

CONVECTAIR

7735
7736
7737



OPERA
Radiant
Convectors

We value your feedback!

Your input helps to create even better products and experiences.

Share the warmth and leave a review.
convectair.com/sharethewarmth

 [YouTube/Convectair](https://www.youtube.com/Convectair) 



INSTALLATION AND USER'S GUIDE

To be read and kept by the user.

Foreword

Dear owner,

Congratulations on the purchase of your new **CONVECTAIR** electric heater.

To obtain the best results and the ultimate in performance and comfort, please take a moment to read the installation, operation and maintenance instructions detailed in this manual.

WARNING :

Your heater is equipped with a precise electronic thermostat. It must not be connected to a wall thermostat.

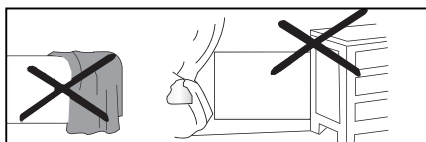
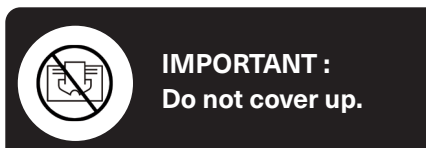
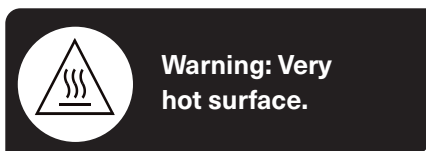
Table of Contents

| | |
|-------------------------------------|----|
| Safety | 3 |
| Quick Start | 5 |
| Specifications | 6 |
| Installation and Mounting | 7 |
| Electrical Connection | 11 |
| Operation | 12 |
| Troubleshooting | 28 |
| Automatic Thermal Safety | 29 |
| Maintenance | 29 |
| Identification of Your Device | 30 |
| Warranty | 30 |

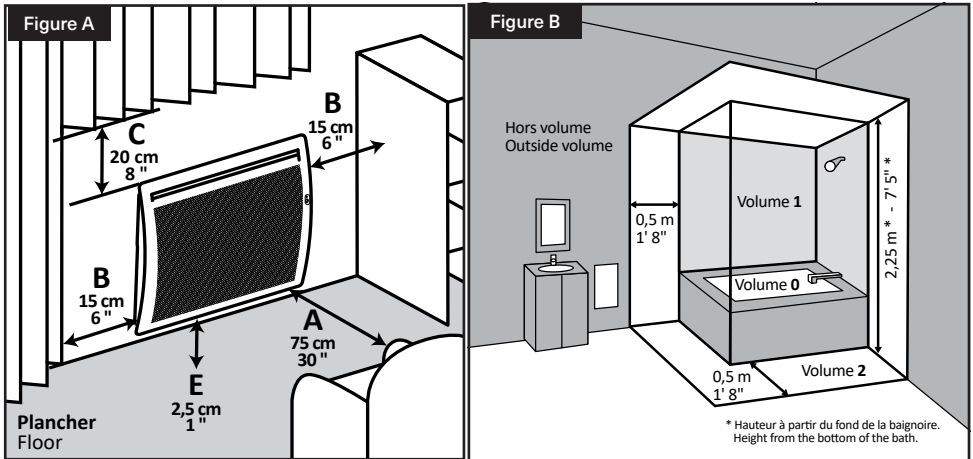
Safety

WARNING

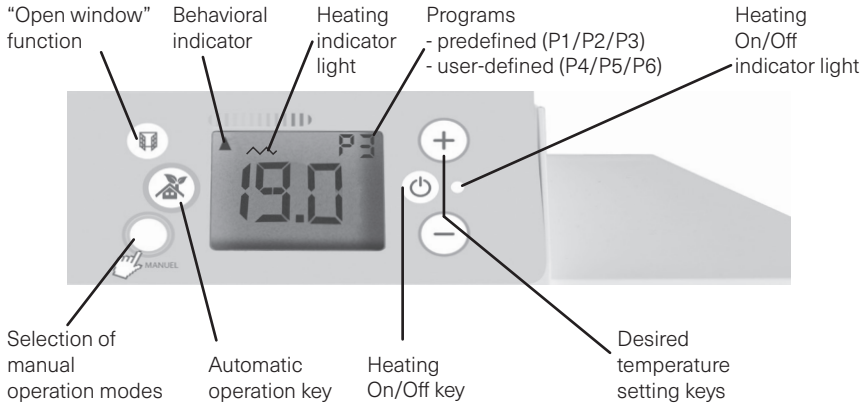
- 1 Certain parts of this product can get very hot and cause burns. Special care should be taken in the presence of children and vulnerable people.
- 2 This device may be used by children 8 years of age and over and by people with reduced physical, sensory or mental capabilities or lacking experience or knowledge, if they are adequately supervised or if instructions on the safe use of the device have been given and if the associated risks have been understood. Children must not play with the device. Cleaning and maintenance by the user must not be done or performed by children without supervision.
- 3 Children below the age of 3 should be kept at a distance unless they are under constant supervision.
- 4 Children between the ages of 3 and 8 must not plug in, adjust, clean or maintain the device.
- 5 Children between the ages of 3 and 8 can only turn the device on or off, as long as it has been placed or installed in the intended normal position and that these children are supervised or have been instructed on the safe use of the device and clearly understand the potential dangers involved.
- 6 If the device is covered up, there is a risk of overheating. The logo shown indicates this risk.
- 7 It is strictly forbidden to cover up or block the air inlets or outlets. Doing so may cause incidents or damage the device.



- 8 Do not insert any object in the device.
- 9 The device must not be installed under a power socket.
- 10 Minimum installation distances to the floor, walls, furniture, etc., must be respected. (Figure A). If the device is installed in a bathroom or powder room (Figure B), it must be installed outside of volume 2 at a minimum distance of 0.5 m from the bathtub and/or shower and must be fitted with a class A differential circuit breaker. **(IMPORTANT: See applicable national and local codes).**
- 11 If the power cable is damaged, it must be replaced by the manufacturer, its after-sales service personnel or a similarly qualified person to avoid any danger.
- 12 Avoid installing the device near a draft that could disrupt its control unit.
- 13 This direct electric heater is designed to ensure space heating of housing or rooms of an equivalent type, whether individual or collective, new or existing.
- 14 Your device is already equipped with a high-precision electronic thermostat. IT MUST NOT BE CONNECTED TO A WALL MOUNTED THERMOSTAT.**



Quick Start



Be sure to remove the protective film from the display.

| ACTIONS | PRESS | DISPLAY |
|---|-------|---------|
| Switch the heating on or off. | | |
| Set the temperature. | | |
| Modes To switch from one mode to another. | | |
| Comfort mode To adjust to the desired set point. | | |
| Economy mode Recommended for absences of less than 24 hr. | | |
| Frost protection mode Recommended for absences more than 24 hr. | | |
| "Open window" To enable or disable the function. | | |

Specifications

| Model | Voltage | Watts | Width | Height | Depth | Weight |
|-------------|---------|-----------|--------------------|--------------------|------------------|-------------------|
| Opera 12 | | | | | | |
| 7735-C07-FS | 240/208 | 750/565 | 33 1/2" 850 mm | 11 1/8" 284 mm | 3 7/8" 99 mm | 10.6 lb 4.8 kg |
| 7735-C10-FS | 240/208 | 1000/750 | 41 3/4" 1060 mm | 11 1/8" 284 mm | 3 7/8" 99 mm | 13 lb 5.9 kg |
| Opera 17 | | | | | | |
| 7736-C05-FS | 240/208 | 500/375 | 20 7/8" 532 mm | 17 3/8" 440 mm | 4 1/2" 113 mm | 9.9 lb 4.5 kg |
| 7736-C10-FS | 240/208 | 1000/750 | 25" 637 mm | 17 3/8" 440 mm | 4 1/2" 113 mm | 11.9 lb 5.4 kg |
| 7736-C15-FS | 240/208 | 1500/1125 | 33 1/4" 845 mm | 17 3/8" 440 mm | 4 1/2" 113 mm | 15.7 lb 7.1 kg |
| 7736-C20-FS | 240/208 | 2000/1500 | 41 1/2" 1054 mm | 17 3/8" 440 mm | 4 1/2" 113 mm | 19.4 lb 8.8 kg |
| Opera 46 | | | | | | |
| 7737-C10-FS | 240/208 | 1000/750 | 17 3/8" 440 mm | 33 3/8" 847 mm | 4 7/8" 124 mm | 15.7 lb 7.1 kg |
| 7737-C15-FS | 240/208 | 1500/1125 | 17 3/8" 440 mm | 41 5/8" 1057 mm | 4 7/8" 124 mm | 19.4 lb 8.8 kg |
| 7737-C20-FS | 240/208 | 2000/1500 | 17 3/8" 440 mm | 45 3/4" 1162 mm | 4 7/8" 124 mm | 21.2 lb 9.6 kg |

Installation and Mounting

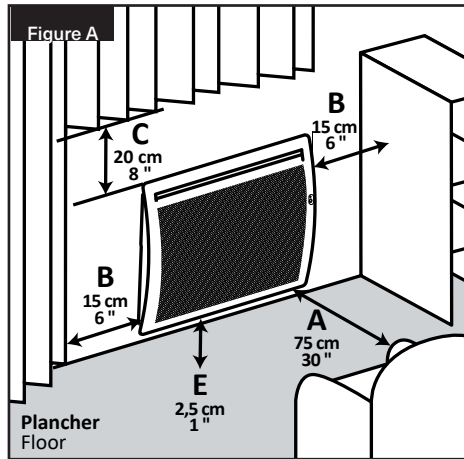
The installation must comply with applicable national and local standards, and CONVECTAIR recommends that it be done by a certified electrician.

This manual was prepared at the time of manufacture of the device and in accordance with the standards applicable at the time.

The company reserves the right to modify at any time the Installation and User Guide to account for standards and their evolution.

- To avoid short circuits, please turn off the power at the electrical panel prior to installation or repair.
- If the power cable is damaged, it must be replaced by the manufacturer, its after-sales service personnel or a similarly qualified person to avoid any danger.
- If the device has a glass front, do not use if the glass front is damaged.

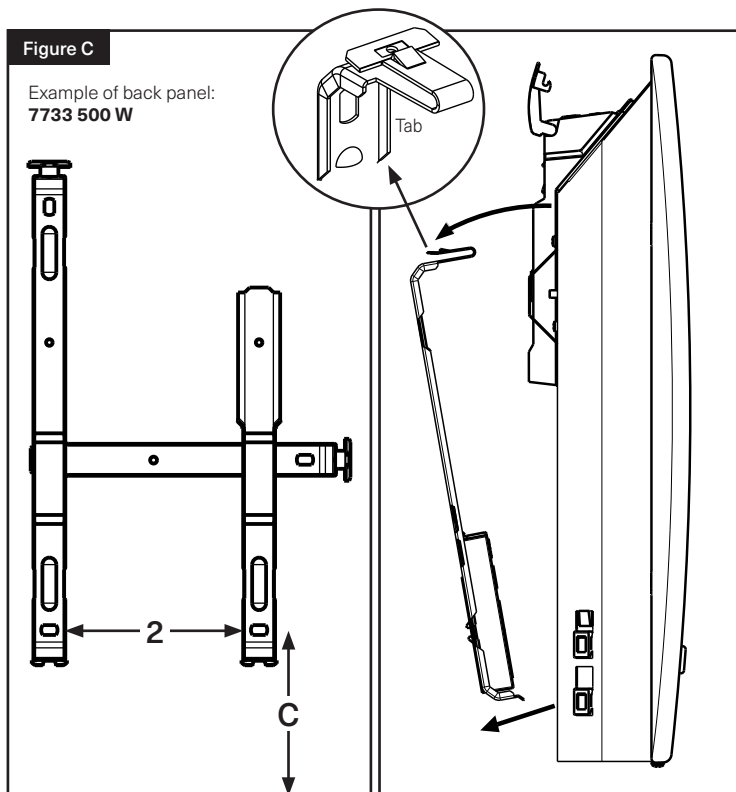
Convectair recommends an installation height of 15 cm (6 in.).



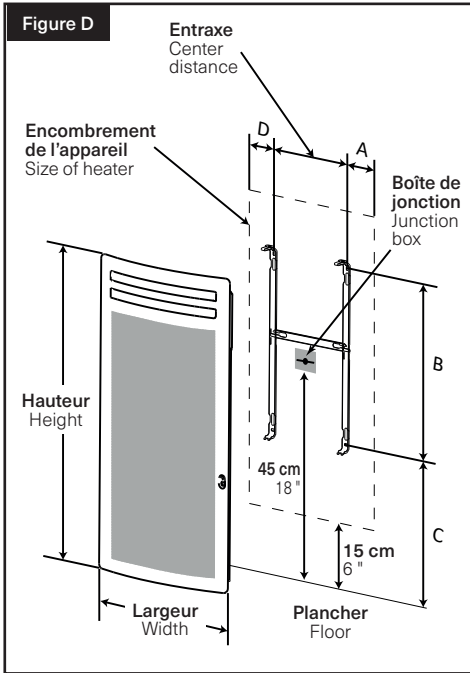
| Minimum clearances | Front (A) | Sides (B) | Above (C) | Below (E) | Recommended height |
|--------------------------------|-------------|------------|------------|-------------|--------------------|
| Opera 12 7735 | 75 cm (30") | 15 cm (6") | 20 cm (8") | 2.5 cm (1") | 15 cm (6") |
| Opera 17 7736 | 75 cm (30") | 15 cm (6") | 20 cm (8") | 2.5 cm (1") | 15 cm (6") |
| Opera 46 7737 | 75 cm (30") | 15 cm (6") | 20 cm (8") | 2.5 cm (1") | 15 cm (6") |

To install your device 15 cm (6 in.) from the floor (height recommended by CONVECTAIR), follow the instructions below:

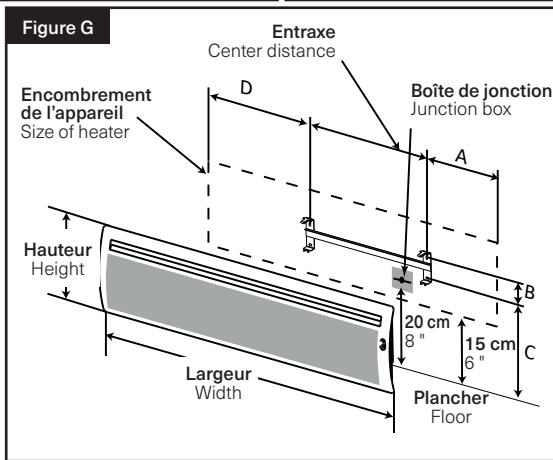
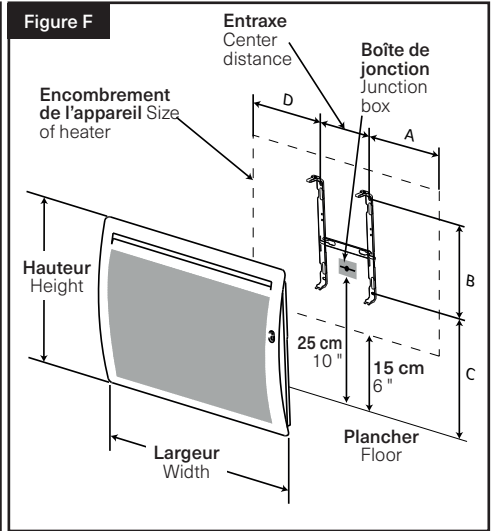
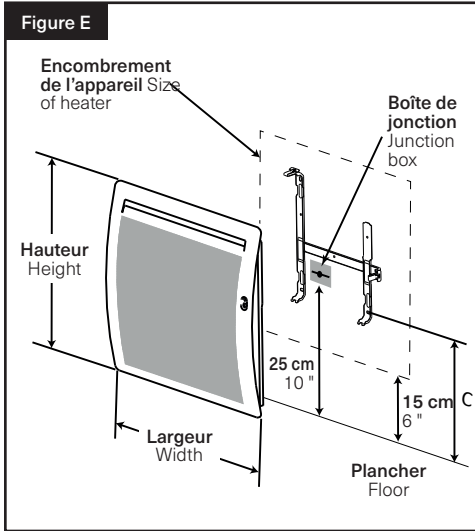
- 1- Release the back panel by pinching and pulling the insertable tabs on the back of the device (Figure C).
- 2- Place the center of the back panel's lower marking holes (No. 2 Figure C) at measurement C (see tables, Figures C - D - E - F - G) from the floor, and draw a mark.
- 3- Check that the back panel is horizontal, mark the 2 upper mounting holes, then drill the 4 holes.
- 4- Reposition the back panel onto the wall and secure with 4 screws and plugs if necessary (not supplied).



| DEVICES | OPERA 46 | | | | | |
|-----------------|----------|--------|------|--------|------|--------|
| FIGURES | D | | D | | D | |
| Power (W) | 1000 | | 1500 | | 2000 | |
| Measurements | cm | in. | cm | in. | cm | in. |
| Center distance | 24.8 | 9-3/4 | 24.8 | 9-3/4 | 24.8 | 9-3/4 |
| A | 9.5 | 3-3/4 | 9.5 | 3-3/4 | 9.5 | 3-3/4 |
| B | 46.8 | 18-3/8 | 46.8 | 18-3/8 | 46.8 | 18-3/8 |
| C | 24.2 | 9-1/2 | 29.4 | 11-1/2 | 47.4 | 18-5/8 |
| D | 9.6 | 3-3/4 | 9.6 | 3-3/4 | 9.6 | 3-3/4 |



| DEVICE | OPERA 17 | | | | | | | | OPERA 12 | | | |
|-----------------|----------|-------|------|--------|------|--------|------|--------|----------|--------|------|--------|
| FIGURE | E | | F | | F | | F | | G | | G | |
| Power (W) | 500 | | 1000 | | 1500 | | 2000 | | 750 | | 1000 | |
| Measurements | cm | in. | cm | in. | cm | in. | cm | in. | cm | in. | cm | in. |
| Center distance | | | 17.7 | 6-7/8 | 31.9 | 12-1/2 | 53.4 | 21 | 22.8 | 9 | 42.8 | 16-7/8 |
| A | | | 23.0 | 9 | 26.4 | 10-3/8 | 26.2 | 10-2/8 | 31.0 | 12-2/8 | 31.5 | 15-3/8 |
| B | | | 25.8 | 10-1/8 | 25.8 | 10-1/8 | 25.8 | 10-1/8 | 6.5 | 2-2/8 | 6.5 | 2-4/8 |
| C | 21.3 | 8-3/8 | 21.3 | 8-3/8 | 21.3 | 8-3/8 | 21.3 | 8-3/8 | 23.8 | 9-3/8 | 23.8 | 9-3/8 |
| D | | | 22.9 | 9 | 26.3 | 10-3/8 | 26.1 | 10-3/8 | 31.0 | 12-2/8 | 31.5 | 13-3/8 |



Electrical Connection

CONVECTAIR recommends that the devices be installed by a certified electrician, in accordance with applicable national and local codes.

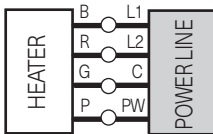
The appliance must be connected to a previously installed wall mounted rectangular junction box. Its size must be appropriate for the connecting cable(s) and the 2-3/4" x 4-1/2" (7 cm x 11.5 cm) cover provided with the device's cable.

WARNING: The device must be connected to a 240-volt, 60-cycle circuit. Disconnect the power before making any connections to avoid electric shocks or damage to the device.

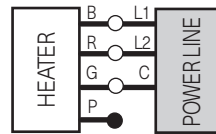
1. Connect the ground wire (C) to the green wire (G) in the junction box.
2. Connect the power supply leads to the device's red (R) and black (B) wires.
3. Never connect the pilot wire (purple wire) to the power supply lead or the copper wire.
4. The purple wire, whose end is sealed, must not be used for electrical connection purposes.
5. Carefully place all the wires back inside the junction box and close the wall cover.
6. Lift the device and, tilting it towards you, engage it onto the lower part of the back panel.
7. Hook the CONVECTAIR unit onto the mounting bracket tabs with the unit slightly angled towards you. Push the CONVECTAIR towards the wall until it is engaged on both locking tabs.

CONNECTION DIAGRAMS

WITH the use of pilot wire



WITHOUT the use of pilot wire







B=BLACK R=RED G=GREEN P=PURPLE L1=LINE 1 L2=LINE 2 C=GROUND PW=PILOT WIRE

The purple wire is only used if the device is connected to other CONVECTAIR devices.

Operation

6.1 SWITCHING ON AND OFF

| PRESS | ACTIONS | DISPLAY |
|--|---|--|
|  | Switching on. The green indicator lights up and the screen displays |  |
|  | Switching off. The orange indicator lights up and the screen displays |  |



This indicator shows that your device is heating up. When the desired temperature has stabilized, it lights up and turns off based on heating needs.



NOTE

The device stores the settings in the memory, even in the case of a power outage.

6.2 COMFORT TEMPERATURE SETTING

| PRESS | ACTIONS | DISPLAY |
|--|---|--|
|  | Increase or decrease the desired temperature set point. |  |



Press for 3 seconds to store your favorite set point temperature.



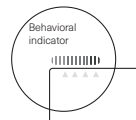
To adjust the temperature to your ideal comfort level, let the temperature stabilize for a few hours, with doors closed.








NOTE

During the temperature setting, an indicator allows you to control but also adjust the desired temperature based on its impact on consumption.

This setting is available in COMFORT mode (manual or automatic).



6.3 ECONOMY MODE (“ECO”)



| PRESS | ACTIONS | DISPLAY |
|--|---|--|
|  | Press successively to access the “ECO” mode. The screen displays: |  |
|  | Briefly and simultaneously press to visualize the “ECO” set point. | |
|  | Press for 3 seconds and the “ECO” temperature flashes to enable the user to change it. | |
|  | Press for 3 seconds to save the temperature. | |

NOTE

In the event of a short-term absence (less than 24 hr), use of this operating mode is recommended for maximum savings. It lowers the room temperature by approximately 3.5°C relative to the COMFORT temperature.

The ECO set point cannot be set at a temperature greater than 19°C.




6.4 FROST PROTECTION MODE

| PRESS | ACTIONS | DISPLAY |
|--|---|--|
|  | Press successively to access the “FREEZE PROTECTION” mode. The screen displays: |  |

NOTE

In the event of a long-term absence (more than 24 hr), use of this mode is recommended for maximum savings. It helps maintain the temperature of the room above freezing (approximately 7°C).





6.5 AUTOMATIC OPERATION

| PRESS | ACTIONS | DISPLAY |
|--|--|--|
|  | Press for 3 seconds to save your preferred settings. |  |
|  | Press briefly for automatic operation based on your heating plan (programming of Comfort and Eco temperature ranges) and your setting preferences (preferred set point temperature, Window function, etc.). | |




NOTE

By default, the stored setting is: Preferred set temperature 19°C, Open window function enabled.

6.6 MANUAL OPERATION

| PRESS | ACTIONS | DISPLAY |
|--|--|--|
|  | All automatic functions are disabled (programming) and the device switches to either: | |
| | • Comfort mode and you can adjust the set point temperature as you wish. |  |
| | • Eco mode (this operating mode is recommended during absences of less than 24 hr). |  |
| | • Frost protection mode (this operating mode is recommended during absences of more than 24 hr). |  |



6.7 ABSENCE DETECTION / ENABLING

| PRESS | ACTIONS | DISPLAY |
|--|--|---|
|  | The function is automatically enabled in automatic mode. It can be disabled (see the following table). |   |

NOTE

In the event of a prolonged absence, the device progressively lowers the set point temperature. When it detects a presence, it reacts and returns to the operating mode defined by the user.

| | |
|--|---------------------------------------|
|  | First, the device must be turned off. |
|--|---------------------------------------|

| | |
|---|--|
|   | Simultaneously press and hold until detection options 1, 2 or OFF are displayed. |
|---|--|

| | |
|---|--|
|   | Allows you to switch from one option to another. |
|---|--|

Option 1 Prioritizes savings

See the explanation on the following page.



Option 2 Prioritizes comfort



See the explanation on the following page.



OFF Option

The absence detection function is disabled.





| | | |
|--|--|--|
|  | Press for 3 seconds to save your selection. The screen displays: |  |
|--|--|--|

NOTE



In the event of a prolonged absence, the device progressively lowers the set point temperature. When it detects a presence, it reacts and returns to the operating mode defined by the user.

6.7 ABSENCE DETECTION / ENABLING

OPTION 1 – PRIORITIZES COMFORT

| DETECTION | PILOT WIRE ORDER | RESULT |
|--|------------------|------------------------------------|
|  absence | COMFORT | Gradual transition in ECO (90 min) |
| | ECO | ECO mode |
|  movement | COMFORT | Immediate transition in Comfort |
| | ECO | ECO mode |



OPTION 2 – PRIORITIZES COMFORT

| DETECTION | PILOT WIRE ORDER | RESULT |
|--|------------------|------------------------------------|
|  absence | COMFORT | Gradual transition in ECO (90 min) |
| | ECO | ECO mode |
|  movement | COMFORT | Gradual transition in ECO (90 min) |
| | ECO | Immediate transition in Comfort |

NOTE

Gradual transition in ECO: In the event of a prolonged absence, the temperature set point of the device decreases progressively in 30 min steps to CF-1 then CF-2, until ECO is displayed.

6.8 OPEN WINDOW DETECTION FUNCTION

| PRESS | ACTIONS | DISPLAY |
|--|--|--|
|  | Enable the function. Press and hold until the window icon is displayed on the screen. |  |

The window icon and the green indicator flash when the device turns off following a detection event.



Following an interruption, press again to restart the device.







Disable the function.
Press and hold until the window icon disappears from the screen.

NOTE

This function automatically turns off the heater in the event of a sharp fall in room temperature (e.g., an open window or door).

6.9 SIMPLE PARENTAL LOCK

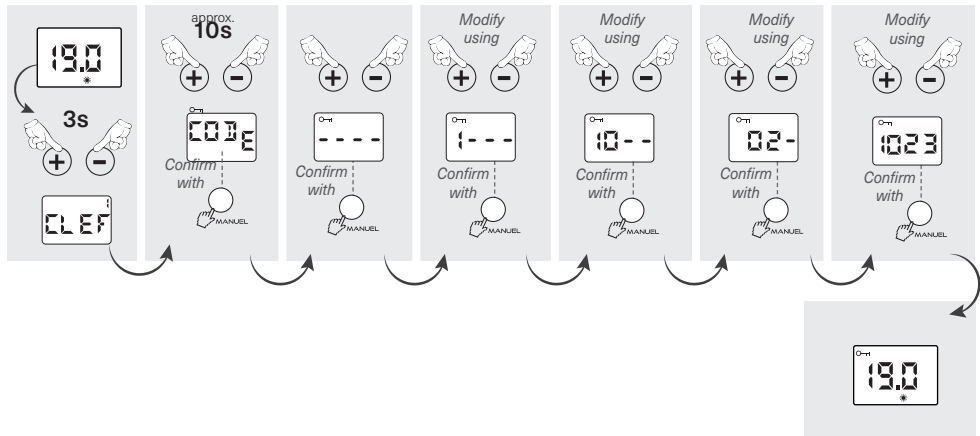
| PRESS | ACTIONS | DISPLAY |
|--|---|---|
|  | Lock the keypad. Simultaneously press and hold for 3 seconds. |  |
|  | Unlock the keypad. Simultaneously press and hold for 3 seconds. |  |

NOTE

This function enables you to block access to device settings to prevent any inopportune modification. The heating On/Off key remains active, even when the parental lock is enabled.

6.9 PARENTAL LOCK WITH CODE

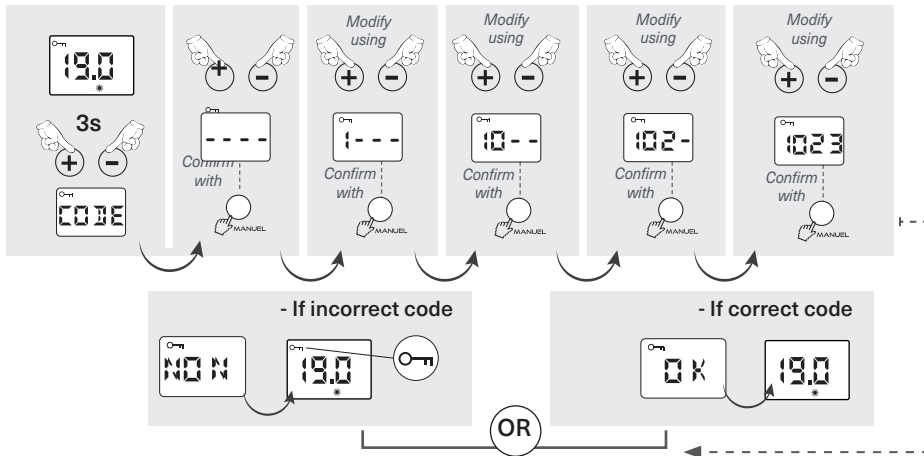
SEQUENCE FOR **LOCKING** WITH YOUR PERSONAL CODE



NOTE

This function enables you to block access to device settings to prevent any inopportune modification. The heating On/Off key remains active, even when the parental lock is enabled.

SEQUENCE FOR **UNLOCKING** WITH YOUR PERSONAL CODE



6.10 CONSUMPTION SCALE

INFORMATION

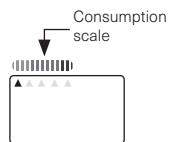
This indicator provides information about the effect of your settings on your consumption.

Indicator

Green = Economical

Red = Less economical

DISPLAY



NOTE

For economical operation, it is recommended not to exceed a temperature of 19°C on average over the entire dwelling.

6.11 SETTING OF AUXILIARY FUNCTIONS

PRESS

ACTIONS

DISPLAY



First, the device must be turned off.



Simultaneously press

and hold for 3 seconds. The screen displays:



Hold for 3 seconds

to see the first setting screen:



Screen backlighting

SETTINGS SCREEN 1

BACKLIGHTING TIME SELECTION



Select one of these screen options.

| = 10 seconds












O = permanent








Allows you to switch to the next settings screen.



6.11 SETTING OF AUXILIARY FUNCTIONS (CONTINUED)

| PRESS | ACTIONS | DISPLAY |
|--|--|--|
| | SETTINGS SCREEN 2 ENABLE / DISABLE THE BUZZER |  |
|  | Select one of these buzzer options. = Enabled O = Disabled | |
| | NOTE The buzzer remains active for the heating On/Off key. | |
|  | Allows you to switch to the next settings screen. |  |
| | SETTINGS SCREEN 3 CELSIUS / FAHRENHEIT SELECTION |  |
|  | Select one of these options. °C = Celsius °F = Fahrenheit | |
|  | Allows you to switch to the next settings screen. |  |
| | SETTINGS SCREEN 4 ENABLE / DISABLE THE FRAMING |  |
|  | Framing the Comfort temperature minimizes the increase or lowering of the temperature by + or - 2°C. These keys enable you to select one of the options. = Enabled O = Disabled | |
|  | Return to user mode. | |

6.12 DETAILS OF THE 6 ORDERS GIVEN VIA THE PILOT WIRE

| ORDERS | ACTION | DISPLAY |
|------------------|--|--|
| Heating Off | Heating is instantly turned off. |  |
| Eco | Lowering of the temperature by 3.5°C relative to the Comfort position or at your choice. |  |
| Comfort-1 | Lowering of the temperature by 1°C relative to the Comfort position. |  |
| Comfort-2 | Lowering of the temperature by 2°C relative to the Comfort position. |  |
| Frost Protection | Maintains the room temperature at around 7°C. |  |

NOTE

In manual mode, the Frost Protection and Heating Off commands sent by the central programming unit receive priority. To let you know, the "AUTO" symbol flashes.

6.13 INTERNAL PROGRAMMING

TIME DISPLAY

| PRESS | ACTIONS | DISPLAY |
|--|---|--|
|  | Briefly and simultaneously press to display the current time. |  |

NOTE






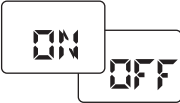

















In all cases, in order to use the programming, you must set the time and day on your device (factory setting 00:00).

In the event of a power outage lasting more than 30 minutes, you will also need to reset the time on your device.



6.13 INTERNAL PROGRAMMING (CONTINUED)

A- SETTING THE TIME

| PRESS | ACTIONS | DISPLAY |
|--|---|--|
|   | Simultaneously press for 3 seconds to access the programming menu. |  |
|   | Select one of these options. ON = Continue OFF = Exit the setting |  |
|  | Confirms the previous selection and moves to the next step. The screen displays: |  |
|   | Use these keys to select " Hr " from the drop-down menu whose order is as follows: PR » HR » P4 » P5 » P6 » Exit |  |
|  | Confirms the previous selection and moves to the next step. Set the hour. |  |
|   | Modify the hour using these keys. |  |
|  | Confirms the hours and moves to the next step. Set the minutes. |  |
|   | Modify the minutes using these keys. |  |
|  | Confirms the minutes and moves to the next step. Set the day. |  |

6.13 INTERNAL PROGRAMMING (CONTINUED)

B - SETTING THE DAY

PRESS

ACTIONS

DISPLAY

NOTE

Start with the previous section A - SETTING THE TIME to access the programming menu.



Select the desired day using these keys.

JO: LU = Monday

JO: MA = Tuesday

JO: ME = Wednesday

JO: JE = Thursday

JO: VE = Friday

DY: SA = Saturday

JO: DI = Sunday



Confirms the selection of the day and returns to the "PR" drop-down menu.



Use these keys to select "EXIT" from the drop-down menu whose order is as follows:

PR » HR » P4 » P5 » P6 » **Exit**



Confirms the selection of "EXIT" and exits the menu.

6.13 INTERNAL PROGRAMMING (CONTINUED)

PROGRAMMING SET UP

PRESS

ACTIONS

DISPLAY

NOTE

This mode enables the automatic operation of your heater at either the COMFORT set point or the ECO set point.



Simultaneously press for 3 seconds to access the programming menu.



Select one of these options.

ON = Continue

OFF = Exit the setting



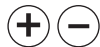
Confirms the selection of “**ON**” and moves to the next step. The screen displays:



Confirms the selection of “**PR**” and moves to the next step. The screen displays:



Use these keys to select a program from P1 to P6 (next page) and assign it to a day.



LU = Monday

MA = Tuesday

ME = Wednesday

JE = Thursday

VE = Friday

SA = Saturday

DI = Sunday



Confirms the selection of the day and program. Return to the “**PR**” drop-down menu.



Use these keys to

select “**EXIT**” from the

drop-down menu whose order is as follows:

PR » HR » P4 » P5 » P6 » **Exit**



Confirms the selection of “**EXIT**” and exits the menu.

6.13 INTERNAL PROGRAMMING (CONTINUED)









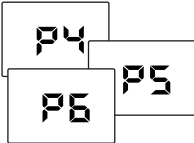


PROGRAMMING SET UP

PREDEFINED PROGRAMS (P1 / P2 / P3)

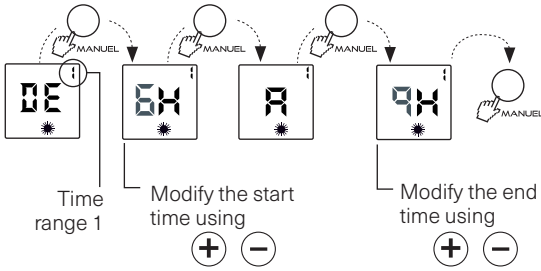


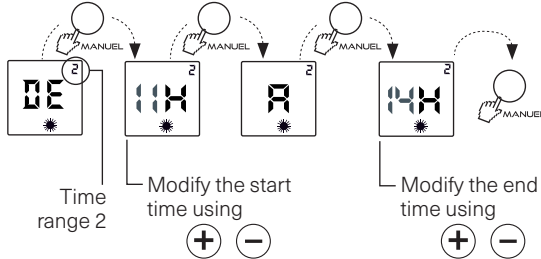


| PREDEFINED PROG. | CHOICE | MEANING |
|---|----------------|--|
| <p>Monday to Friday P1</p> | P1 | The P1 program enables you to use the Comfort set point temperature from 5 to 9 a.m. in the morning and from 5 to 11 p.m. in the evening. |
| <p>Monday to Friday P2</p> | P2 | The P2 program enables you to use the Comfort set point temperature from from 5 to 9 a.m. in the morning, from noon to 2 p.m. at midday and from 5 to 11 p.m. in the evening. |
| <p>Weekend P3</p> | P3 | The P3 program enables you to use the Comfort set point temperature from 5 a.m. to 11 p.m. in the evening. |
| <h4>USER-DEFINED PROGRAMS (P4 / P5 / P6)</h4> | | |
| <p>Method to customize your programs. See the following page.</p> | P4 P5 P6 | They allow you to customize up to 3 Comfort set point temperature time ranges to meet your needs. |

6.13 INTERNAL PROGRAMMING (CONTINUED)

PROGRAMMING SET UP

| PRESS | ACTIONS | DISPLAY |
|---|---|--|
| NOTE This mode enables the automatic operation of your heater at either the COMFORT set point or the ECO set point. | | |
|   | Simultaneously press for 3 seconds to access the programming menu. |  |
|  | Select one of these options. ON = Continue OFF = Exit the setting |  |
|  | Confirms the selection of “ ON ” and moves to the next step. The screen displays: |  |
|  | Use these keys to select “ P4, P5 or P6 ” from the drop-down menu, whose order is the following: PR » HR » P4 » P5 » P6 » Exit |  |
|  | Confirms the user-defined program selection and moves to the next step. |  |

↑
Accessing
“P4, P5 or P6”

| SEQUENCE OF ACTIONS | RESULT |
|---|--|
|  <p>Time range 1</p> <p>Modify the start time using </p> <p>Modify the end time using </p> | Time range No. 1 from 6 a.m. to 9 a.m. is confirmed. You are automatically taken to time range No. 2. |
|  <p>Time range 2</p> <p>Modify the start time using </p> <p>Modify the end time using </p> | Time range No. 2 from 11 a.m. to 2 p.m. is confirmed. You are automatically taken to time range No. 3. |

Example of “P4” programming

You want to set the **COMFORT** set point temperature for 3 different time ranges:

mornings from 6 a.m. to 9 a.m.,
midday from 11 a.m. to 2 p.m.
and evenings from 6 p.m. to 10 p.m.

6.13 INTERNAL PROGRAMMING (CONTINUED)

PROGRAMMING SET UP

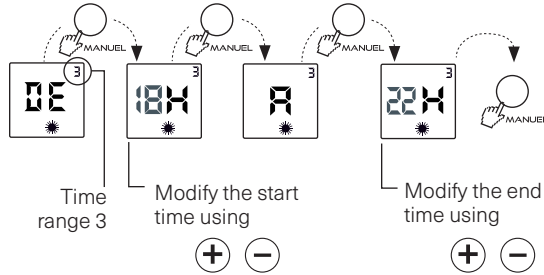


Example of “P4” programming

You want to set the **COMFORT** set point temperature for 3 different time ranges:
mornings from 6 a.m. to 9 a.m., midday from 11 a.m. to 2 p.m. and **evenings from 6 p.m. to 10 p.m.**



SEQUENCE OF ACTIONS



RESULT

Time range No. 3 from 6 p.m. to 10 p.m. is confirmed. You will return to the initial Pr position.

NOTE

Program P5 or P6, or select Exit to exit (see below).

PRESS

ACTIONS

DISPLAY



Use these keys to select “EXIT” from the drop-down menu whose order is as follows:








PR » HR » P4 » P5 » P6 » **Exit**

NOTE

If you want, you can return to automatic operation using the pilot wire. Place in the OFF position (see Chapter 5.7).

Troubleshooting

| VERIFICATION | PRESS | ACTION |
|---|---|--|
| THE DEVICE IS NOT HEATING. | | |
| Make sure the digital screen is active. |  | Power up the device. |
| |  | Successively press to reach the comfort position. |
| If the digital screen has still not turned on |  | Make sure the installation circuit breakers are pushed in and press to power up. |
| Make sure you are in Comfort mode. |  | Successively press to reach the comfort position. |
| Make sure the Open window function is not enabled and that no window or door in the room is open. | | Close the door and/or window. |
| |  | Press and hold until open window icon disappears to disable this function. |
| The digital screen is active, but the heating indicator is off. | | Check the set point value. |
| | | The temperature of the room does not require heating. |
| | | The device is in Eco mode. |
| THE DEVICE IS ALWAYS HEATING. | | |
| Check that the temperature setting has not been modified. | | Reset the temperature. |
| Check that the device is not located near an open door and/or in a draft. | | Close the door or prevent the draft. |
| THE DEVICE IS NOT FOLLOWING THE PROGRAMMING COMMANDS. | | |
| Check that it is in programming mode. | | Place in programming mode. |
| Check the programming. | | Perform the programming. |
| Check the time on the device. | | Program the time correctly. |
| IN ALL OTHER CASES, CONTACT A QUALIFIED PERSON. | | |

HARMONIZATION OF DISPLAYS (THERMOSTAT / THERMOMETER)

NOTE

This operation is optional.

There may be a difference between the readings displayed on the device and on your thermometer. It is possible to harmonize both displays.

Procedure:

- This setting can only be performed if your device is set between 17 and 23°C.
- All doors and windows must be closed.
- Wait for the temperature in the room to stabilize (at least 6 hr), and avoid going in and out of the room as much as possible.
- The control thermometer should be placed in the middle of the room at 1,20 m (3' 11") from the floor. Do not place it on furniture.

PRESS

ACTIONS

First, make sure that the thermostat is in COMFORT mode.



Press for **3 seconds**.
You may encounter these two scenarios.

A. The set point temperature flashes.



Harmonization is possible.
Use these keys to adjust the temperature.



Confirms the previous step.
Exits the adjustment mode and returns to normal mode.

EXAMPLE

Your thermometer shows 20.5°C and your thermostat 19°C. You can correct by +1.5°C using the "+" key and confirming with the "MANUEL" key.

B. The display indicates "NON".

Harmonization is not possible.
You must wait until the temperature stabilizes.

NOTE

If you do not perform an action on the "+" and "-" keys within 15 seconds, the display will return to its initial position.

Automatic Thermal Safety

This device is equipped with an automatic thermal safety feature. During abnormal operation (for example, blocked air inlet or outlet), the device automatically stops.

Once the abnormal operation is corrected, and as soon as the device has cooled sufficiently, it will automatically restart.

NOTE: If the problem persists, contact your installer.

Maintenance

To keep the device clean, CONVECTAIR recommends performing regular maintenance. To remove dust, use a soft cloth. To remove a stain, dampen the cloth.

For enhanced performance and maximum efficiency of the device, it is recommended to remove dust regularly (once every two weeks) by vacuuming the air inlets and outlets.

NEVER USE ABRASIVE OR ACETONE-BASED PRODUCTS, WHICH COULD DAMAGE THE COATING OF THE DEVICE.

ALL WORK PERFORMED ON OUR DEVICES MUST BE DONE WITH THE POWER OFF AND BY QUALIFIED AND CERTIFIED PERSONNEL. FAILURE TO DO SO MAY INVALIDATE YOUR WARRANTY.

RECOMMENDATIONS AND ADVICE

Your **CONVECTAIR** heater becomes hot during use. Particular care must be taken in order to educate young children.

Do not insert objects into the openings of the grilles; this could cause short circuits, fires or damage to devices.

Any other use not recommended by **CONVECTAIR** may cause short circuits, fires or injury to users.

In some conditions, the grille of the devices may turn yellow after some time. This phenomenon is not due to a manufacturing defect. Rather, it is caused by the ambient air which contains fumes or suspended particles, which are heated and then exhausted through the grille. This phenomenon is particularly visible on «pure white» devices and can cause severe discolouration.

Prevention: it is advisable to clean the grills frequently, especially for appliances installed in places exposed to cigarette smoke or in the kitchen. CONVECTAIR devices must never be used during construction work or other activities which generate a lot of dust.

When switching on the **CONVECTAIR** for the first time, a slight smoke may emerge from it. This phenomenon is quite normal and will go away on its own after 2 or 3 minutes of operation of the device.

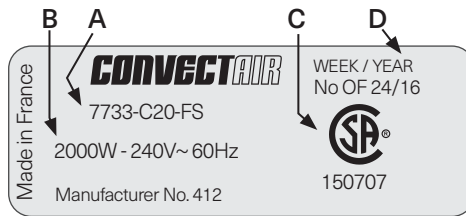
Identification of Your Device

IMPORTANT: PRODUCT INFORMATION APPEARS ON THE RATING LABEL.

The rating label is placed at the back, on the bottom right (control side) of your device, and is used for identification purposes.

It consists of:

- The complete reference number of the device (A), to be specified in case of repair.
- The wattage, voltage and frequency of the device (B).
- The certification laboratory markings (C).
- The week and year of manufacture (D).



Warranty

2 years against all defects / 5 years on the heating element.

All CONVECTAIR devices have a dual warranty: two years against defects in materials and workmanship on all parts, and five years on the heating element itself.

They are applicable from the date of purchase by the consumer and under the conditions specific to them. Full details are provided with each device.

Please keep your purchase and/or installation invoice.

SERVICE CENTRES:

To find the nearest Service Center, visit our website (www.convectair.ca) or contact CONVECTAIR customer service at the following number: **1 800 463-6478**

We value your feedback!

Your input helps to create even better products and experiences.

Share the warmth and leave a review.
convectair.com/sharethewarmth

 **YouTube / Convectair** 



1 800 463-6478 | www.convectair.ca

In keeping with our policy of continuous product improvement, we reserve the right to make changes without notice.

© 2021 Glen Dimplex Americas

 **A BRAND OF GLEN DIMPLEX AMERICAS**