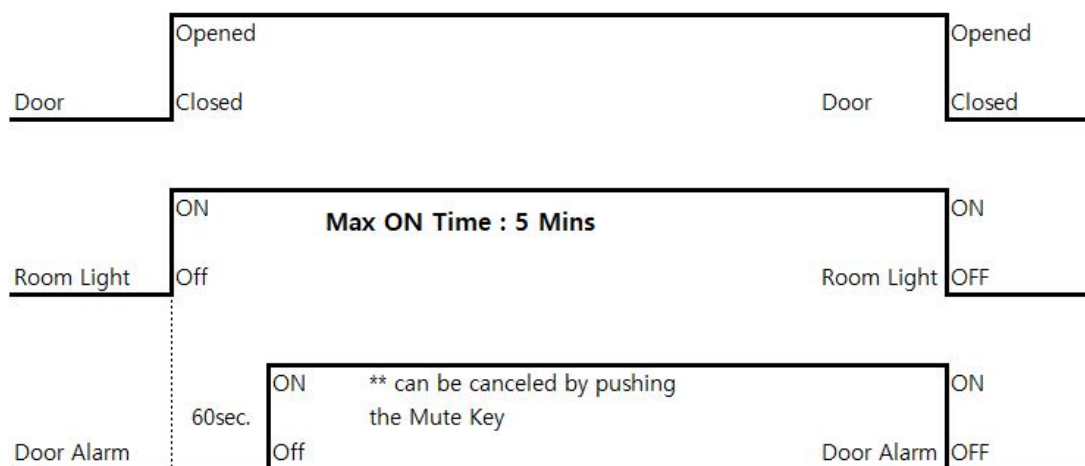
- Default Temp : +5 °C
- During the Cooling Mode, the Setting Temperature is displayed on the Display Panel.
- How to set the Temperature
 - Pushing the "Temp" key for 2 seconds
 - 5 °C -> 4 °C -> 4 °C -> 2 °C -> 1 °C -> 8°C -> 7 °C -> 6 °C -> 5 °C -> 4 °C
 - Blinking in Temp Setting

Remarks>

The latest Setting Temperature is saved even in plug-out.

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3, Room LED / Alarm in Door Open



- Room LED ON Max : 5 minutes
- Door Alarm is kept blanking if the Door is continuously opened since 60 seconds later.
- Buzzer Sound becomes ON (ON 0.5 seconds \leftrightarrow OFF 0.5 seconds) with the Door Alarm ON. And it can be canceled by pushing the Mute key. And it will not become ON until the Door is opened. But the Mute Alarm will reset when the Door is closed.

Super Cooling Mode



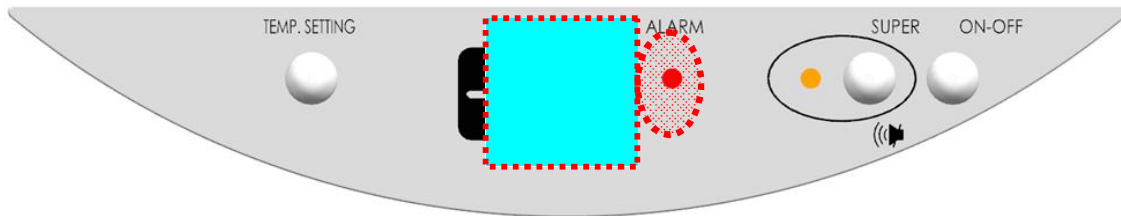
How to enter / terminate

Pushing the Super key for 3 seconds

Operating the Super Cooling Mode

- Continuous Comp ON for 6 Hours until reaching to 1 °C
(after reaching to +1°C or passing 6 hours, Super Mode becomes to be finished)
- Yellow LED ON in Super Cooling Mode ("SU" is displayed)
- Once terminating the Super Cooling Mode, the Setting Temp will be returned to the latest Setting Temp.

Error Mode

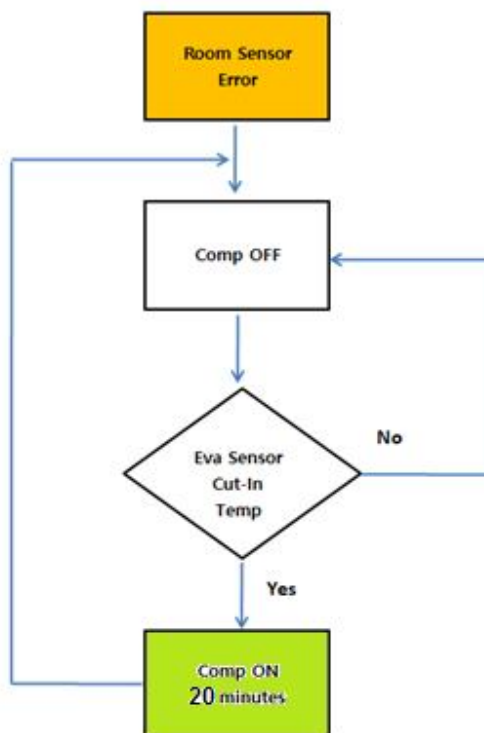


1. Room Sensor Error : Error Code "AF"

- Room Sensor "Open / Short" condition
- Displaying Error code : AF
- Alarm ON with Buzzer Sound ON (ON 1 second \leftrightarrow OFF 1 second)
But Buzzer sound can be OFF by pushing the Mute key.
It will not become again ON until the door is opened.

Only Room Sensor Error

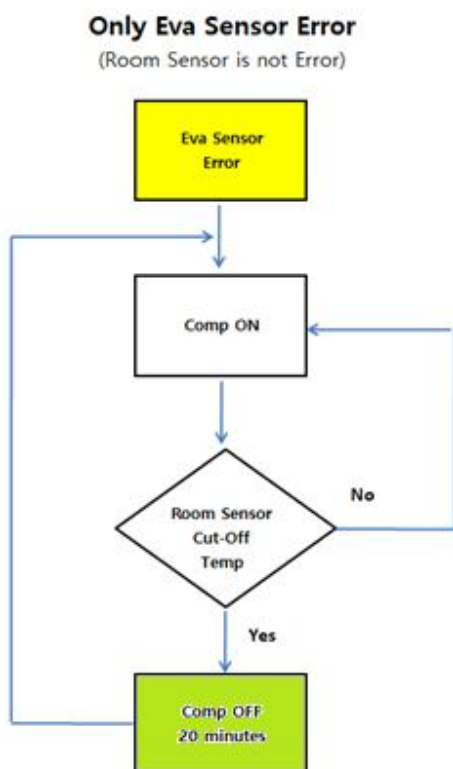
(Eva Sensor is not Error)



Function Specification for Top Mount : "4-Stars"

2. Eva Sensor Error : Error Code "EF"

- Eva Sensor "Open / Short" condition
- Displaying Error code : EF
- Alarm ON with Buzzer Sound ON (ON 1 second \leftrightarrow OFF 1 second)
But Buzzer sound can be OFF by pushing the Mute key.
It will not become again ON until the door is opened.



3. Cooling Error : Error Code "LO"

- Room Temperature is continuously "over +8°C (as like +9°C) for 10 hours".
- Displaying Error code : LO
- Alarm ON with Buzzer Sound ON (ON 1 second \leftrightarrow OFF 1 second)
But Buzzer sound can be OFF by pushing the Mute key.
It will not become again ON until the door is opened.

Remarks>

Buzzer Sound can be OFF once pushing the Mute key.

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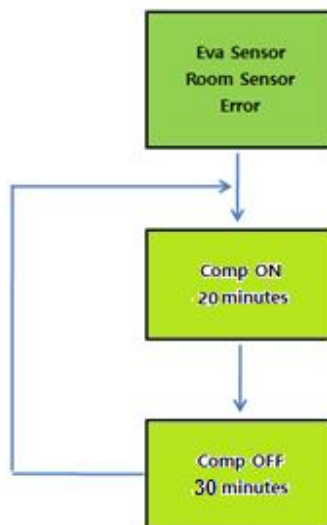
Note>

In the case of both sensor (Room Sensor and Eva Sensor) Error

- Room Sensor "Open / Short" condition
- Displaying Error code : AF
- Alarm ON with Buzzer Sound ON (ON 1 second \leftrightarrow OFF 1 second)
But Buzzer sound can be OFF by pushing the Mute key.
It will not become again ON until the door is opened.
- Eva Sensor "Open / Short" condition
- Displaying Error code : EF
- Alarm ON with Buzzer Sound ON (ON 1 second \leftrightarrow OFF 1 second)
But Buzzer sound can be OFF by pushing the Mute key.
It will not become again ON until the door is opened.

Both Sensor Error

(Room Sensor Error & Eva Sensor Error)



Test Mode



How to enter

Pushing the "Temp + Super" keys for 5 seconds

Auto Test Mode

automatically starting to Test the parts (Comp / Room Lamp) as below.

- Turning ON 88-Segments for each 1 second interval
- Turning ON LED (RED LED / YELLOW LED) for each 1 second interval
- 5 seconds Delay Time for checking the 3 keys
- Comp ON for 5 seconds
- Room Lamp ON for 5 seconds

And then,

Automatically returning to the Normal Cooling Mode

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States Mode



How to enter

Pushing the "Temp + Super + ON/OFF" keys for 5 seconds
Displaying the "St" in States Mode,
pushing "Temp" key

Displaying the States in sequence

tA (Room Temperature)
Temp
tE (Eva Temperature)
Temp
CO (Compressor)
ON / -- (OFF)

How to terminate

Pushing the "Temp + Super + ON/OFF" keys
Or
If no key is pressed after 2 minutes, automatically returning to the normal cooling mode.