Note: If you set a value much lower than 24°c in summer or much higher in winter, it may cause your air conditioning device to work continuously. The set point which causes the device to work continuously depends on outside temperature, air conditioning device heating and cooling capacity, and some other factors related to your building.

Note: If you set a value much higher than 24°c in summer or much lower in winter, it may cause your air conditioner to not start working. For a brief on the conditions which cause such a behavior refer to the previous note.

1.4.3. Season settings (Menu item 3)

Set the current season for the controller to work properly.
Setting the "Heating" in this field causes the controller to switch the air conditioner on, if the room temperature is lower than desired.
In "Cooling" mode, the air conditioner switches on if the room temperature is Higher than desired.
Use "Right" or "Left" key to adjust the current season. The result appears at "Season setting" section of the screen (Refer to section 1.2 to find "Season setting" section of the screen and section 1.1 for "Right" and "Left" keys).
Notice: Not setting this field correctly may cause your air conditioner not to start working.

1.4.4. English / Local (Menu item 4)
It indicates language of the items of the status bar. If "English" is selected, all menu functions will appear in English. If local is selected, all menu functions of the status bar will appear in your local language.
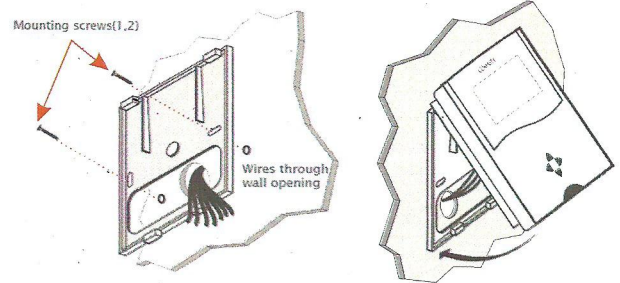
1.5. Back light

Pressing any keys on the wall mounted unit turns on the back light for several seconds. It enhances reading during the night.

2. Installation guide

2.1. Mounting the wall mounted unit and wiring

Position the mounting plate on the wall. Level the mounting plate. Use a pencil to mark the mounting holes. Remove the plate from the wall and drill 3/16" holes in wall. Tap anchors into drilled holes. Reposition the plate and loosely insert two mounting screws into the holes. Level the plate for appearance. Tighten mounting screws. The sketch below shows the proper wiring technique. Also refer to section 2.4 for arrangement of the wires.

Engage tabs at the top of the units and the wall plate. Gently press lower edge of the case to latch.
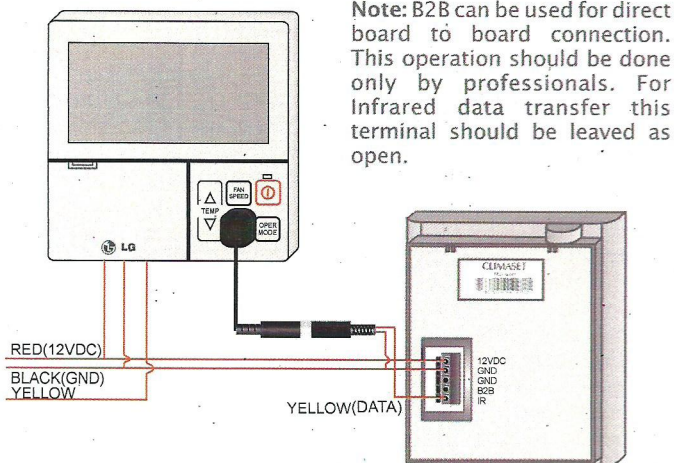To remove the "Wall mounted unit" from the wall, the top should be pulled out first.

2.4. Wall mounted unit connectors

Connector Unit	Description	Input / Output	Electrical Characteristics
1	VCC	Input	+12VDC
2	GND	Input	GND
3	GND	Input	GND
4	B2B	Output	0/5 VDC
5	IR	Output	0/5 VDC

2.5. Wiring diagram

Please refer to sketch below for the wirings.

Note: B2B can be used for direct board to board connection. This operation should be done only by professionals. For Infrared data transfer this terminal should be leaved as open.

RED(12VDC)
BLACK(GND)
YELLOW
YELLOW(DATA)

3. Care and maintenance

Care should be taken about the following items which may cause warranty obligation.

1. Keep the remote controller unit out of reach of children.
2. Do not use detergents or any chemicals to clean the Climaset. It may cause damages to electronic parts inside.
3. Climaset is designed to be used for residential comfort. Do not store it in hot or cold areas. Also it should not be stored in dirty or dusty environment.
4. Do not attempt to open any part of the Climaset. There is no part inside which you can service. Ask your local dealer for services, if necessary.
5. Do not drop the remote controller. Take care in handling remote controller.
6. Keep the Climaset dry. Moisture may cause irreparable damages on electronic parts.
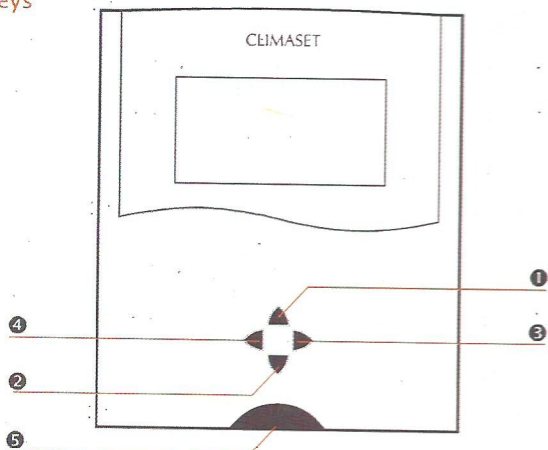
4. Specifications

Wall mounted unit	Max. Withstanding Voltage	24 VDC
	Max. Operational Voltage	15 VDC
	Temperature Sensitivity	0.1 °C
	Display Resolution	128×64
	Backlight	Enabled
	Display Width	66 mm / 2.6 inches
	Display Length	32.7 mm / 1.3 inches
	Width	130 mm / 5.1 inches
	Length	110 mm / 4.3 inches
	Height	42 mm / 1.6 inches
Operating condition	Temperature	0 °C to 70 °C
	Humidity	5% to 90% non-Condensing

1. Your Climaset

Climaset PDX Gi10 series are designed to work in conjunction with LG® wired remote controller units to enhance LG® air conditioners with hot water coil option. It has the following functions:

1. Measurement of room temperature.
2. Interaction with user to adjust set points.
3. Interaction with fan to adjust the desirable fan speed and turn it on/off according to temperature difference or user command.
4. Interaction with user to choose between heating or cooling mode.
5. Interaction with LG® wired remote controller through its infra red receiver sensor.

1.1. Keys

❶ "Up" and ❷ "Down":
   Use these keys to scroll the menus.
❸ "Right" and ❹ "Left":
   Use these keys to adjust the values in each menu item.
❺ "Power":
   On/Off switch.

Note: The icon just represents the selected fan speed. The device may be on or off due to difference between room and desired temperature or power status setting of the wall mounted unit.
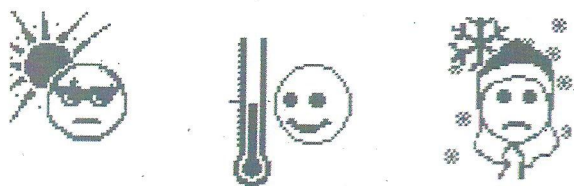
❻ Auto: This icon appears if "Auto" mode is selected. It means the device automatically selects the appropriate fan speed which is proportional to the temperature difference between the room and desired. So by approaching to the desired temperature the fan speed reduces. The feature is called "Automatic fan speed changeover".

❼ Animated icon: It reacts based on temperature difference between the "Desired" and the "Room".

The left icon appears when the room temperature is above the comfort range. Comfort range is up to 1°c above the "Desired" in summer or up to 1°c below the "Desired" in winter.
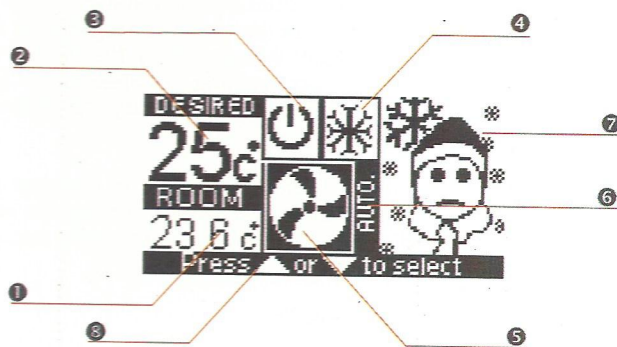The middle icon indicates that the room temperature is in the comfort range.
The right icon shows the room temperature is below the comfort.

❽ Status bar: Indicates the "Menu item" you wish to adjust. Use "Up" or "Down" keys to surf through these menus (Refer to section 1.1 for "Up" and "Down" keys).

1.2. Screen elements

❶ Room temperature: Indicates the current room temperature.

❷ Desired temperature: Your desired room temperature.

❸ Power status:

   ◩ Air conditioner apparatus is on.
   ◔ Air conditioner apparatus is off.

❹ Season setting:

   ❄ The device is adjusted to work in heating mode.
   ❄ The device is adjusted to work in cooling mode.

❺ Fan status: Indicates a schematic of the selected fan speed. The number of the blades is proportional to the selected fan speed.

| High speed | Medium speed | Low speed |

1.3. Using the menu

1.3.1. Accessing a menu function

Scroll with the "Up" or "Down" keys to access the desired menu function. Use "Right" or "Left" keys to adjust the set points (Refer to section 1.1 for "Up", "Down", "Right" and "Left" keys) (Refer to section 1.4 on adjusting set points and their functions).

1.3.2. List of menu functions

1. Fan speed
2. Desired temperature
3. Season settings
4. English / Local

1.4. Menu functions

1.4.1. Fan speed (Menu item 1)
It represents the adjusted fan speed. Use "Left" key to decrease the fan speed or "Right" key to increase it.
Notice: Pressing the "Right" key while a maximum fan speed is selected enables the "Auto" mode (Please refer to section 1.2 for more description on "Auto" mode). You may exit the "Auto" mode by pressing the "Left" key in "Fan speed" menu, which causes the device to return to the maximum fan speed again.

1.4.2. Desired temperature (Menu item 2)
The temperature you like to maintain your room. The standard set point for comfort condition in the residential zones is 24°c, but you can set a higher or lower temperature if you wish.
The minimum allowable temperature is 16°c and the maximum is 31°c. You can use "Right" key to increase the value or "Left" key to decrease it (Refer to section 1.1 for "Right" and "Left" keys). As you change the value the result appears on the desired temperature section of the screen (Refer to section 1.2 to find the "Desired temperature" on the screen).