

Symptoms And Parts To Inspect - Sanyo SPW-C256VH Technical Data & Service Manual

4-way air discharge semi-concealed wall-mounted ceiling-mounted concealed-duct

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Bookmarks



5-3. Symptoms and Parts to Inspect

Remote Alarm controller contents alarm display

P03
 Abnormal discharge temperature error
 • Discharge temp. detected at or above the specified value
 P05
 CT disconnected

		°C	

or AC power supply error
 P15
 Insufficient gas level detected.

P19 4-way valve locked trouble.				
• Judged after 5 minutes had elapsed since the compressor was switched on.			°C	
P20 High-pressure protection error caused by cooling high-load max (C1, C2) temperature				
P22 Outdoor unit fan motor trouble				
• Inverter protection circuit was activated, or lock was detected at outdoor unit fan motor.				°C
P26 Inverter protector circuit was activated.				
G-Tr short-circuit within the HIC circuit. (Short time / 0.8 seconds or less) HIC temperature protection				°C
Judgement conditions Stops when temp. exceeds 111				
Alarm output on 4 pre-trips				°C
The current value transmitted from the microcomputer on the outdoor unit control substrate is low.				°C
When no AC power input for more than 3 minutes: Pre-trip 5 times				
• Discharge temperature is 95 or higher. • Electronic expansion valve is at Step 480. • The current value from the				

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<p>MDC is 2.0A or less. When the above has continued for 1 minute. The indoor unit heat exchanger temperature drops even though</p>			
<p>the compressor is switched on during the heating mode. [min(E1,E2)] is 10 or lower.</p>			
<p>The indoor unit heat exchanger temperature rises even though the compressor is switched on during the cooling mode. E2 is 50 or higher Pre-trip 2</p>		°C	
<p>times Halted if the temperature exceeds "a". "a"=64 : Model 256, 366 "a"=61 : Model 486 Error output on 10 consecutive pre-trips.</p>			
<p>Inverter stops after alarm is detected. Pre-trip 4 times Inverter stops after alarm is detected. Alarm is output when inverter stops (pre-trip) consecutively 4 times. 5-5</p>			°C
<p>Eliminating Judgement and correction condition of alarm Recovery at restart 1. Check refrigerant cycle (gas leak). 2. Trouble with electronic expansion valve 3. Check discharge temperature sensor (TD). Recovery at restart Check outdoor unit control PCB.</p>		°C	
<p>Recovery at restart 1. Check refrigerant cycle (gas leak). 2. Trouble with electronic expansion valve. 3. Check outdoor unit valve opening.</p>		°C	
<p>Recovery at restart 1. Check 4-way valve. 2. Check 4-way valve wiring. 3. Check outdoor unit control</p>			

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<p>PCB. Recovery at restart 1.Overload operation of refrigerant cycle. 2.Check outdoor unit heat exchanger temperature sensor C1 and C2.</p>			
<p>Recovery at restart 1.Position detection trouble. 2.Outdoor unit fan motor over-current Protection circuit is activated. • Check outdoor unit control PCB. • Refer to outdoor unit fan judgement methods.</p>		°C	
<p>Recovery at restart 1.Stops immediately even when operations restarted. • Layer short on the compressor 2.Check HIC circuit. • Wiring trouble</p>			
<p>Temperature dropped 3.Heat sink and PCB (HIC) • Contact trouble</p>			°C

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[Indoor Unit](#)

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[Outdoor Unit](#)

[Unit Specifications](#)

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[C4272R Symptoms And Parts To Inspect](#)

Sanyo C4272R

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