



# Selecting Outdoor Unit For Operation - Sanyo 2-WAY ECO-i SPW- C0705DXHN8 Service Manual

Multi system



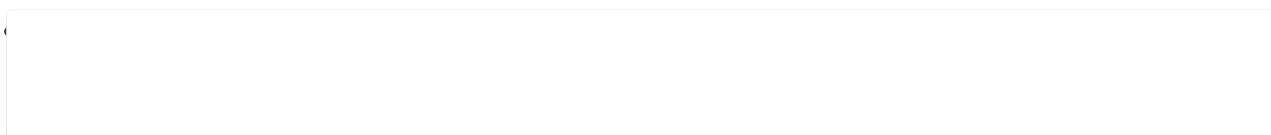
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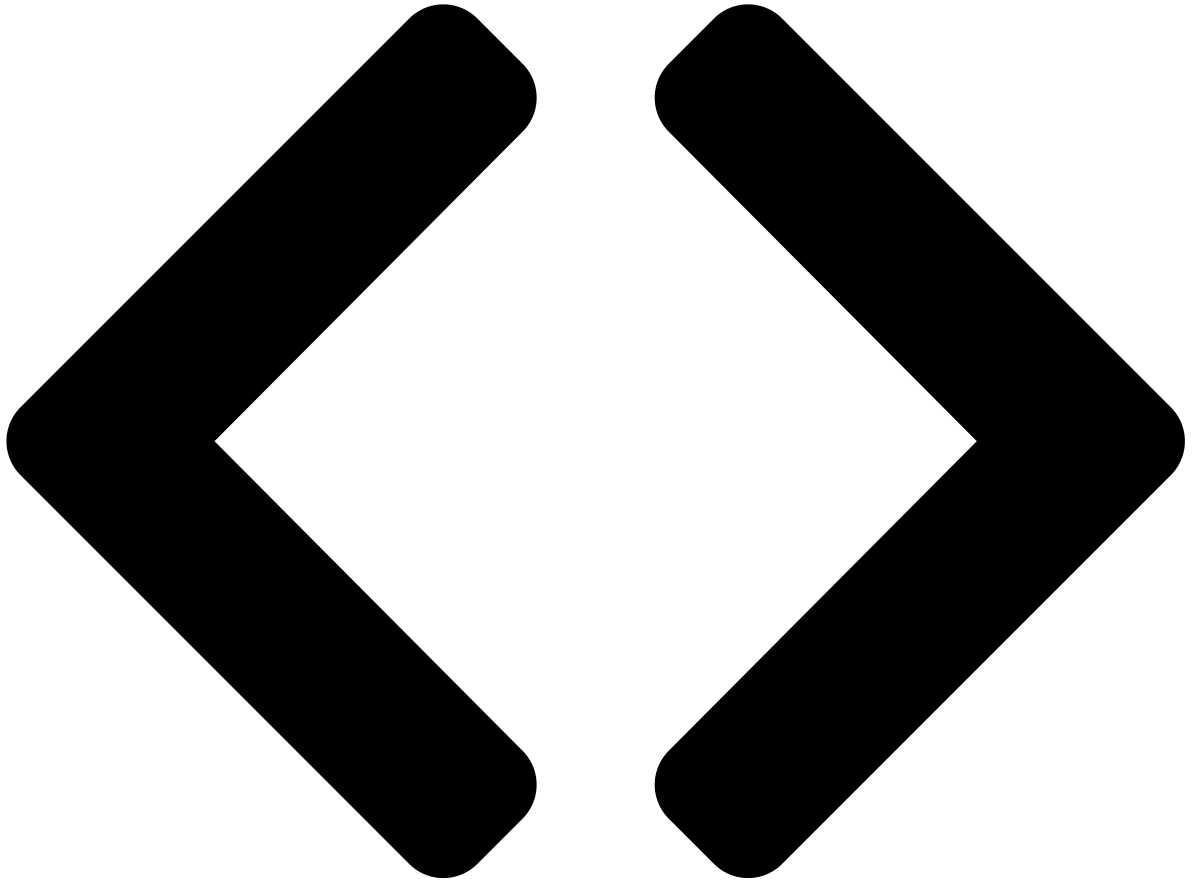
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## Bookmarks





## 2. Selecting an Outdoor Unit for Operation

### 2-1. Outdoor Unit Operating Rules

Because in this system all outdoor units contain an inverter compressor, ordinarily there is no absolute order of priority for compressor operation. Therefore there is no order of priority for the outdoor units.

However, it is possible to operate the outdoor units in sequence, beginning with unit No. 1, by using the outdoor unit maintenance remote controller to change the outdoor unit EEPROM settings.

\* For information concerning EEPROM settings, refer to the field application functions.

### 2-2. Delayed Start of Outdoor Units

(1) Delayed start of outdoor units in the same system

If it is necessary to operate the compressors simultaneously at multiple outdoor units, each outdoor unit will start, beginning with unit No. 1, after a delay of a number of seconds equivalent to the outdoor unit address.

(1) Delayed start of outdoor units in the same system  
If it is necessary to operate the compressors simultaneously at multiple outdoor units, each outdoor unit will start, beginning with unit No. 1, after a delay of a number of seconds equivalent to the outdoor unit address.

The units do not start simultaneously.

This is in order to reduce the load on the power receiving equipment.

## 2. Selecting an Outdoor Unit for Operation

Outdoor unit

Starts after 1 second

(2) Delayed start for each system

### 2-1. Outdoor Unit Operating Rules

At the time of factory shipment, delayed start for each system is not set to occur. Therefore when systems are linked and multiple systems are selected for start simultaneously by the central control device, all systems will begin operating simultaneously. For this reason, a function is included to delay the start time for each system address when systems are linked and multiple systems are selected for start by the central control device.

Because in this system all outdoor units contain an inverter compressor, ordinarily there is no order of priority for compressor operation. Therefore there is no order of priority for the outdoor unit start, beginning with unit No. 1, after a delay of a number of seconds equivalent to their system addresses. However, it is possible to operate the outdoor units in the sequence, beginning with unit No. 1, after a delay of a number of seconds equivalent to their system addresses.

unit maintenance remote controller to change the outdoor unit EEPROM settings.

\* For information concerning EEPROM settings, refer to the field application functions.

### 2-2. Delayed Start of Outdoor Units

In order to enable this delay time, it must be set in the EEPROM for each system. Those systems where this setting has been made will start after a delay according to their system addresses.

(1) Delayed start of outdoor units in the same system

If it is necessary to operate the compressors simultaneously at multiple outdoor units

start, beginning with unit No. 1, after a delay of a number of seconds equivalent to their system addresses.

\* For information concerning EEPROM settings, refer to the field application functions.

The units do not start simultaneously.

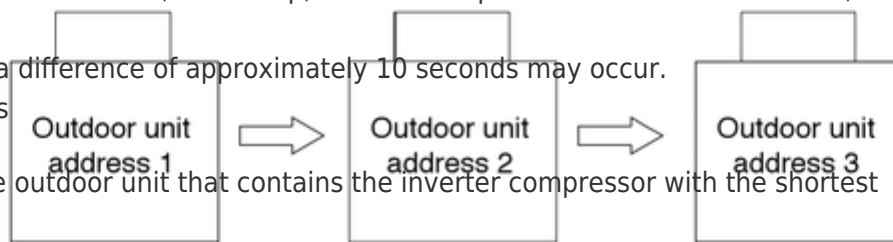
### 2-3. Outdoor Unit Stop Rules

This is in order to reduce the load on the power receiving equipment.

(1) Simultaneous stop of multiple outdoor units

When all outdoor units, or multiple outdoor units, must stop, the units stop at the same time. However, depending on the communications timing, a difference of approximately 10 seconds may occur.

(2) Stopping individual outdoor units



The last unit to stop operating is the outdoor unit that contains the inverter compressor with the shortest amount of operating time.

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In cooling mode, all inverter compressors in the outdoor units are designed to operate simultaneously.

Therefore, all the outdoor units will stop at a time when any one unit is stopped. In heating mode, the outdoor unit which has the inverter compressor with the shortest amount of operating time continues to run and the rest of the other outdoor units may be stopped.

(2) Delayed start for each system

At the time of factory shipment, delayed start for each system is not set to occur. Therefore when systems are linked and multiple systems are selected for start simultaneously by the central control device, all systems will begin operating simultaneously. For this reason, a function is included to delay the start time for each system address when systems are linked and multiple systems are selected for start by the central control device.

Outdoor unit

address 1

address 2

Starts after 2 seconds

Outdoor unit

address 3

Starts after 3 seconds

1 - 3

W-2WAY ECO-i SYSTEM

### 2-3. Outdoor Unit Stop Rules

Control Functions

(1) Simultaneous stop of multiple outdoor units

When all outdoor units, or multiple outdoor units, must stop, the units stop at the same time. However, depending on the communications timing, a difference of approximately 10 seconds may occur.

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[SAP-K71GJHA Operation With The Remote Control Unit](#)

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[MINI ECO-i XHX1252 Outdoor Unit Pcb Setting](#)

Sanyo MINI ECO-i XHX1252

[Mini ECO-i CHXR03652 Outdoor Unit Electronic Control Valve \(Motor Valve\) Control \[Mov1\]](#)

Sanyo Mini ECO-i CHXR03652

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](#)