



# Table Of Contents - Sanyo SPW-X253GH56 Service Manual

Split system



1
Table Of Contents
2
3
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

• PAGE

2

OF 105 GO

•

[Table of Contents](#)

- 

Troubleshooting




•

## Bookmarks





This service manual is made to assist the service technician apply his knowledge and  training to this model air conditioner. This manual is written both for experienced service persons and those who are new to air conditioning service. To help those with less experience or who are new to this kind of unit we have included more explanations of basic procedures in simple language than is usual in some service manuals. The experienced technician will of course find he knows many of these things already and

can go directly to the procedures and information he needs; the less experienced technician will better understand the procedures and information better able to work by himself as well as assist the more experienced technician.

1. SPECIFICATIONS

.....	7
1-1	
<u>Unit Specifications</u> .....	8
1-2	
<u>Major Component Specifications</u> .....	12
<u>(A) Indoor Unit</u> .....	12
<u>(B) Outdoor Unit</u> .....	14
1-3	
<u>Other Component Specifications</u> .....	17
1-4	
<u>Dimensional Data</u> .....	
<u>(A) Indoor Unit</u> .....	19
<u>(B) Outdoor Unit</u> .....	21
1-5	
<u>Refrigerant Flow Diagram</u> .....	23
1-6	
<u>Operating Range</u> .....	24
<u>2. PROCESSES AND FUNCTIONS</u> .....	25
2-1	
<u>Room Temperature Control</u> .....	26
<u>(A) Cooling</u> .....	26
<u>(B) Heating</u> .....	27
2-2	
<u>Cold Draft Prevention (Heating Cycle)</u> .....	28
2-3	
<u>Automatic Fan Speed (Indoor Unit)</u> .....	29
<u>(A) Cooling</u> .....	29
<u>(B) Heating</u> .....	29
2-4	
<u>Outdoor Fan Speed Control</u> .....	30
<u>(A) Cooling</u> .....	30

<a href="#">(B) Heating</a> .....	30
2-5	
<a href="#">Freeze Prevention (Cooling)</a> .....	31
2-6	
<a href="#">Condensing Temperature Control (Cooling)</a> .....	32
2-7	
<a href="#">Overload Protection (Heating)</a> .....	33
2-8	
<a href="#">Discharge Temperature Control (Cooling and Heating)</a> .....	34
2-9	
<a href="#">Auto. Mode for Automatic Heating/Cooling Switching</a> .....	34

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

1  
2  
3  
4  
5  
6



Quick Links:

[Unit Specifications](#)

[\(A\) Indoor Unit](#)

[\(B\) Outdoor Unit](#)

[Troubleshooting](#)

## Troubleshooting

[Troubleshooting](#) 57

[Check before and after Troubleshooting](#) 58

[General Troubleshooting Flow Chart: Diagnosis and Remedy](#) 60

## Related Manuals for Sanyo SPW-X253GH56

[Air Conditioner Sanyo SPW-X483GH56 Installation Instruction](#)

Eco multi system air conditioner (91 pages)

[Air Conditioner Sanyo SPW-U253GH56 Service Manual](#)

Split system air conditioner (108 pages)

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

Split system (108 pages)

[Air Conditioner Sanyo SPW-T253GH56 Service Manual](#)

Split system (106 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 Big PACi 18 Series Technical Data & Service Manual](#)

Big pack i dc inverter (275 pages)

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

Split system (72 pages)

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

(223 pages)

[Air Conditioner Sanyo 2-WAY ECO-i SPW-C0705DXHN8 Service Manual](#)

Multi system (143 pages)

[Air Conditioner Sanyo SPW-XR254EH56 Installation And Operation Manual](#)

Dc inverter air conditioner (40 pages)

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

System air conditioner (49 pages)

[Air Conditioner Sanyo ECO G SGP-EGW190M2G2W Brochure & Specs](#)

Gas driven vrf m series (9 pages)

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

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

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

Dc inverter air conditioner for refrigerant r410a (32 pages)

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

Eco multi system (235 pages)

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

W-eco multi system series (377 pages)

## Related Content for Sanyo SPW-X253GH56

[CM1812 / KMS0912 \(x2\) Table Of Contents](#)

Sanyo CM1812 / KMS0912 (x2)

[XS3632 / C3632 Table Of Contents](#)

Sanyo XS3632 / C3632

[XS2422 Table Of Contents](#)

Sanyo XS2422

[SAP91KC Table Of Contents](#)

Sanyo SAP91KC

[KS2432A Table Of Contents](#)

Sanyo KS2432A

[PO811 Table Of Contents](#)

Sanyo PO811

[KMS1212 Table Of Contents](#)

Sanyo KMS1212

[C4272R Table Of Contents](#)

Sanyo C4272R

This manual is also suitable for:

[Spw-c253gh5Spw-c253gh8Spw-x363gh56Spw-c363gh8Spw-x483gh56Spw-c483gh8](#)