Configuration Mode using the ductless remote.

Focusing on Indoor fan configuration from default fan low speed operation during thermal off to fan off during thermal off

RG57F3(B)/BGEFU1
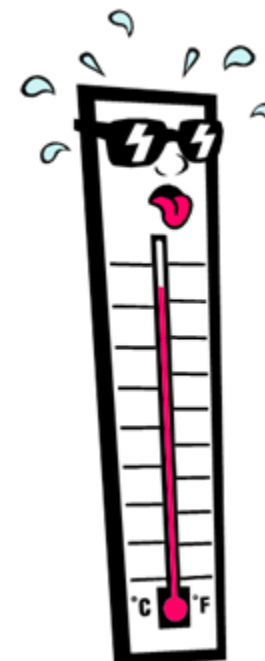**Wireless Remote Controller**

Service Manual

TABLE OF CONTENTS

INTRODUCTION

This service manual provides the necessary information to use the service functions on the RG57 wireless remote controller. Use the Table of Contents to locate a desired topic.

Fig. 1 – Remote Controller

Catalog No. SG–RG57–02

Replaces: SG–RG57–01

Multi Zone

- The low fan can be configured to be off in thermal off

DEFAULT VALUES OF INDOOR UNITS

Table 2—Default Values of Indoor Units

Description	Remote Code	High Wall	Cassette	Ducted	Floor Console
Auto–Start Function	F1	ON	ON	ON	ON
Heating Temperature Compensation	F2	2C	6C	6C	0C
Anti–Cold Air Function	F3	NORMAL	NORMAL	NORMAL	NORMAL
Indoor Fan Motor Speed Control after Set Temperature is Reached	F4	LOWEST SPEED	SET SPEED	SET SPEED	SET SPEED
Louver Angle Memory Function	F5	ON	N/A	N/A	N/A
Heating Only or Cooling and Heating Setting	F6	CH	CH	CH	CH
Cooling Temperature Compensation	F7	–2C	–2C	–2C	–2C
Refrigerant Leakage Detection	F8	ON	ON	ON	ON
Cleaning Filter Reminder	F9	OFF	OFF	OFF	OFF
Filter Replacement Reminder	E1	OFF	OFF	OFF	OFF
Lowest Temperature Setting	E2	17C	17C	17C	17C
Highest Temperature Setting	E3	30C	30C	30C	30C
Special Anti–Cold Air Function Setting	E4	N/A	N/A	N/A	N/A
Priority Setting of Heating or Cooling (Multi–Zone Systems only)	E5	H	H	H	H
Network Address Setting	E6	N/A	N/A	N/A	N/A
Capacity Code Selection	E7	N/A	N/A	N/A	N/A
Twins Setting	E8	N/A	N/A	N/A	N/A
Static Pressure Setting	E9	N/A	N/A	0	N/A

Indoor Fan Motor Speed Control after Set Temperature is Reached (F4)
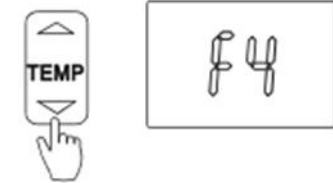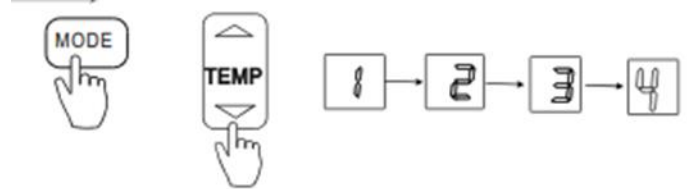
1. Press ▲ and ▼ to select "F4".

Fig. 26 – Select F4

2. Press **MODE**. Next, press ▲ and ▼ to select "1", "2", "3", or "4".

| Indicates fan motor stopping |
| Indicates unit operating at lowest fan speed |
| Indicates unit operating at setting fan speed |
| Indicates intermittent function (1 min ON / 4 min OFF) |

Fig. 27 – Select a number

3. Press **TIMER ON** to confirm.

Fig. 28 – TIMER ON

Service Remote

ACCESSING THE SERVICE FUNCTIONS

Caution: Read and understand the function changes you wish to make in advance. The remote will not read the parameters in the unit.
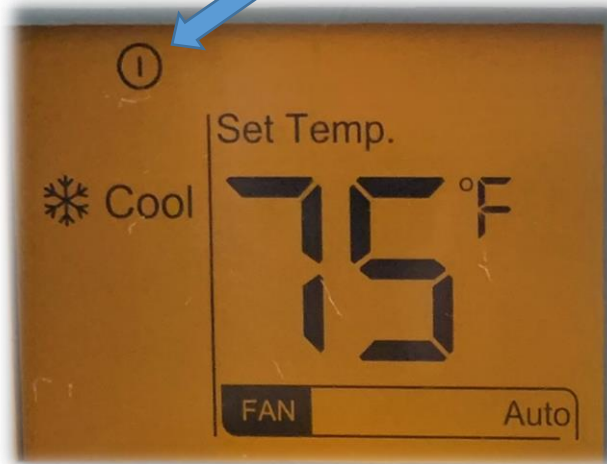
The remote only sends the command. It will not receive info from the indoor unit or state what it is defaulted to.

Service Remote

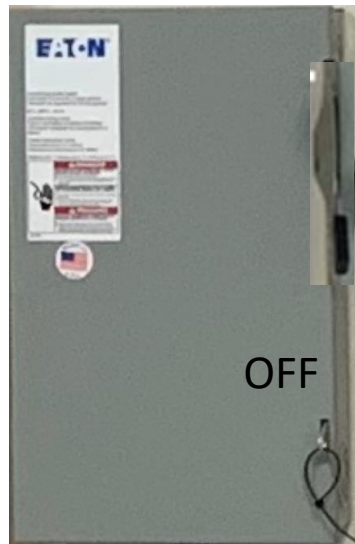1. Before using the service functions of the remote, turn OFF the indoor unit with the remote.

ON/OFF

POWER OFF: Press to turn off the unit

Set Temp.

❄ Cool **75** °F

FAN   Auto

Service Remote

2. Turn <u>off</u> the power to the outdoor unit for 2 minutes. Turn the power back <u>on</u>.
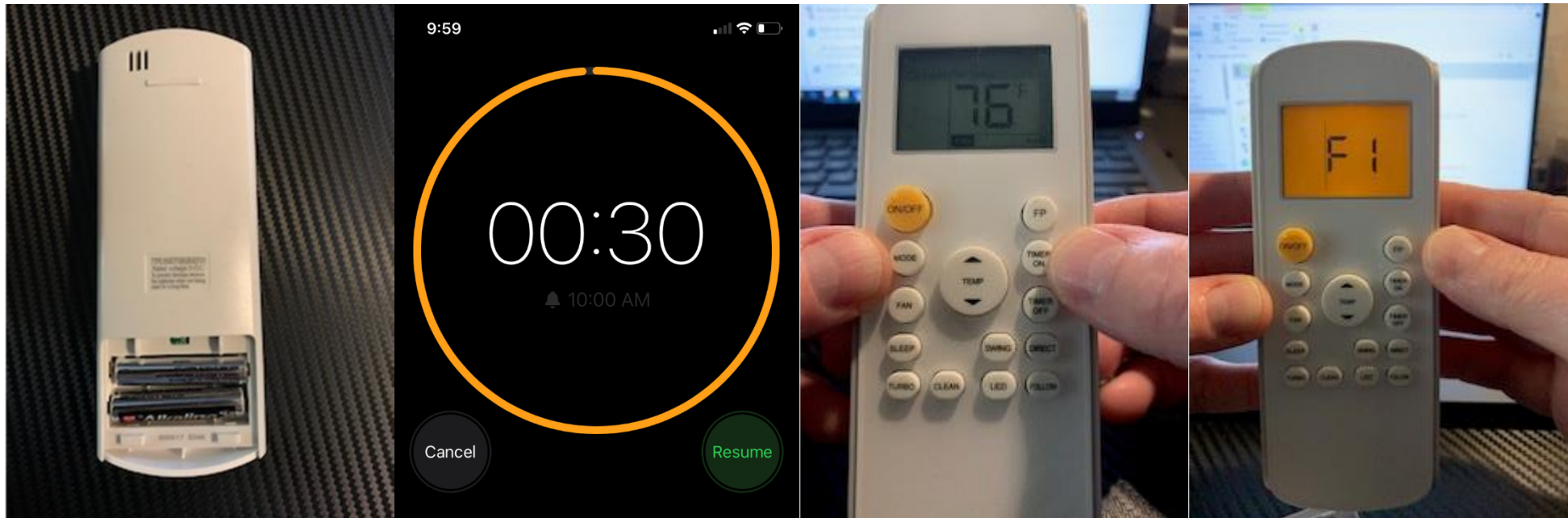

OFF

ON

Service Remote

3. Remove the batteries from the remote and wait for the remote screen to clear.

Service Remote

4. Within 30 seconds of replacing the batteries, simultaneously press **MODE** and **TIMER ON** for five (5) seconds.

5. You are now in the **SERVICE FUNCTION** mode – and the remote display reads **F1**.

Service Remote

6. Use **TEMP UP/DOWN** to find and display the parameter you want to change.

DEFAULT VALUES OF INDOOR UNITS

Table 2—Default Values of Indoor Units

Description	Remote Code	High Wall	Cassette	Ducted	Floor Console
Auto–Start Function	F1	ON	ON	ON	ON
Heating Temperature Compensation	F2	2C	6C	6C	0C
Anti–Cold Air Function	F3	NORMAL	NORMAL	NORMAL	NORMAL
Indoor Fan Motor Speed Control after Set Temperature is Reached	F4	LOWEST SPEED	SET SPEED	SET SPEED	SET SPEED
Louver Angle Memory Function	F5	ON	N/A	N/A	N/A
Heating Only or Cooling and Heating Setting	F6	CH	CH	CH	CH
Cooling Temperature Compensation	F7	–2C	–2C	–2C	–2C
Refrigerant Leakage Detection	F8	ON	ON	ON	ON
Cleaning Filter Reminder	F9	OFF	OFF	OFF	OFF
Filter Replacement Reminder	E1	OFF	OFF	OFF	OFF
Lowest Temperature Setting	E2	17C	17C	17C	17C
Highest Temperature Setting	E3	30C	30C	30C	30C
Special Anti–Cold Air Function Setting	E4	N/A	N/A	N/A	N/A
Priority Setting of Heating or Cooling (Multi–Zone Systems only)	E5	H	H	H	H
Network Address Setting	E6	N/A	N/A	N/A	N/A
Capacity Code Selection	E7	N/A	N/A	N/A	N/A
Twins Setting	E8	N/A	N/A	N/A	N/A
Static Pressure Setting	E9	N/A	N/A	0	N/A

Service Remote

7. When the parameter you want to change is displayed, press **MODE** (parameters displayed after pressing **MODE** are default values only, NOT the values stored in the controller).

Indoor Fan Motor Speed Control after Set Temperature is Reached (F4)
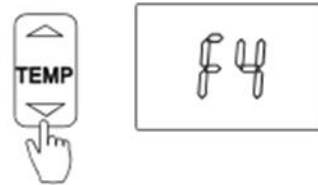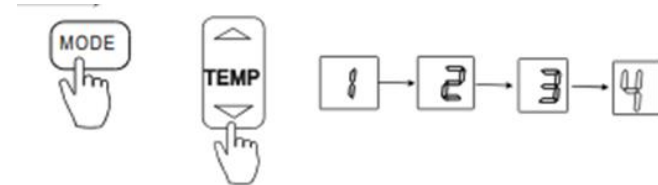
1. Press ▲ and ▼ to select "F4".

Fig. 26 – Select F4

2. Press **MODE**. Next, press ▲ and ▼ to select "1", "2", "3", or "4".

Symbol	Description
1	Indicates fan motor stopping
2	Indicates unit operating at lowest fan speed
3	Indicates unit operating at setting fan speed
4	Indicates intermittent function (1 min ON / 4 min OFF)

Fig. 27 – Select a number

3. Press **TIMER ON** to confirm.

Fig. 28 – TIMER ON

Service Remote

8. To change the parameter use the **TEMP UP/DOWN** until the value you want is displayed.

MODE

TEMP

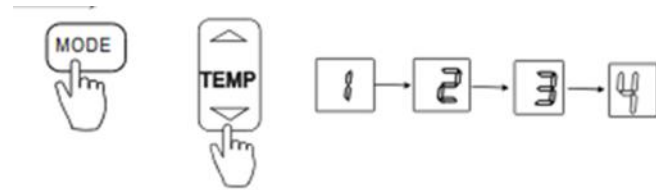$l \rightarrow 2 \rightarrow 3 \rightarrow 4$

l Indicates fan motor stopping

2 Indicates unit operating at lowest fan speed

3 Indicates unit operating at setting fan speed

4 Indicates intermittent function (1 min ON / 4 min OFF)

Fig. 27 – Select a number

3. Press **TIMER ON** to confirm.

TIMER ON

Fig. 28 – TIMER ON

Service Remote

9. Press **TIMER ON** to confirm the new setting value and transmit it to the Indoor Unit. "LL" will briefly be displayed on the indoor unit.

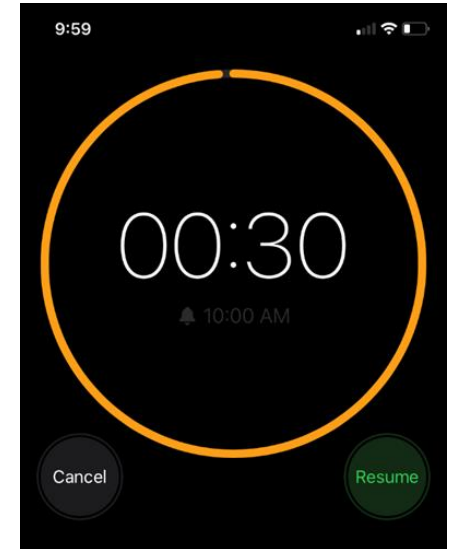

Point the remote at the indoor unit

Service Remote

11. When finished with ALL changes, simultaneously press **SLEEP** and **DIRECT** for two (2) seconds until display beeps.

Service Remote
The remote will not come out of svc mode until the batteries are removed

12. Remove batteries from the remote and wait for one (1) minute before replacing them. Wait another thirty (30) seconds after remote display returns to set point value.

Service Remote

13. The remote is now restored to normal function and you may operate the system – you do NOT have to cycle power again.

Service Remote

- If "LL" will not clear from the indoor display, it is stuck in service mode.
- Repeat the previous steps to bring the indoor unit out of service mode

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