

Discharge Temperature - Sanyo 2- WAY ECO-i SPW-C0705DXHN8 Service Manual

Multi system

1

2

3

Table Of Contents

4

5

6

7

8

9

10

11

12

13

14

15

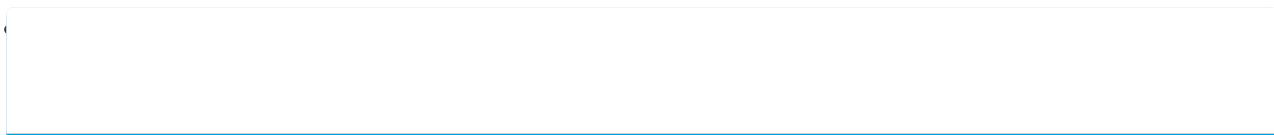
16

17

18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67

68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117

118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143



•

[Table of Contents](#)

•

Bookmarks



13. Discharge Temperature

<Alarm Information>

(1) Discharge temperature protection alarm

This device sets an upper limit discharge temperature of 106°C for all compressors. When the discharge temperature reaches 106°C, that compressor is stopped and restarted. If the same high discharge condition occurs

4 times, then an alarm occurs.

After a compressor has stopped, that compressor will not operate until the temperature has dropped to or below the start-prohibit temperature.

Discharge temperature protection list

Compressor No.

Type				
Stop temp.				

Start-prohibit temp.

Alarm display

(2) Discharge sensor trouble detection control

An alarm occurs if the discharge temperature remains abnormally high (above 70°C), when the system has been stopped for 60 minutes.

* In this case, possible causes include sensor failure and compressor overheating caused by an insufficient level of refrigerant.

The alarm also occurs if the sensor temperature is at or above the abnormal temperature (80°C) when 20 minutes have passed after the compressor stopped.

* In this case, it is possible that the discharge temperature from a different outdoor unit is being detected, due to an error in the installation of the discharge thermistor.

Discharge sensor failure list

Compressor No.			
Type			
Alarm display			
Compressor 1			

Compressor 2

Inverter

Constant-speed

106°C

106°C

70°C

70°C

P03

P17

Compressor 1

Compressor 2

Inverter

Constant-speed

F04

F05

1 - 25

W-2WAY ECO-i SYSTEM

Control Functions

Compressor 3

Constant-speed

106°C

70°C

P18

Compressor 3

Constant-speed

F22

[Previous Page](#)
[Next Page](#)

1
...
27
28
29
30
31
32
33
34

Quick Links:

[Table of Contents](#)

[Control Functions](#)

[Introduction](#)

[Selecting Outdoor Unit for Operation](#)

[Indoor Unit Control of the Electronic...](#)

[Trouble Diagnosis](#)

Related Manuals for Sanyo 2-WAY ECO-i SPW-C0705DXHN8

[Air Conditioner Sanyo SPW-C1155DXHN8 Technical Data & Service Manual](#)

2-way eco-i multi system (242 pages)

[Air Conditioner Sanyo SPW-K075XH Specification Sheet](#)

M series gas heat pump air conditioner (76 pages)

[Air Conditioner Sanyo ECOi C0705DXHN8 Brochure & Specs](#)

2 and 3 pipe electric vrf systems (10 pages)

[Air Conditioner Sanyo MINI ECO-i SPW-CR365GXH56B Service Manual](#)

(252 pages)

[Air Conditioner Sanyo SPW-X253G56 Service Manual](#)

Split system (72 pages)

[Air Conditioner Sanyo SPW-T253G56 Service Manual](#)

Split system air conditioner (71 pages)

[Air Conditioner Sanyo SPW-CR365GXH56 Technical Data Manual](#)

Mini eco-i system (346 pages)

[Air Conditioner Sanyo Mini ECO-i SPW-ASR74GXH56\(A/B\) Installation Instructions Manual](#)

System air conditioner (49 pages)

[Air Conditioner Sanyo SPW-X253GH56 Service Manual](#)

Split system (105 pages)

[Air Conditioner Sanyo SPW-D253GH56 Service Manual](#)

Split system (108 pages)

[Air Conditioner Sanyo SPW-C483GYH8 Service Manual](#)

Eco multi system (235 pages)

[Air Conditioner Sanyo SPW-C256VH Technical Data & Service Manual](#)

4-way air discharge semi-concealed wall-mounted ceiling-mounted concealed-duct (517 pages)

[Air Conditioner Sanyo SPW-CR1503GDYH8 Technical Data & Service Manual](#)

W-eco multi system series (377 pages)

[Air Conditioner Sanyo SPW-FTR124EH56 Installation And Operation Manual](#)

Dc inverter air conditioner for refrigerant r410a (32 pages)

[Air Conditioner Sanyo Big PACi 18 Series Technical Data & Service Manual](#)

Big pack i dc inverter (275 pages)

[Air Conditioner Sanyo SPW-XR253GH56 Technical Data & Service Manual](#)

(223 pages)

Related Content for Sanyo 2-WAY ECO-i SPW-C0705DXHN8

[SPW-U253GH56 Discharge Temperature Control \(Cooling And Heating\)](#)

Sanyo SPW-U253GH56

[SPW-X253GH56 Discharge Temperature Control \(Cooling And Heating\)](#)

Sanyo SPW-X253GH56

[CHDXR09663* Discharge Temperature](#)

Sanyo CHDXR09663*

[XHS3632 Discharge Temperature Control \(Cooling And Heating\)](#)

Sanyo XHS3632

[KH2442 / CH2442 Discharge Temperature Control \(Cooling And Heating\)](#)

Sanyo KH2442 / CH2442

[XS3632 Room Temperature Control](#)

Sanyo XS3632

[KS3032 Room Temperature Control](#)

Sanyo KS3032

[SAP-K181AA Room Temperature Control](#)

Sanyo SAP-K181AA

This manual is also suitable for:

[2-way eco-i spw-c0905dxhn82-way eco-i spw-c1155dxhn82-way eco-i spw-c1305dxhn82-way eco-i spw-c1405dxhn82-way eco-i spw-c0705dxhn8r2-way eco-i spw-c0905dxhn8r](#) [...](#) [Show all](#)