

A Sensor Is Defective; A Sensor Is Defective; Operation Of Major Electrical Parts - Sanyo KS3032 Service Manual

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A Sensor is Defective.

4. Se

(D Indoor (heat exchanger) coil temp. Sensor is defective.

(a) Open (=No continuity in sensor)

Compressor and outdoor fan repeat ON for 10 minutes and OFF for 6 minutes when sensor opens.

(b) Short

(a) Open (=No continuity in sensor)

Neither outdoor fan nor compressor runs.

(b) Short

Outdoor fan and compressor do not stop excessively.

Operation of Major Electrical Parts

indoor unit and Remote

4-2 A Sensor is Defective.

① **Indoor (heat exchanger) coil temp. Sensor is defective.**

(a) Open (=No continuity in sensor)

Compressor and outdoor fan repeat ON for 10 minutes and OFF for 6 minutes when sensor opens.

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"Freeze Prevention" does not operate when dehumidified water is collected on indoor coil.

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“Freeze Prevention” does not operate when dehumidified water on indoor coil.

② Room temp. Sensor (in the remote control unit) is defective

(a) Open (=No continuity in sensor)

Neither outdoor fan nor compressor runs.

(b) Short

Outdoor fan and compressor do not stop. — Excessive cooling

4-3 Operation of Major Electrical Parts

Operation Mode (Function)	Operation	Indoor unit and Remote Control unit					F
		Indicator lamps					
		Room Temp.	Cool	Timer	Night setback Energy saver	Sweep	
Cooling	Manual	Thermo.ON	○	○			
		Thermo.OFF	○	○			
	Night setback	Thermo.ON	○	○		○	
		Thermo.OFF	○	○		○	
	Timer (set)	ON Timer			○		
		OFF Timer	○	○	○		
Freeze prevention		○	○				
Fan		○					
Flap	Sweep	Cool	○	○*		○*	
		Fan	○				
	Stop	Cool	○	○*		○*	
		Fan	○				

NOTE ○* Refer to Cooling Mode.

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		Indicator lamps					
		Room Temp.	Cool	Timer	Night setback Energy saver	Sweep	
Cooling	Manual	Thermo.ON	○	○			
		Thermo.OFF	○	○			
	Night setback	Thermo.ON	○	○		○	
		Thermo.OFF	○	○		○	
	Timer (set)	ON Timer			○		
		OFF Timer	○	○	○		
Freeze prevention		○	○				
Fan		○					
Flap	Sweep	Cool	○	○*		○*	
		Fan	○				
	Stop	Cool	○	○*		○*	
		Fan	○				

NOTE ○* Refer to Cooling Mode.

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Operation Mode (Function)	Operation	Indoor unit and Remote Control unit					F
		Indicator lamps					
		Room Temp.	Cool	Timer	Night setback Energy saver	Sweep	
Cooling	Manual	Thermo.ON	○	○			
		Thermo.OFF	○	○			
	Night setback	Thermo.ON	○	○		○	
		Thermo.OFF	○	○		○	
	Timer	ON Timer			○		

NOTE
 O" Refer to Cooling Mode.
 Operation Mode
 (Function)
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