



INSTRUCTION MANUAL

26" Through The Wall
Air Conditioner

STB Series

Cool Only Models

STB0810C1
STB1010C1
STB1020C1
STB1220C1

Cool/Heat Models

STB0811C1
STB1023C1
STB1123C1



Save These Instructions!

Contents

	Page
Product Information	2
Alert Symbols	2
Installation Location	3
Electrical Requirements	3
Safety Instructions	3
Names of Parts	4
Control Panel and Operation Functions	5
Other Features	7
Care and Cleaning	8
Tips for Energy Saving	9
Troubleshooting	10

Product Information

If you have problems or questions concerning your Air Conditioner, you will need the following information. Model and serial numbers are on the nameplate of the cabinet.

Model No. _____ Serial No. _____

Date of purchase _____

Dealer's address _____

Phone number _____

Alert Symbols

The following symbols used in this manual, alert you to potentially dangerous conditions to users, service personnel or the appliance:



WARNING

This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.



CAUTION

This symbol refers to a hazard or unsafe practice which can result in personal injury or product or property damage.

Installation Location

- We recommend that this air conditioner be installed properly by qualified installation technicians in accordance with the Installation Instructions provided with the unit.
- Before installation, check that the voltage of the electric supply in your home or office is the same as the voltage shown on the nameplate.



WARNING

- Do not install this air conditioner where there are fumes or flammable gases, or in an extremely humid space such as a greenhouse.
- Do not install the air conditioner where excessively high heat-generating objects are placed.

Electrical Requirements

1. All wiring must conform to the local electrical codes. Consult your dealer or a qualified electrician for details.
2. Each unit must be properly grounded with a ground (or earth) wire or through the supply wiring.
3. Wiring must be done by a qualified electrician.

Safety Instructions

- Read this Instruction Manual carefully before using this air conditioner. If you still have any difficulties or problems, consult your dealer for help.
- This air conditioner is designed to give you comfortable room conditions. Use this only for its intended purpose as described in this Instruction Manual.



WARNING

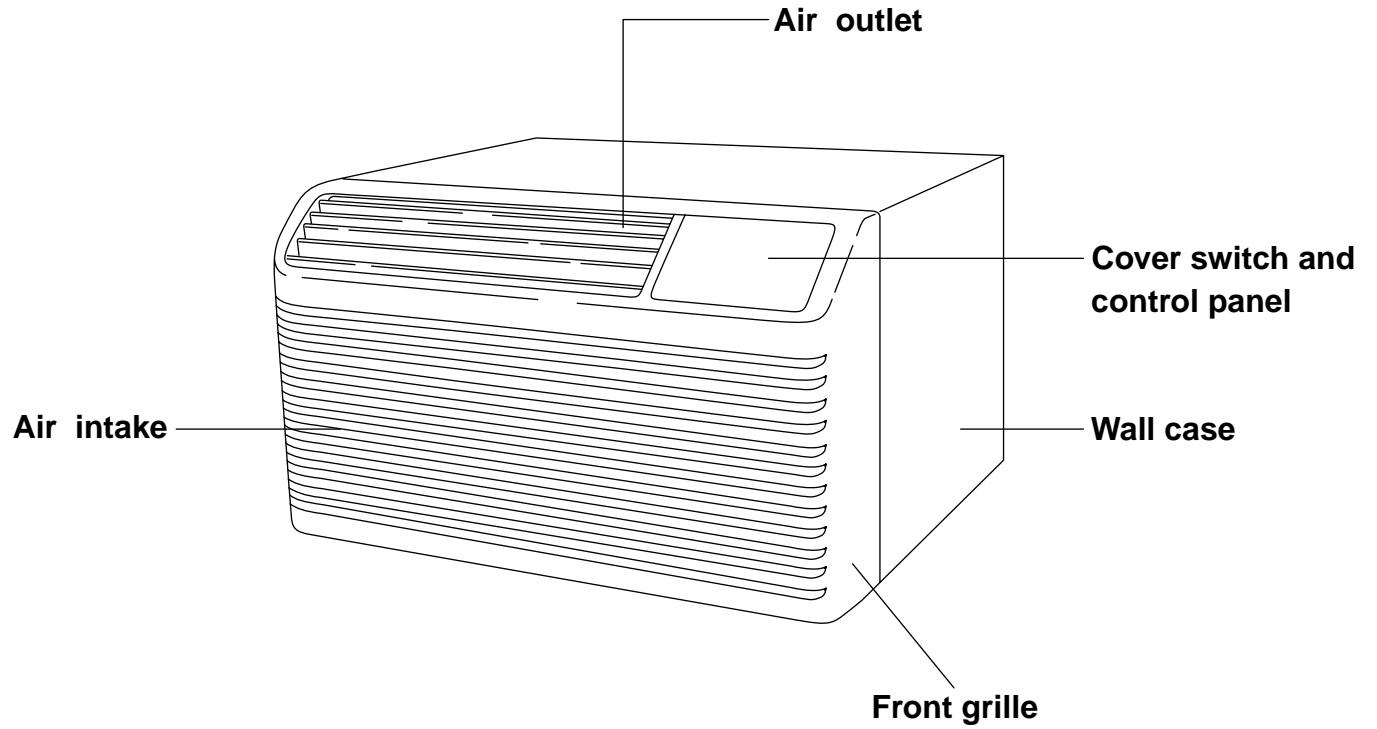
- Never use or store gasoline or other flammable vapor or liquid near the air conditioner – it is very dangerous.
- Never use an extension code with this air conditioner.



CAUTION

- Do not turn the air conditioner on and off from the power mains switch. Use the mode selector switch.
- Do not stick anything into the air outlet of the unit. This is dangerous because the fan is rotating at high speed.
- Do not let children play with the air conditioner.
- Do not cool or heat the room too much if babies or invalids are present.

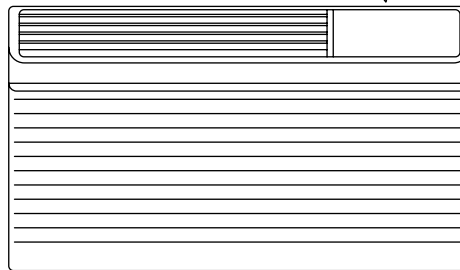
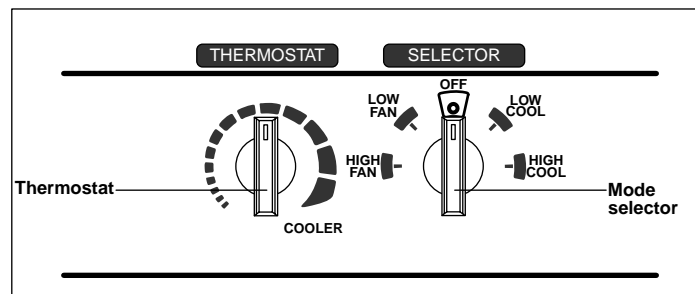
Names of Parts



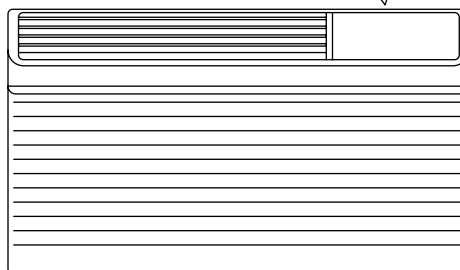
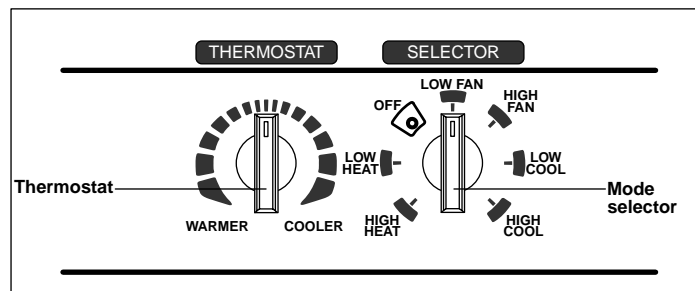
Air Intake	Air from the room is drawn into this section and passes through air filters which remove dust.
Air Outlet	Conditioned air is blown out of the air conditioner through the air outlet.

Control Panel and Operation Functions

Cool Only Model



Cool/Heat Model



Thermostat Control

The thermostat knob is used to control the room temperature. The unit automatically cycles on and off to maintain room temperature. A comfortable temperature will be maintained in most rooms when the control is set to about intermediate range.

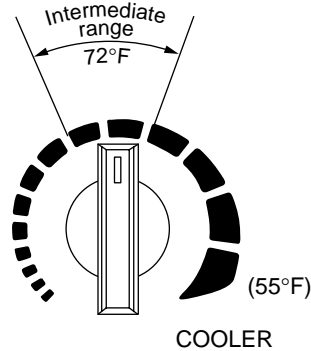
Mode Selector

HI HEAT provides heating with high fan speed operation.
 LOW HEAT provides heating with low fan speed operation.
 OFF setting stops heating or cooling operation. However, power remains connected to the unit.
 HI FAN/LO FAN provides fan operation without cooling or heating.
 HI COOL provides cooling with high fan speed operation.
 LO COOL provides cooling with low fan speed operation.

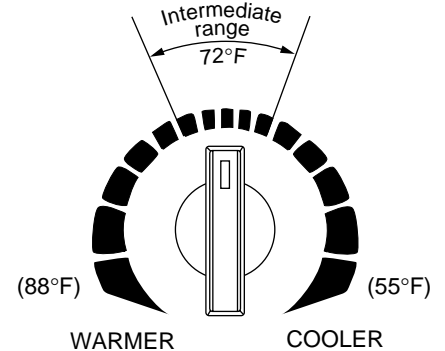
Control Panel and Operation Functions (continued)

THERMOSTAT (setting temperature guide)

Cooling Only Model



Cool/Heat Model



- Operation:
1. Set the mode selector for fan, cooling or heating operation.
 2. Set the thermostat to the desired position. (Refer to the setting temperature guide above.)
 3. Set the operation selector switch.

NOTE

The above temperatures are provided for reference only, and may differ from the actual temperature of the room.

How to stop the air conditioner:

To stop the air conditioner, set the mode selector to OFF position.

How to restart the air conditioner:

To restart the air conditioner, set the mode selector to desired position.



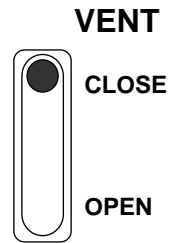
CAUTION

- 1) If the unit is turned off during cooling and heating, DO NOT restart it immediately, as this can damage it. Wait at least three minutes before starting it again.
- 2) Freezing Up:
If you notice that your air conditioner is not cooling as it should, it may be that ice has formed on the cooling coils. The ice blocks air flow and stops the unit from cooling the room. This "freezing up" is a temporary condition that most often occurs at night when the Thermostat is set on the coldest setting and the Selector is set on LOW COOL.
To correct the condition set the Selector at (H or L) FAN or HIGH COOL with the Thermostat with turning the thermostat knob to the opposite direction from "COOLER".

Other Features

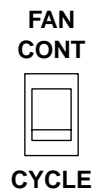
Ventilation Control

The Vent Control is located behind the front grille. When set at CLOSE, only the air inside the room can be circulated and conditioned. When set at OPEN, some indoor air can be exhausted from the room.



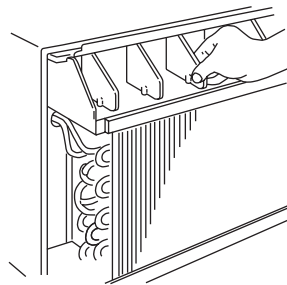
Fan Switch

The Fan Switch is located under the control panel. To reach it, you need to remove the front grille, knobs and the control panel.

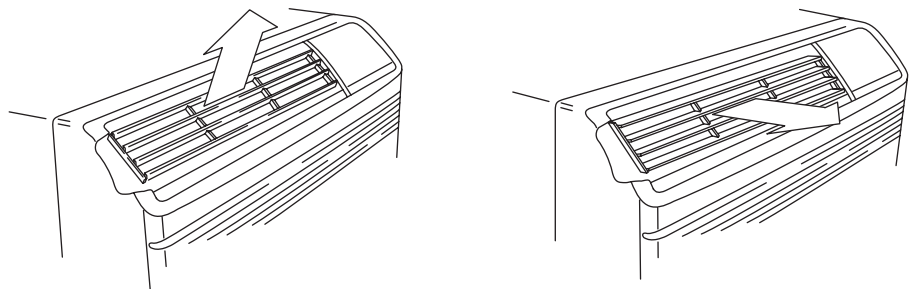


To Adjust the Air Direction

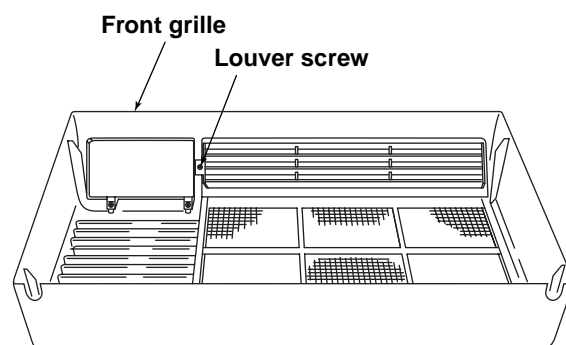
Remove the front grille to adjust the louvers side-to-side.



The direction of the heated or cooled air may be adjusted by removing and turning the louvers around.



To change the louver direction, remove the front grille and 1 louver screw that hold the louvers in place. Turn the louver section 180° (end for end), replace the screws and replace the front grille. The textured face of the louver section must be facing toward the room side.



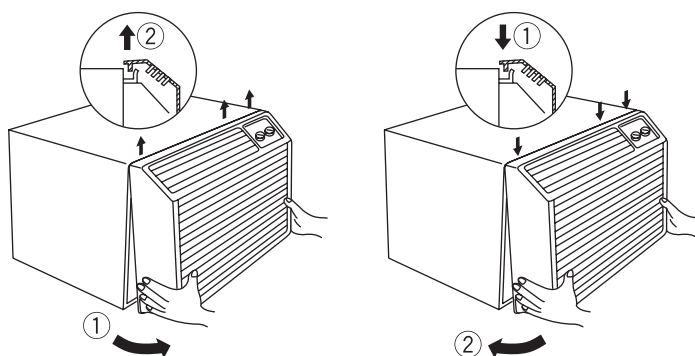
Care and Cleaning

- Front Grille & Wall Case** Wash the front grille and wall case finish with mild soap or detergent and lukewarm water.
- Control Panel** The control panel is shipped with a protective plastic film. This film can be left on or removed. To clean, use a damp cloth and mild detergent.
- Outdoor Coil** The coil on the outdoor side of the unit should be checked periodically and cleaned if clogged with dirt or soot from the atmosphere. If extremely dirty, it may need to be professionally steam cleaned.
- Base Pan** In some installations, dirt or other foreign matter may be blown into the from the outside and settle in the base pan (the bottom of the unit).

Check the base pan periodically and clean it out, if necessary.

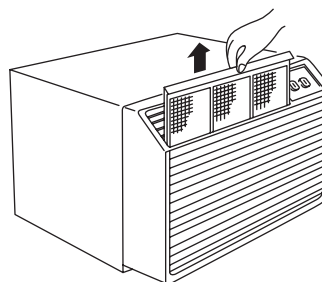
Front Grille Removal (appearance may vary)

The front grille can be removed for more thorough cleaning or to make the model and serial numbers accessible.



Air Filter (appearance may vary)

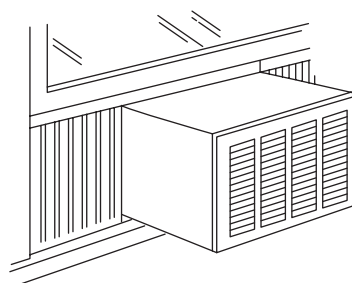
The air filter behind the front grille should be checked and cleaned at least every 30 days or more often if necessary.



Clean the filter with a vacuum cleaner to remove light dust. It can also be washed in warm, soapy water.

Condenser Coils

The coils on the weather side of the air conditioner should be checked regularly. If they are clogged with dirt or soot they may be professionally steam cleaned, a service available through your Sanyo service outlet.



Tips for Energy Saving

- Do not
- Block the air intake and outlet of the unit. If they are obstructed, the unit will not work well, and may be damaged.
 - Let direct sunlight into the room. Use sunshades, blinds or curtains. If the walls and ceiling of the room are warmed by the sun, it will take longer to cool the room.
- Do
- Keep the air filter clean. (Refer to "Care and Cleaning".)
 - A clogged filter will impair the performance of the unit.
 - To prevent conditioned air from escaping, keep windows, doors and any other openings closed.
 - Keep the ventilator closed for economy and maximum cooling.
 - Keep outdoor condenser coil clean.
 - It's best to operate your air conditioner at high speed during extremely hot or cold weather.

Troubleshooting

PROBLEM	POSSIBLE CAUSE AND REMEDY
AIR CONDITIONER DOES NOT OPERATE	<ul style="list-style-type: none">• Not plugged in. Plug may have been bumped loose by vacuum cleaner or furniture.• If plugged in, fuse could have blown or circuit breaker may have been tripped.
AIR CONDITIONER "DOES NOT HEAT OR COOL AS IT SHOULD"	<ul style="list-style-type: none">• Curtains, blinds or furniture blocking front of air conditioner will restrict air flow.• Thermostat Control may not be set high or low enough. Also, when Fan Switch is at CYCLE, the temperature in the room will vary more than when it's at CONTINUOUS. Turn knob to another number. Highest setting should provide maximum cooling. The lowest setting should provide maximum heating.• Air filter dirty, should be cleaned at least every 30 days.• Room may have been very hot or cold when air conditioner was first turned on. Allow time for it to cool down or warm up.• Conditioned air may be escaping through open furnace floor registers and cold air returns.• Cooling coils have iced up. To melt ice, set the Fan at high speed and the Thermostat Control to a lower number.
WATER LEAKS INSIDE	<ul style="list-style-type: none">• Air conditioner is not installed level. Install level or tilt slightly toward the outside.
WATER LEAKS OUTSIDE	<ul style="list-style-type: none">• Excess water may overflow in extremely hot and humid weather. This is normal.
NOISY OPERATION	<ul style="list-style-type: none">• When compressor or fan switches on and off, a metallic knock may be heard. This is normal.• Something is hitting or vibrating inside the cabinet. Turn off air conditioner and consult your dealer.

SANYO FISHER COMPANY
A DIVISION OF SANYO NORTH AMERICA CORPORATION
21605 Plummer Street
Chatsworth, CA 91311 U.S.A.

In Canada
SANYO Canada Inc.
300 Applewood Crescent,
Concord, Ontario
L4K 5C7, Canada