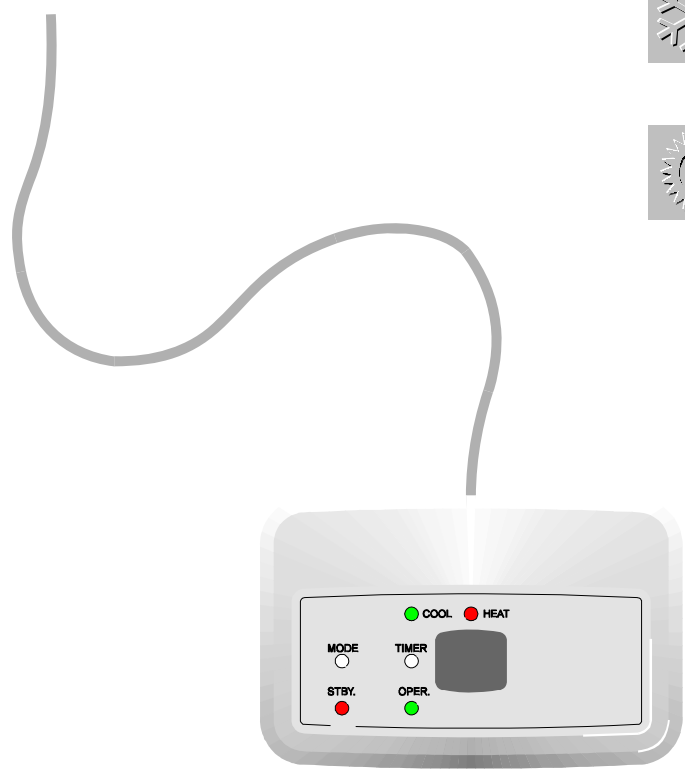


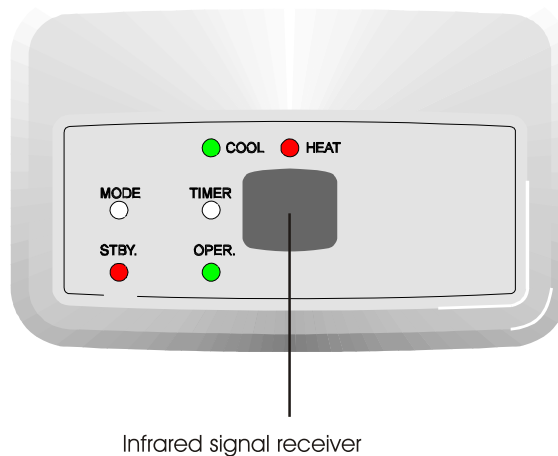
Comfort Range



AIR CONDITIONNING

INFRARED REMOTE CONTROL RECEIVER

- COOL: CoolingLED
HEAT: HeatingLED
TIMER : Timer active
- OPER : Operation LED. Comes on when the system is operating.
Flashes to indicate reception of an infrared signal.
OFF when compressor is disactivated in protection modes.
- STBY: StandbyLED . Lit when the system is connected and ready to receive commands from the remote control unit.
- MODE: Emergency switch. In case of unavailability of the remote unit, this switch is used to select heating or cooling.



Notes:

1) The COOL and HEAT LEDs only come on when the receiver MODE switch is used.

2) Protection Modes

Your air conditioner includes several automatic protection modes which enables you to use it virtually at any time and in any season, regardless of the outdoor temperature. Some of the protection modes are listed below:

Mode	Operation conditions	Protection from	Controlled remedy
Cooling	Low outdoor temperature	Indoor coil freezes up	Stops outdoor fan and compressor when approaching freezing conditions Resumes operation Automatically Operating indicator (Oper.) blinks.
	High outdoor temperature	Outdoor coil overheating	Stops compressor when approaching over heating conditions. Resumes operation automatically. Operating indicator(Oper.) blinks.
	Any	Indoor water overflowing	Stops compressor when approaching overflowing conditions. Resumes operation automatically. Operating indicator(Oper.) blinks. (Compatible in some models only)
Heating	Low outdoor temperature	Outdoor coil ice build up	Reverses operation from heating to cooling for short periods to de-ice outdoor coil. Operating indicator (Oper.) blinks.
	High Indoor or outdoor temperature	Indoor coil overheating	Stops outdoor fan and compressor when approaching high indoor coil temperature Resumes operation automatically. Operating indicator (Oper.) blinks.

3) In DCI models, when switching the unit to OFF after heating operation, the unit may perform outdoor coil deicing operation. In such a case, the compressor will continue to run for some time after the unit has switched to OFF . This feature is a part of the normal unit operation.

EXCEPTION FOR MULTI-SPLIT TYPE

In multi split applications where more than a single indoor unit is connected to the same outdoor unit, it may happen that the requested operation mode can not be operated. The reason for that is that the system is currently operating in a different mode.

The system operation mode can be either cooling or heating and is set by the outdoor unit controls, based on indoor and outdoor unit settings.

The rules for the mode settings may be different from one application to another.

In most applications the system operation mode will not be changed as long as there is an operating indoor unit requesting the active mode. The operation mode in such application will be set by the first indoor unit that is turned ON from Stand By.

The following table shows the indoor unit operation modes that can be operated per active system mode:

		System Active Mode	
		Cooling	Heating
Requested indoor unit operation mode	Cooling	v	x
	Heating	x	v
	Dry	v	x
	Auto Cool/Heat	v (cooling only)	v (heating only)
	Ventilation	v	x

(v - enabled indoor unit operation mode, X - disabled indoor unit operation mode)

Indoor unit operation when the requested mode is disabled is as following:

- Green (OPER) LED blinks once in two seconds;
- Indoor fan is forced off;

TEST MODE

Test mode is set only for performance testing purposes, and not for user operation.

Test mode can be initiated by either one of the following conditions:

1) Operating the unit with the following remote control settings and temperature conditions:

Cool Mode, SPT=16 °C and RAT = 27(+1/-2) °C and OAT = 35 (+2/-1) °C for 30 minutes ;

Heat Mode, SPT=30 °C and RAT = 20 ± 1 °C and OAT = 7 (+1/-2) °C for 30 minutes ;

2) Entering Diagnostics with Cool/SPT=16 °C or Heat/SPT=30 °C

Operating Temperature Range: -15 °C ~ 46 °C
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