CONVECTAIR

OPERA 12, 17 & 46

Radiant panel heater horizontal, vertical and low

Installation & Operating Instructions

ATTENTION : Documents to be kept by the end-user.
Please read before any operation.

CONVECTAIR

- FOREWORD -

Dear owner,

Congratulations on the purchase of this premium electric heater.

CONVECTAIR develops and produces the highest quality heating product in the electrical industry.

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 already equipped with a precise electronic thermostat. **IT MUST NOT BE CONNECTED TO A WALL THERMOSTAT.**

Table of contents

1   RECOMMENDED SET-UP

Please read carefully the whole installation and operating instructions and in particular the following. ⚠ **Safety**

⚠ CAUTION, HOT SURFACE

- Some parts of the appliance may become hot and cause light burns. A very close attention has to be taken if children or vulnerable persons are present.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Children under the age of three should be kept away from the appliance, unless they are continuously supervised.

- Children from three to eight years old should neither play, nor plug, nor set, nor clean, nor maintain the appliance.

WARNING : DO NOT COVER

- If the appliance is covered, there is a risk of overheating. The logo reminds this risk.

- Do not cover or obstruct the air inlet or outlet as this could cause overheating and damage the appliance.

- Do not insert anything in the appliance.

- This appliance has to be connected by a qualified personnel. Always disconnect power supply before any connection or repair.

- Installation and electrical connections must be in accordance with the national and local codes.

- The electrical current should be protected by a residual current device in the case of an installation in a bathroom with a bathtub, shower or sink.

- The heater must not be installed below an electrical socket.

- This heating device is deisgned to provide ambiant heat for new or existing residential or commercial type building.
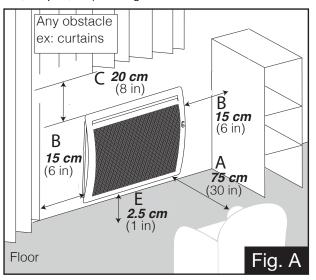
- Do not install the heater in a zone with air currents capable of disrupting its regulation.

These instructions have been established at the moment of the heater's manufacturing and in conformity with the standardization at that moment.

IMPORTANT :
DO NOT COVER THE HEATER

- Respect the minimum required clearances (height from floor, distances from side walls or furniture, drapes, etc) see Fig.A.

Any obstacle ex: curtains

C **20 cm** (8 in)

B **15 cm** (6 in)

B **15 cm** (6 in)

A **75 cm** (30 in)

E **2.5 cm** (1 in)

Floor

Fig. A

CAUTION: PLEASE MAINTAIN THE MINIMUM REQUIRED CLEARANCES (Fig. A).

CONVECTAIR RECOMMENDS AN INSTALLATION HEIGHT OF 15 CM (6 IN).

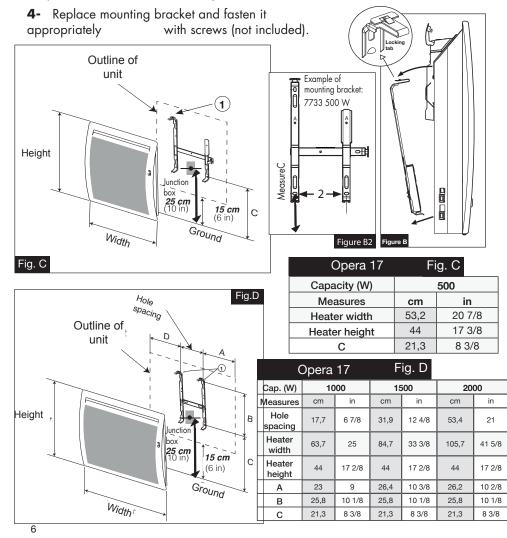| Minimum clearances	In front (A)	Sides (B)	Above (C)	Underneath (E)	Recommended height
7732-CXX-FS	75 cm (30 in)	15 cm (6 in)	20 cm (8 in)	2.5 cm (1 in)	15 cm (6 in)
7733-CXX-FS	75 cm (30 in)	15 cm (6 in)	20 cm (8 in)	2.5 cm (1 in)	15 cm (6 in)
7734-CXX-FS	75 cm (30 in)	15 cm (6 in)	20 cm (8 in)	2.5 cm (1 in)	15 cm (6 in)

Heater installation

⚠ This heater must be installed in accordance with national and local codes and CONVECTAIR recommends an installation by a qualified electrician.
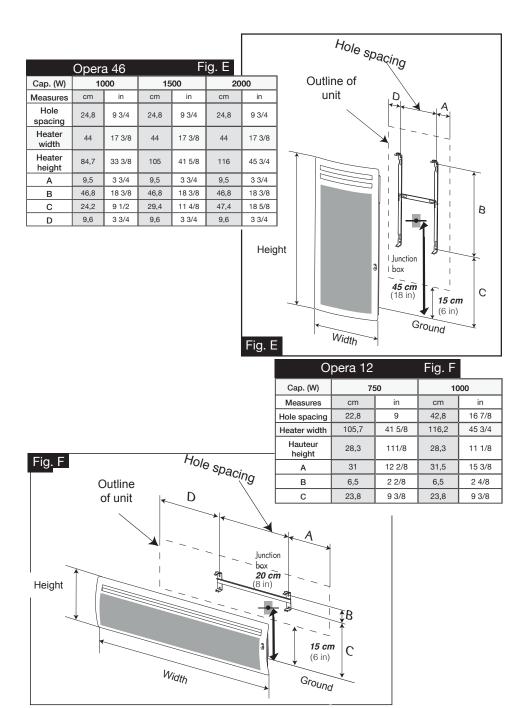
2   INSTALLATION AND MOUNTING

To install you heater at 15 cm (6 in) from the ground (recommended height by CONVECTAIR), follow these directions:

1- Free mounting brackets by pressing and pulling both locking tabs on the back of the heater (Fig. B).

2- Place the center of the mounting bracket's bottom holes (no. 2 Fig. B2) at the measure C (see tables Fig. C - D - E - F) from the ground and make a mark.

3- Check horizontality of the mounting bracket, then mark the two top holes and pierce the 4 holes for fastening.

4- Replace mounting bracket and fasten it appropriately with screws (not included).

Fig. C

Fig. B2 — Figure B — Example of mounting bracket: 7733 500 W — Locking tab — Measure C

Opera 17		Fig. C
Capacity (W)	**500**	
Measures	**cm**	**in**
Heater width	53,2	20 7/8
Heater height	44	17 3/8
C	21,3	8 3/8

Fig. D

Opera 17			Fig. D		
Cap. (W)	**1000**		**1500**		**2000**
Measures	cm	in	cm	in	cm	in
Hole spacing	17,7	6 7/8	31,9	12 4/8	53,4	21
Heater width	63,7	25	84,7	33 3/8	105,7	41 5/8
Heater height	44	17 2/8	44	17 2/8	44	17 2/8
A	23	9	26,4	10 3/8	26,2	10 2/8
B	25,8	10 1/8	25,8	10 1/8	25,8	10 1/8
C	21,3	8 3/8	21,3	8 3/8	21,3	8 3/8

Opera 46					Fig. E	
Cap. (W)	1000		1500		2000	
Measures	cm	in	cm	in	cm	in
Hole spacing	24,8	9 3/4	24,8	9 3/4	24,8	9 3/4
Heater width	44	17 3/8	44	17 3/8	44	17 3/8
Heater height	84,7	33 3/8	105	41 5/8	116	45 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 4/8	47,4	18 5/8
D	9,6	3 3/4	9,6	3 3/4	9,6	3 3/4

Fig. E

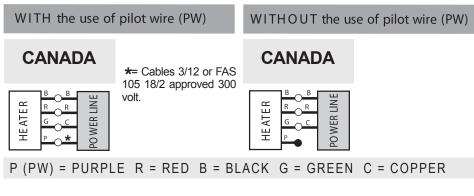| Opera 12			Fig. F	
Cap. (W)	750		1000	
Measures	cm	in	cm	in
Hole spacing	22,8	9	42,8	16 7/8
Heater width	105,7	41 5/8	116,2	45 3/4
Hauteur height	28,3	111/8	28,3	11 1/8
A	31	12 2/8	31,5	15 3/8
B	6,5	2 2/8	6,5	2 4/8
C	23,8	9 3/8	23,8	9 3/8

Fig. F

> **Please read carefully the whole installation and operating instructions before connecting the heater**

⚠️

WARNING : To prevent short circuits and electrical shocks turn the power off at the main panel before attempting the installation or making any repairs. If you are using a programmer system, make sure to cut the power off ALL electrical heating circuits of the heaters wired to the pilot wire.
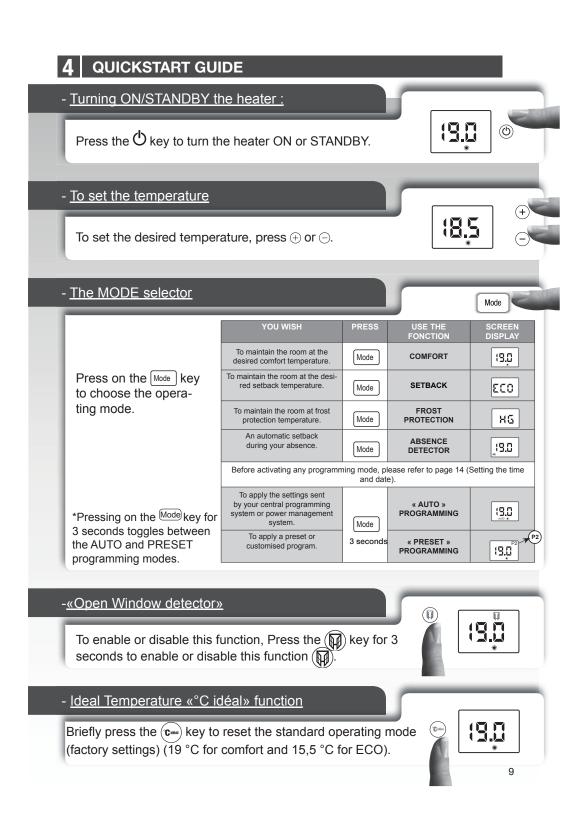
- CONVECTAIR recommends that your heater be installed by a qualified electrician and in accordance with national and local codes.
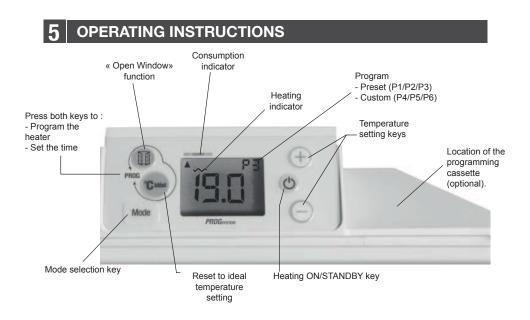- This heater must be connected to a 240 Volt (60 cycles) circuit and with an appropriate breaker. Cut all electrical current before connecting the heater to avoid shocks and damages to the unit.
- The first time your Convectair heats, a light smoke could be released due to the burning of production residues. This is normal and should disappear after 2 to 3 minutes.

RESPECT WIRE COLOR WIRING

WITH the use of pilot wire (PW)	WITHOUT the use of pilot wire (PW)

CANADA

∗= Cables 3/12 or FAS 105 18/2 approved 300 volt.

CANADA

P (PW) = PURPLE R = RED B = BLACK G = GREEN C = COPPER

- You must connect the ground wire of the heater (green wire) with the copper wire.
- Connect the power cables to the red and black cables.

- Never connect the pilot-wire (purple wire) to the electrical supply nor ground it.
- The purple wire with the seal at the extremity should not be used for the electrical connection. It is used only if the heater is connected with the CONVECTAIR Programmer system or the wall mount controller AWC.
- Fix the unit on the wall bracket before turning the power back on.
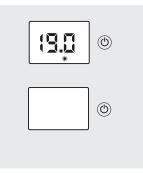
4 | QUICKSTART GUIDE

- Turning ON/STANDBY the heater :

Press the ⏻ key to turn the heater ON or STANDBY.

- To set the temperature

To set the desired temperature, press ⊕ or ⊝.

- The MODE selector

Press on the [Mode] key to choose the operating mode.

YOU WISH	PRESS	USE THE FONCTION	SCREEN DISPLAY
To maintain the room at the desired comfort temperature.	Mode	COMFORT	19.0
To maintain the room at the desired setback temperature.	Mode	SETBACK	ECO
To maintain the room at frost protection temperature.	Mode	FROST PROTECTION	HG
An automatic setback during your absence.	Mode	ABSENCE DETECTOR	19.0
Before activating any programming mode, please refer to page 14 (Setting the time and date).			
To apply the settings sent by your central programming system or power management system.	Mode	« AUTO » PROGRAMMING	19.0 AUTO
To apply a preset or customised program.	3 seconds	« PRESET » PROGRAMMING	19.0 P2

*Pressing on the [Mode] key for 3 seconds toggles between the AUTO and PRESET programming modes.

-«Open Window detector»

To enable or disable this function, Press the 🪟 key for 3 seconds to enable or disable this function 🪟.

- Ideal Temperature «°C idéal» function

Briefly press the (°Cidéal) key to reset the standard operating mode (factory settings) (19 °C for comfort and 15,5 °C for ECO).

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5 | OPERATING INSTRUCTIONS

« Open Window» function

Consumption indicator

Heating indicator

Program
- Preset (P1/P2/P3)
- Custom (P4/P5/P6)

Temperature setting keys

Press both keys to :
- Program the heater
- Set the time

Location of the programming cassette (optional).

Mode selection key

Reset to ideal temperature setting

Heating ON/STANDBY key

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i Make sure you remove the protective film from the control panel.

5.1 - Turning ON/STANDBY the heater :

To turn the unit on, press ⏻. The screen will display the Comfort temperature.

To place the heater on STANDBY mode, press ⏻. The screen turns off.

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i The heater keeps the current settings on file, even during a power outage (for a maximum of 12 hours).

5.2 - Comfort Mode / Setting the desired temperature: :

Press the ⊕ or ⊖ keys to raise or lower the desired Comfort temperature in steps of 0.5°C (1°F).

ℹ️ To ensure that the temperature stabilises at the desired temperature, the doors and windows of the room should be closed.

5.3 - The MODE selector :

Press repeatedly on the Mode key.

ℹ️ The Mode selector enables selecting up to 6 functions :

YOU WISH	PRESS	USE THE FUNCTION	SCREEN DISPLAY
To maintain the room at the desired comfort temperature.	Mode	COMFORT	19.0
To maintain the room at the desired setback temperature.	Mode	SETBACK	ECO
To maintain the room at frost protection temperature.	Mode	FROST PROTECTION	HG
An automatic setback during your absence.	Mode	ABSENCE DETECTOR	19.0
Before activating any programming mode, please refer to page 14 section "Setting the time and date".			
To apply the settings sent by your central programming system or power management system.	Mode 3 seconds	« AUTO » PROGRAMMING	19.0 AUTO
To apply a preset or customised program.		« PRESET » PROGRAMMING	19.0 P2 *exemple P2

*Pressing on the Mode key for 3 seconds toggles between the AUTO and PRESET programming modes.

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5.4 - AUTO Programming mode

i This mode enables automatic operation of the heater (over pilot wire) from a central programming system (ex: CONVECTAIR'S Programmer system) or power management system.

Press successively on the [Mode] key until the AUTO symbol is displayed.

Note : Pressing on the [Mode] for 3 seconds toggles between the AUTO and PRESET programming modes (see p. 19).

COMMANDS SENT OVER PILOT WIRE	SCREEN DISPLAY	RESULT
Heating OFF	- - AUTO	Heating is immediately turned off.
Setback	ECO AUTO	The temperature is lowered by 3.5°C compared to the Comfort setting, or as desired.
Frost Protection	HG AUTO	The temperature is maintained at about 7°C.

<u>Specific conditions</u>

i | In Comfort, Economy and Frost Protection override mode, Frost Protection and Heating OFF commands sent by the central programming (ex: CONVECTAIR'S Programmer system) or energy management systems will have a priority. This is indicated by a blinking AUTO symbol.
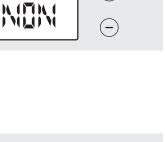
Selected functions	Central Programming System or Energy Management System	
	Command over pilot wire: Frost Protection	Command over pilot wire : Heating OFF
19,0°C		
ECO	HG °AUTO°	- - °AUTO°
HG		

5.5 - <u>Controls lock</u> :

Simultaneously press the $\oplus$ and $\ominus$ keys for three seconds to lock or unlock the keypad.
Then, if you press any key on the keypad,the screen will display «NON».
The keypad is locked and no operation is possible.

i | This function disables any operations from the control panel in any operating mode to prevent the settings from being changed, for example, by children.

5.6 - <u>Time display</u> :

Press briefly on (C idéal) and (□) keys to display the current time.

5.7 - Setting the time and date :

i

-In all cases, to use the preset programs, you first must set the time and date of your heater (factory default 00:00).
-In case of a power outage exceeding 12 hours, you must reset the time on your device.

A- Setting the time :

Firmly press the (C ideal) and (M) keys for 3 seconds to access the programming menu.

The «Pr» symbol is displayed.

Press the ⊕ or ⊖ to select the time setting function in the drop-down menu : «Hr» and confirm by pressing the Mode key.

Change the hour setting using the ⊕ and ⊖ keys and confirm by pressing the Mode key.
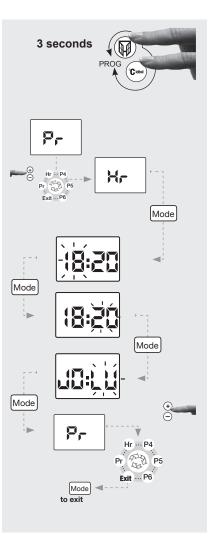
Change the minute setting using the ⊕ and ⊖ keys and confirm by pressing the Mode key.

B - Setting the weekday :

Change the weekday (JO : LU = Monday, JO : MA = Tuesday, JO : ME = Wednesday,etc.) using the ⊕ and ⊖ keys.

Confirm by pressing the Mode key.

To exit, press on ⊕ or ⊖ keys until the Exit option appears in the drop-down menu.
Press Mode to confirm and exit.

5.8 - Setback functions:
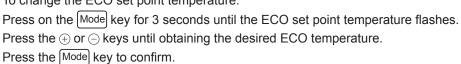
4.8.1- Setback ECO Mode :

Press successively the [Mode] key until the Setback Mode (ECO) is displayed.

To view the ECO set point, press briefly the ⊕ or ⊖ keys.

To change the ECO set point temperature:
Press on the [Mode] key for 3 seconds until the ECO set point temperature flashes.
Press the ⊕ or ⊖ keys until obtaining the desired ECO temperature.
Press the [Mode] key to confirm.

i It is recommended to use this mode for temporary absences between 2 and 24 hours, or overnight. This mode lowers room temperature by approximately 3.5°C relative to the Comfort temperature set point.

5.8.2- Frost Protection Mode (HG) :

Press successively on the [Mode] key until the Frost Protection mode (HG) is displayed.

i For maximum energy savings, in case of longer term absence (24 hrs. or more), it is recommended to use this setting, which will maintain the room temperature at about 7°C.
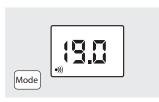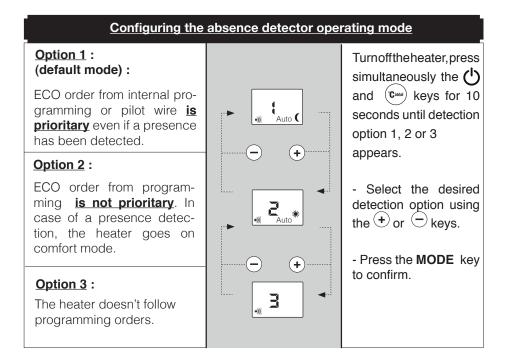
5.8.3 - Absence detector :

Press successively on the [Mode] key to select the absence detection mode. The symbol •))) will be displayed.

i The Absence Detector mode allows to lower the heating degree in the case of an absence and to achieve heating savings. There are three absence detection operating options (see following pages).

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Configuring the absence detector operating mode

Option 1 :
(default mode) :

ECO order from internal pro-gramming or pilot wire **is priority** even if a presence has been detected.

Option 2 :

ECO order from program-ming **is not prioritary**. In case of a presence detec-tion, the heater goes on comfort mode.

Option 3 :

The heater doesn't follow programming orders.

Turn off the heater, press simultaneously the ⏻ and (Cidéal) keys for 10 seconds until detection option 1, 2 or 3 appears.

- Select the desired detection option using the ⊕ or ⊖ keys.

- Press the **MODE** key to confirm.

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i Note : in all cases the orders for Frost Protection and Heat OFF from the pilot wire are priority.

OPTION
Detection **1**

Priority to energy savings
Movement detection mode and programming

Px   P1 or P2 ...P6

19.0   or

19.0

	Command over Pilot Wire or interne programming	Result
absence	Comfort	Gradual transition to ECO (in 1:30 hr)
	ECO	ECO Mode
movement	Comfort	Immediate switch to Comfort
	ECO	ECO Mode

OPTION Detection	2 •)))	**Priority to comfort** Movement detection mode and programming	19.0 Px •))) [P1 or P2 ...P6] or 19.0 •))) AUTO ☀

	Command over Pilot Wire or interne programming	Result
•))))) **absence**	Comfort	Gradual transition to ECO (in 1:30 hr)
•)))🏃 **movement**	ECO	Comfort Mode

OPTION Detection	3 •)))	**Priority to energy savings** Movement detection mode without programming	19.0 •))) ☀

	Command over Pilot Wire or interne programming	Result
•))))) **absence**	-	Gradual transition to ECO (in 1:30 hr)
•)))🏃 **movement**	-	Comfort Mode

5.8.4 - Open Window detector :

To enable or disable this function, press the key (🗒) for 3 seconds. The symbol (🗒) will be displayed on the screen.

The symbol (🗒) will blink if the unit has ceased heating following the detection on an open window or door.

To cancel the STANDBY order, press the (🗒) key to restart the heater.

i This function automatically shuts off the heater when a drop in room temperature is detected (such as an open window or door).

5.8.5 - Consumption indicator :

It is an indicator of behaviour that allows viewing the energy consumption status of your heater.

- Green indicator light = economical
- Indicator light shifting toward red = less economical.

Consumption indicator

i | This indicator allows to monitor and adjust the desired temperature depending on its impact on consumption.
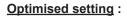
5.8.6 - Heating indicator :

The ⋁⋁⋁ indicator shows that your heater is warming up. When the desired temperature has stabilised, this indicator turns on and off according to heating needs.

5.8.7 - Ideal temperature :

Automatic return to the recommended temperatures:

Briefly press the (°C idéal) key to reset the standard operating mode (factory settings) :
- SETBACK mode setting at 15.5°C (60°F)
- COMFORT mode setting at 19°C (66°F)
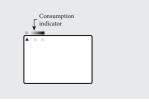
Optimised setting :

Press the (°C idéal) key for 10 seconds to configure the operating mode and achieve maximum savings of energy:
- SETBACK mode setting at 15.5°C (60°F)
- COMFORT mode setting at 19°C (66°F)

- Activation of the Open Window function 🞖
- Activation of the "AUTO" programming mode .

Long press

i | This function automatically adjusts the heater for an optimal comfort / economy ratio.

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5.8.8 - Operating Mode
Preset programs P1/P2/P3 or customisable programmes P4/P5/P6

i | In this mode, the heater operates in automatic daily mode according to the Comfort set point or the Setback set point. The date and time must be set beforehand in order to be able to create the programs (see p. 14).

If you wish to assign a daily program for each day of the week :

- Press simultaneously for 3 seconds the ⊞ and ℃idéal keys.
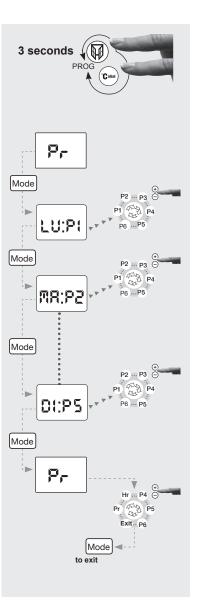
- The screen displays «Pr».Press the Mode key.

- Assign one of the available programs (predefined or custom) for each day of the week using the ⊕ and ⊖ keys to scroll through the drop-down menu.

- Press the Mode key to confirm.The screen displays «Pr».

- To exit, press the ⊕ or ⊖ keys until the «Exit» option is displayed in the drop-down menu.

- Press the Mode key to confirm and exit.

3 seconds

PROG ℃idéal

Pr

Mode

LU:P1   P2 ... P3
               P1   P4
               P6 ... P5

Mode

MA:P2   P2 ... P3
               P1   P4
               P6   P5

Mode

DI:P5   P2 ... P3
               P1   P4
               P6 ... P5

Mode

Pr   Hr ... P4
               Pr   P5
               Exit ... P6

Mode
to exit

DESCRIPTION OF THE PRESET PROGRAMS P1/P2/P3
OR CUSTOMISABLE PROGRAMS P4/P5/P6

Preset programme	Select	Meaning
Monday to Friday P1	**P1**	The P1 program sets the Comfort temperature set point in the morning from 5:00 to 9:00 and from 17:00 to 23:00 in the evening.
Monday to Friday P2	**P2**	The P2 program sets the Comfort temperature set point in the morning from 5:00 to 9:00,at noon from 12:00 to 14:00 and in the evening from 17:00 to 23:00.
Saturday and Sunday P3	**P3**	The P3 program sets the Comfort temperature set point on weekends from 5:00 to 23:00.
Customisable programs see pages 23 and 24.	**P4** **P5** **P6**	The customisable programs allow you to set set point time intervals in the Comfort mode according to your needs.

i   If no operations using the ⊕ and ⊖ keys are performed for 15 seconds, the display returns to its original position.

OPERATING MODE: CUSTOM PROGRAMMING
- P4/P5/P6 :

In this mode, the heater operates in automatic daily mode at the Comfort or Setback set points. To do this :

Regardless of the current operating mode :

- Press these (C ideal) and (▤) keys simultaneously for 3seconds.

The screen will display «Pr».

- Press the ⊕ or ⊖ keys to select one of the customisable programs (P4, P5 or P6) in the drop-down menu.
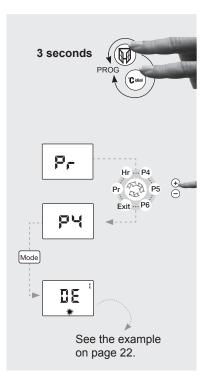(We will select the P4 program as an example).

- Confirm by pressing the [Mode] key.

See the example on page 22.

You can thus define your own time intervals, either in Comfort or in Setback mode.
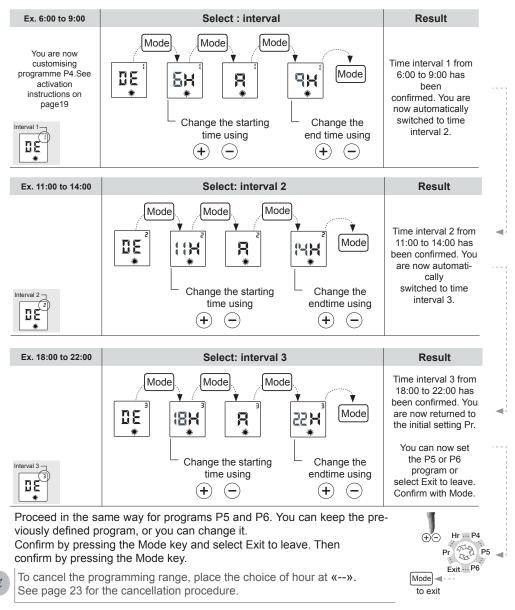(See the example on the next page.)

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i By default, the factory setting for the P4/P5/P6 programmes is Setback mode for the entire day.

HOW DO I CUSTOMISE THE PROGRAM?   EXEMPLE - P4

For example for MONDAY (program LU:P4), we wish to set the Comfort set point temperature for 3 different time intervals: in the morning from 6:00 to 9:00, at noon from 11:00 to 14:00 and in the evening from 18:00 to 22:00 hrs.

Ex. 6:00 to 9:00	Select : interval	Result
You are now customising programme P4.See activation instructions on page19	Change the starting time using (+) (−) Change the end time using (+) (−)	Time interval 1 from 6:00 to 9:00 has been confirmed. You are now automatically switched to time interval 2.

Ex. 11:00 to 14:00	Select: interval 2	Result
	Change the starting time using (+) (−) Change the endtime using (+) (−)	Time interval 2 from 11:00 to 14:00 has been confirmed. You are now automatically switched to time interval 3.

Ex. 18:00 to 22:00	Select: interval 3	Result
	Change the starting time using (+) (−) Change the endtime using (+) (−)	Time interval 3 from 18:00 to 22:00 has been confirmed. You are now returned to the initial setting Pr. You can now set the P5 or P6 program or select Exit to leave. Confirm with Mode.

Proceed in the same way for programs P5 and P6. You can keep the previously defined program, or you can change it.
Confirm by pressing the Mode key and select Exit to leave. Then confirm by pressing the Mode key.

i To cancel the programming range, place the choice of hour at «--».
See page 23 for the cancellation procedure.

5.9 - <u>Coordinating the displays (thermostat/thermometer) :</u>

Exceptionally, under certain conditions, there may be a temperature display difference between the heater's display and the thermometer display. In such a case, the two displays can be coordinated.

This coordination is possible only if the unit is set between 17 and 23°C.
All doors and windows must be closed.
Wait for the temperature to stabilise in the room (at least 6 hrs.) and as much as possible, avoid movements in the room.
The control thermometer used for measuring the temperature must be placed in the centre of the room at a height of 120 cm (48 in) from the floor. Do not place it in a flat position on the furniture.

With the thermostat in COMFORT mode, pressing the [Mode] key for 3 seconds will provoke one of the following two states :

1 - Flashing display of the set point temperature, in which case coordination is possible.
• Make the changes using the ⊕ and ⊖ keys
• Confirm by pressing the Mode key.
Or,

2 - Display of «NON» message: coordination is not possible (you have to wait for the temperature to stabilise).

i | If no operations using ⊕ and ⊖ keys are performed for 15 seconds, the display returns to its original position.

Cancel a programming range in a personnalized program.

- Press simultaneously for three seconds on the (C ideal) and (M) keys. «Pr» will show on the screen.

- Press on the ⊕ and ⊖ keys to select the program to be eliminated (ex: P4).

- Confirm by pressing on [Mode]. «DE» should appear.

- Press on the ⊕ and ⊖ keys until «- - H» appears. Confirm by pressing on [Mode].

- Carry out the same procedure by redefining your programming ranges D2 and D3 or by cancelling the range.

- To exit, press on ⊕ or ⊖ until «Exit» appears. Confirm by pressing on [Mode].
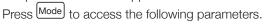
5.10 - <u>LOCKING AND SETTING SUPPLEMENTARY FUNCTIONS :</u>

This mode allows you to lock or unlock some options and to set some parameters.

Switch off the appliance, then press on [Mode] and ⏻ for 3 seconds.

Once the screen displays ⟨NIV⟩, press on ⊞ for 3 seconds, and the first parameter screen appears.
Press [Mode] to access the following parameters.

Screen	Meaning	Choice with + or -	Result
	Permanent screen back lighting or limited to 15 seconds after the last action.	I	Back lighting for 15 seconds
		O	Permanent back lighting
ENCA	Control of the setting : if this function is ON, the temperature setting is reduced ; you can not increase or decrease this setting of more than 2 °C (3.6 °F).	I	Control ON
		O	Control OFF
°C	Temperature display in ° Celsius or in °Fahrenheit.	°C	Display in °C
		°F	Display in °F

Back to user mode

6 | OVERHEAT CONTROL

This heater is equipped with an automatic reset overheat protection. In case of a malfunction of the unit (blocked air output or intake), the heater will stop heating automatically.
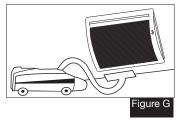
To reset the heater :

Check that the front panel, top and bottom of the heater are free of obstruction. Once the obstruction is removed and the heater cools down, the overheat control will reset automatically.

7 | MAINTENANCE

- To keep your CONVECTAIR unit clean, regular maintenance is suggested. To remove dust, use a soft cloth. To remove a stain, use a damp cloth.

- For a better performance and a maximum efficiency, it is suggested that dust and lint be regularly removed from the protective grille situated at the base of your CONVECTAIR heater.

Figure G

NEVER USE ABRASIVE OR ACETONE-BASED PRODUCTS TO CLEAN YOUR HEATER AS THIS MAY DETERIORATE THE EPOXY FINISH.

ANY REPAIR ON YOUR CONVECTAIR HEATER SHOULD ONLY BE DONE BY A QUALIFIED TECHNICIAN, AND ONLY AFTER THE HEATER HAS BEEN DISCONNECTED.

Recommendations and advice

Your CONVECTAIR heater will become hot when in use. Caution is advised when young children are present.

Do not insert small objects in the heater : this could cause an electrical short circuit, fire or damage to the inner components.

Any use or modifications not approved by CONVECTAIR may cause electrical short circuits, fire or injuries to the users.

In certain cases, it is possible for yellowing of the surface to occur over time. This is not due to a manufacturing defect.This is caused by surrounding air, which may contain smoke or dust, being heated and circulated through the heater. This is particularly the case with "white" heaters and may translate in an important important coloring of the unit.

Prevention : it is suggested that surfaces be frequently cleaned especially with units installed in bathrooms, kitchens, locations where cigarette smoke is present, rooms with a fireplace or wood stove. Never use this heater during construction work or other activities that generate a lot of dust.

PROBLEM	CHECK	ACTION
The unit does not heat.	■ Make sure that the digital display is active.	■ Press ⏻ ■ Press successively on the [Mode] until the Comfort ☀ setting is displayed.
	■ If the digital display still does not turn on.	■ Make sure that the system circuit breakers are functional and press ⏻ .
	■ Make sure that the Comfort mode is on.	■ Press successively on the [Mode] until the Comfort setting is ☀ displayed.
	■ Make sure that the Open Window function is not enabled and there are no open windows or doors in the room.	■ Close the door and/or window and reset the function by pressing 🔲.
	■ The digital display is on, the heating indicator is off.	■ Check the set point value. ■ The room temperature requires no heating. ■ The unit is in Setback mode (ECO).
The unit heats all the time.	■ Verify that the temperature setting has not been changed. ■ Verify that the unit is not located near an open door and/or in a draughty place.	■ Reset the temperature. ■ Close the door or eliminate the draught.
The unit does not follow the programming commands.	■ Verify that it is in programming mode. ■ Check the programming mode.	■ Set the unit in programming mode. ■ Perform programming.
The heater does not work.	■ Verify that code "0801" is displayed on the screen.	■ Unplug the heater from the electrical circuit for 24 hours. Once this time has passed, replug the heater. If the problem persists, contact CONVECTAIR.
IN ALL OTHER CASES, CONTACT CONVECTAIR. **1 800 463-6478 ■ support@convectair.ca** **OR the nearest Service Center.**		

9 | IDENTIFICATION OF YOUR HEATER

MODEL	COLOR FS = Satin White	VOLTAGE (VOLTS)	CAPAC. (W)	HEIGHT (cm) (in)	WIDTH (cm) (in)	DEPTH heater + bracket (cm) (in)	WEIGHT Kg (Lbs)
OPERA17							
7733-C05	FS	240 V	500 W		53,2 (21)		4,4 (9,7)
7733-C10	FS	240 V	1000 W	44 (17 3/8)	63,7 (25)	11,3 (4 1/2)	5,3 (11,7)
7733-C15	FS	240 V	1500 W		84,7 (33 3/8)		7 (15,4)
7733-C20	FS	240 V	2000 W		105,7 (41 5/8)		8,7 (19,2)
OPERA12							
7732-C07	FS	240 V	750 W	28,3 (11 1/8)	105 (41 5/8)	10,5 (4 1/8)	5,5 (12,1)
7732-C10	FS	240 V	1000 W		116,2 (45 3/4)		6,1 (13,4)
OPERA46							
7734-C10	FS	240 V	1000 W	84,7 (33 3/8)			7,1 (15,4)
7734-C15	FS	240 V	1500 W	105,7 (41 5/8)	44 (17 3/8)	12,3 (4 7/8)	8,8 (17,6)
7734-C20	FS	240 V	2000 W	116,2 (45 3/4)			9,6 (19,8)

Optional accessories :

Several programming modules can be added to this heater : the Pilot Wire Programmer or the Power Carrier Master and Receiver modules.
For more information on these modules, please contact CONVECTAIR.

Tel. : (450) 433-5701 - 1 800 463-6478
Fax : (450) 434-3166
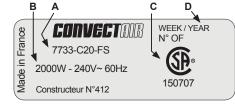support@convectair.com
www.convectair.com

IDENTIFICATION LABEL

IMPORTANT : PRODUCT INFORMATION APPEARS ON THE HEATER'S IDENTIFICATION LABEL.

The identification label is located on the back of the heater.

It includes :

- The complete model number, capacity, colour (A) and its production reference number (D) that must be included in any warranty claim.
- Capacity (B).
- Standard certification (C).

B   A   C   D

Made in France

CONVECTAIR

7733-C20-FS

2000W - 240V~ 60Hz

Constructeur N°412

WEEK / YEAR
N° OF

CSA®

150707

10 | WARRANTY INFORMATION

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

All CONVECTAIR heaters are subjects to a double warranty.

Warranty is applicable from date of purchase by the customer and under certain specific conditions. All details furnished with each heater. Please keep your invoices (purchase and / or installation).

To register your product warranty you may fill out the form availbale on our website OR by fill out the paper form included with the heater.

Unauthorized modification of the heater will contravene with the product warranty.

SERVICE CENTERS :
Contact CONVECTAIR to find the closest service center:
• **Toll-free : 1 800 463-6478**

• **Website : www.convectair.com**

CONVECTAIR

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