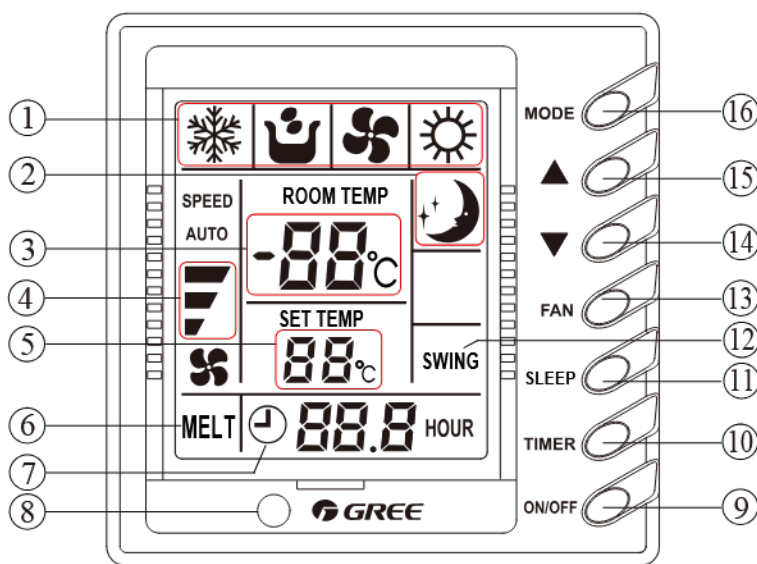# 3 WIRED CONTROLLER

Z60351F,Z60151F is applicable to duct type, Z60151F only for cooling only unit.

Z63351F,Z63151F is applicable to cassette type,wall mounted type,floor ceiling type.Z63151F only for cooling only unit.

XK02 is applicable to E-Series duct type.

3.1 Wired Controller Z60351F,Z60151F,Z63351F,Z63151F

3.1.1 Operation View

Wired Controller Z60351F,Z60151F

	Components of wired remote controller			
1	Operating mode display (Cool, Dry, Fan, Heat)	9	On/Off button
2	Sleep mode display	10	Timer button
3	Environmental temp. display /Malfunction display	11	Sleep button
4	Fan control display (automatic, high, medium, low)	12	Swing display
5	Set Temp. display	13	Fan control button
6	Defrosting display	14	Temp./ Timer decrease button
7	Timer display	15	Temp./ Timer increase button
8	Signal receiver	16	Mode button
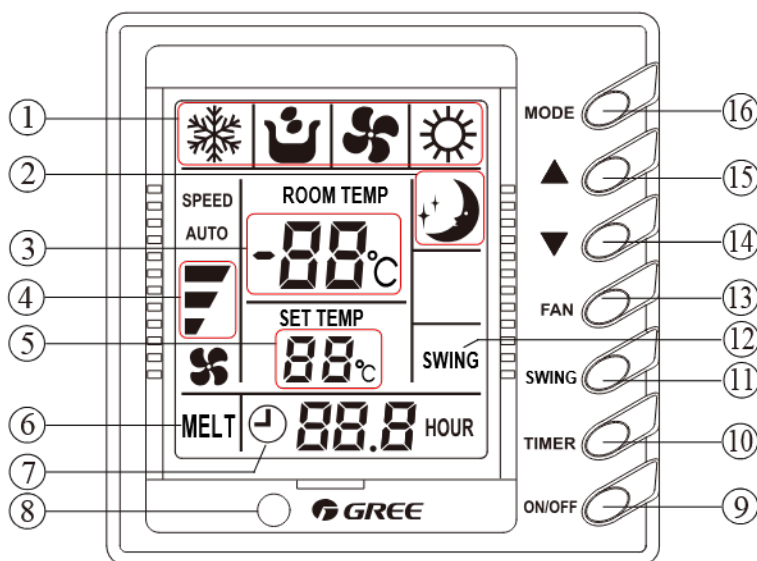
Wired Controller Z63351F,Z63151F

|	Components of the wired remote controller			
1	Operating mode display (Cool, Dry, Fan, Heat)	9	On/Off button
2	Sleep mode display	10	Timer button
3	Environmental temp.display / Malfunction display	11	Swing button
4	Fan control display (automatic, high, medium, low)	12	Swing display
5	Set Temp. display	13	Fan control button
6	Defrosting display	14	Temp. / Timer reducing button
7	Timer display	15	Temp. / Timer rising button
8	Signal receiver	16	Mode button

3.1.2 Dimension
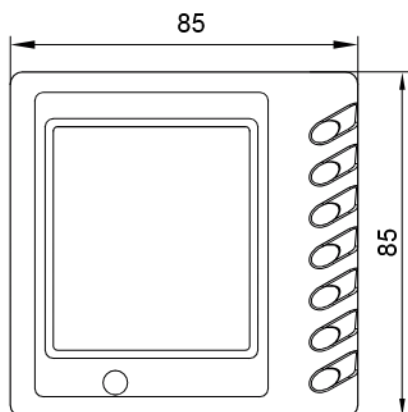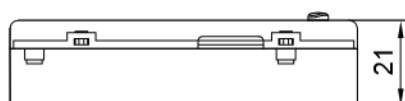
Outline Dimension of Wired Controller
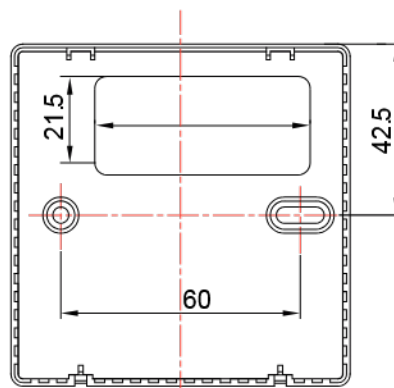
Installation Dimension of Wired Controller

3.1.3 Installation
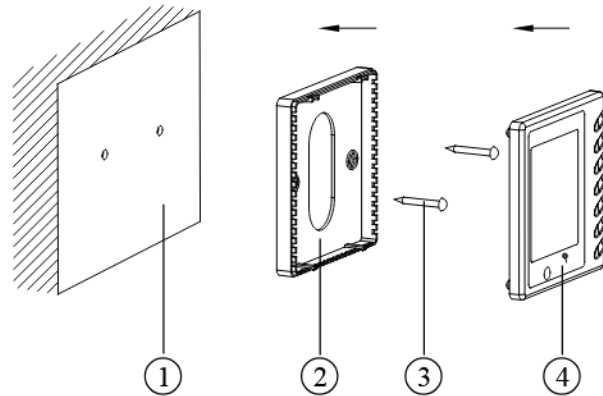
SN	1	2	3	4
Name	Casing Base	Controller Soleplate	Screw M4X25	Controller Panel

Notice for installation under the guidance
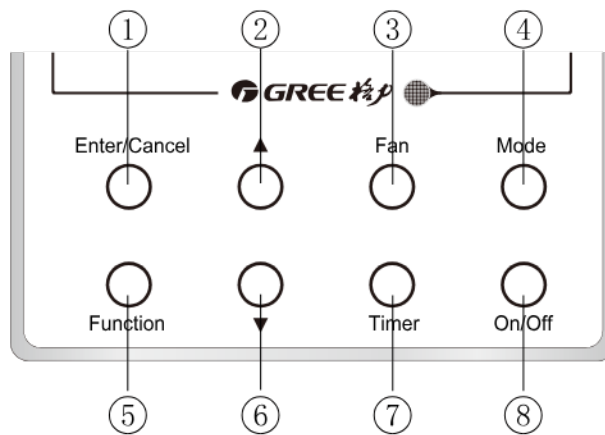
①. Cut off power supply before installing the electrical components;it is forbidden to carry out the installation with power on;

②. Get one end of the four-wire communication cable through the rectangular hole at the soleplate of the wired remote controller.

③. Hold the soleplate against the wall and then fix it with M4*25 screws.

④. Insert the four-wire communication cable into the slot on the wired remote controller, and then fix the controller panel with the soleplate together.

3.2 Wired Controller XK02

3.2.1 Operation View
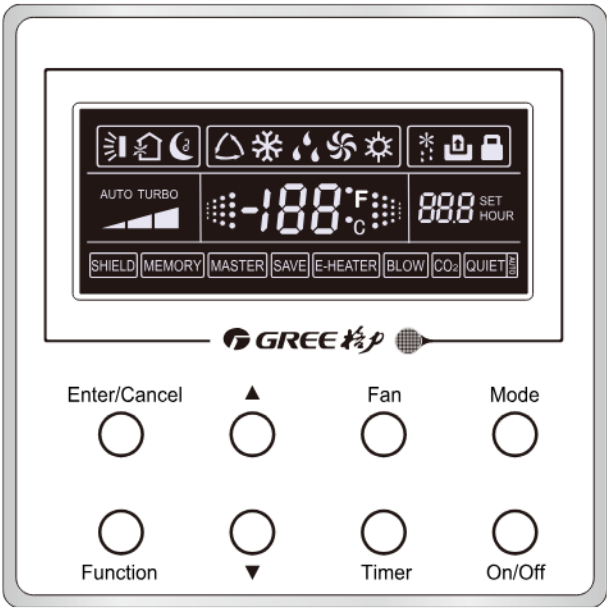
Icon	Name	Function
	Swing	Swing function
	Sleep	Sleep states (3 types: sleep 1,sleep2 and sleep 3)
	Running mode	Running modes of the indoor unit (Cooling, Dry, Fan and Heating)
	Cooling	Cooling mode
	Dry	Dry mode
	Fan	Fan mode
	Heating	Heating mode
	Defrost	Defrosting state
	Gate-control card	Gate control
	Lock	Lock state
TURBO	TURBO	Turbo state
	Speed	High, middle, low or auto fan speed of the indoor unit
	Twinkle	It blinks under on state of the unit without operation of any button.
-188°F °C	Temperature	Ambient/preset temperature value
88.8	Timing	Timing state
SHIELD	SHIELD	Shield state (buttons, temperature, On/Off, Mode or Save is shielded by the remote monitor).
MEMORY	MEMORY	Memory state (The indoor unit resumes the original setting state after power failure and then power recovery)
MASTER	MASTER	Master wired controller
SAVE	SAVE	Energy-saving state
E-HEATER	E-HEATER	Electric auxiliary heating state
BLOW	BLOW	Blow state
QUIET	QUIET	Quiet state(two types: quiet and auto quiet)

47 CONTROL

| No.	Button(s)	Function(s)
1	Enter/Cancel	1. Function selection and cancellation 2. Press it for 5s to examine the outdoor ambient temperature.
2	▲	1.Running temperature setting of the indoor unit, range:16~30℃ 2.Timer setting, range:0.5-24HR 3.Switchover between quiet/auto quiet or among sleep1/ sleep2 / sleep3
6	▼	
3	Fan	Setting of the high/middle/low/auto fan speed
4	Mode	Setting of the Cooling/Heating/Fan/Dry mode of the indoor unit
5	Function	Switchover among the functions of Swing/Sleep/Turbo/ Master/Save/E-heater/Blow /Quiet etc.
7	Timer	Timer setting
8	On/Off	Turn on/off the indoor unit
4 +2	Mode + ▲	Press them for 5s under off state of the unit to enter/cancel the Memory function (If memory is set, indoor unit after power failure and then power recovery will resume the original setting state. If not, the indoor unit is defaulted to be off after power recovery. Memory Off is factory defaulted.)
3 + 6	Fan + ▼	By pressing them at the same time under off state of the unit, ❄ will be displayed on the wired controller for the cooling only unit, while ❄ will be displayed on the wired controller for the cooling and heating unit.
2 + 6	▲ + ▼	Upon startup of the unit without malfunction or under off state of the unit, press them at the same time for 5s to enter the lock state, in which case, any other buttons won't respond the press. Repress them for 5s to quit this state.
4 + 5	Mode + Function	1.By pressing them under off state of the unit at the same time, the address of the wired controller will be displayed at once; 2. By pressing them for 5s under off state of the unit at the same time, the address setting is available.
1 + 5	Enter/Cancel + Function	By pressing them simultaneously, the address of the master wired controller will be displayed.
2 + 5	▲ + Function	By pressing them for 5s under off state of the unit at the same time, the control of the master wired controller can be canceled.
4+6	Mode + ▼	When the unit is turned off, press them for 5 seconds simultaneously, display panel will switch between ℃ and ℉.
5+6	Function+ ▼	In any conditions, press them for 5 seconds to review status. Under reviewing status, Mode changes to "00" in temp display area and press "▲"/"▼"to adjust the display. Timer display area will show the serial number of error and error code. The final error shown is the 5th error.

3.2.2 Dimension
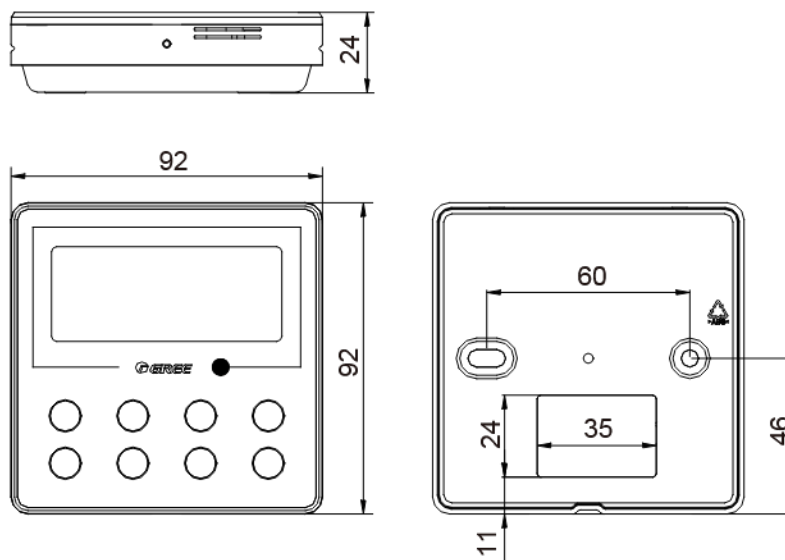
3.2.3 Installation of Wired Controller
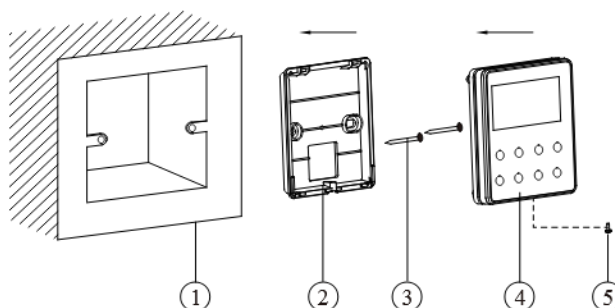
| No.	1	2	3	4	5
Name	Casing Base	Soleplate	Screw M4X25	Control Panel	Screw ST2.9X6

Notice for installation under the guidance

①. Cut off power supply before installing the electrical components;it is forbidden to carry out the installation with power on;

②. Get one end of the four-wire communication cable through the rectangular hole at the soleplate of the wired remote controller.

③. Hold the soleplate against the wall and then fix it with M4X25 screws.

④. Insert the four-wire communication cable into the slot on the wired remote controller, and then fix the controller panel with the soleplate together.

⑤. At last, fix the controller's front panel and soleplate with screws ST2.9X6.

NOTE:See the VRF Outdoor Unit Service Manual for other detailed control information related to the regional controller ZJA011, smart zone controller CE50-24/E, centralized controller CE51-24/E(M), and key-card control board MK03 etc.
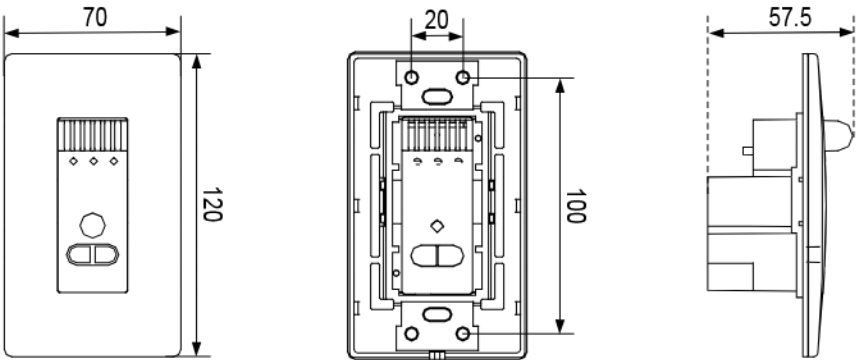
4 RECEIVER

Operation Instruction to Receiver of Ducted Type Indoor Units

Outline Drawing

Indicating LED

Receive window

Cooling/Heating Button
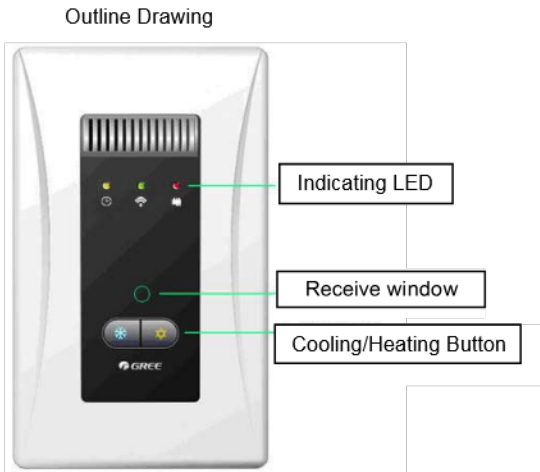
◆ Dimensions Data

Unit:mm

◆ Installation:

• Select the installation location for the receiver in accordance with the dimension of the communication wire and also for the unit, and keep a notch and a embedding groove for their installation.

• Drill holes on the mounting wall in accordance with the figure below, and fill each hole with foaming plastic.

• Embed the communication wire and fix the receiver with screws, after that, replace the front panel.
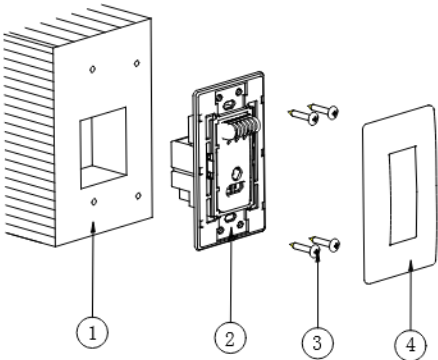
No.	Name
1	Wall or Ceiling
2	Receiver
3	Screw
4	Front Panel

◆ Setting Procedure

Step 1: The unit is in the state without power.

Step 2: Set S7 functional DIP switch.If receiver is selected, the S7 functional DIP switch on mainboard should be set.