

IMPORTANT
to be kept by the user

CONVECTAIR

CALYPSO

INSTALLATION AND OPERATING INSTRUCTIONS FOR THE BATHROOM HEATER 7825-C20



PLANNING INSTALLATION:

Convectair recommends that the CALYPSO be installed by a qualified electrician, in accordance with national and local codes.

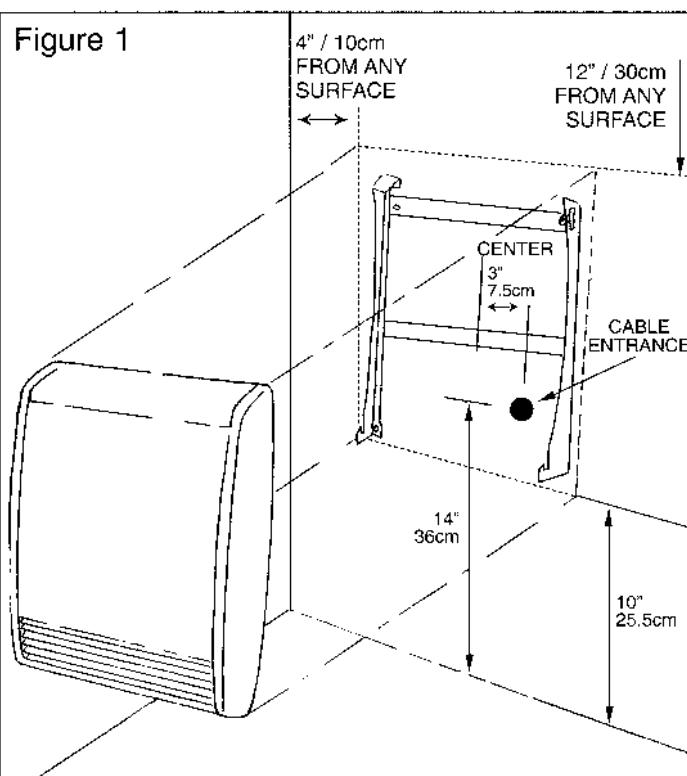
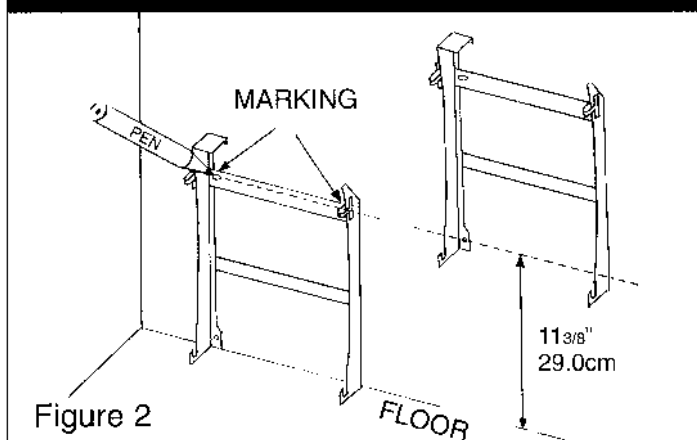
NOTE: If you plan to control the CALYPSO with CONVECTAIR's central "PROGRAMMER", the installation must be done using three-conductor wiring (12-3). You may also use regular two-conductor wiring combined with FAS 105 18-2 cable using one of the two conductors. (Please refer to the PROGRAMMER installation manual)

- 1- Choose the location where the CALYPSO will be installed.
- 2- Check that nothing interferes with the airflow to and from the unit, see required clearances (Figure 1).
- 3- A 2" x 3" junction box must be installed in the wall, prior to electrical hookup (Figure 1). The box must be of appropriate depth to receive the necessary electrical connections. The box cover is provided with the unit cable.

INSTALLATION:

- 1- Free mounting bracket by pressing and pulling both locking mechanism on upper back part of the unit.
- 2- Use the mounting bracket as a template by holding it against the wall flush to the floor. Use the upper fasteners to locate the bottom fasteners (Figure 2).
- 3- Relocate the mounting bracket to match the marks with the holes for the bottom fasteners.
- 4- Mark the upper fasteners and pre drill holes for fastening.
- 5- We suggest the use of 4 "E-Z Ancor" fasteners or equivalent.
- 6- Replace mounting bracket and fasten it with screws.

USE MOUNTING BRACKET AS A TEMPLATE FOR MARKING



WIRING:

CAUTION: This unit must be connected to a 240 or 208 volts circuit, 60 cycles. **Disconnect power supply before making wiring connections to prevent electrical shock or equipment damage. Use supply wires suitable for 90°C.**

Access to the junction box is reached the double connector situated at the rear of the CONVECTAIR.

- 1- Unscrew and remove double connector.
- 2- Connect the ground wire to the green wire inside the connection box.
- 3- Connect the lead wires to the red and black wires using the connectors provided.
- 4- You will find, in the connection box, a third purple wire with a sealed end. This wire must not be used for the electrical connection. This wire will be used only if the unit is connected to a CONVECTAIR "Programmer" central control system.
- 5- Carefully put back all wires inside the connection box, slide the cover back in place and tighten.
- 6- Hook the CONVECTAIR unit onto the mounting bracket tabs with the unit slightly angled towards you.
- 7- Push the CONVECTAIR towards the wall until it is engaged on both locking brackets.

OPERATION:

NOTE: For your convenience, two stickers with operation instructions (english and french) are provided. Please stick the appropriate one inside the control cover.

The CALYPSO has an ON/OFF switch and two operating modes (Figure 3):



- Thermostat controlled heating 1000W



- Timer controlled fast heating 2000W


Heating mode:

When the unit is on, the electronic thermostat controls the heating (1000W). To set the thermostat, adjust the setting dial to the comfort zone (between 5 and 7).

Degree celcius equivalence for thermostat dial numbers;

*	1	2	3	4	5	6	7	8	9
±7°C	±9°C	±11°C	±13°C	±15°C	±18°C	±21°C	±24°C	±27°C	±29°C

After approximately one hour of operation, adjust the desired temperature if necessary by slightly turning the setting dial clockwise to increase temperature and counter-clockwise to reduce temperature.

When the CONVECTAIR is on, it will cycle every 25-30 seconds. The indicating light  tells you when heat is on.

Fast heating mode:

This mode allows a fast temperature rise (2000W).

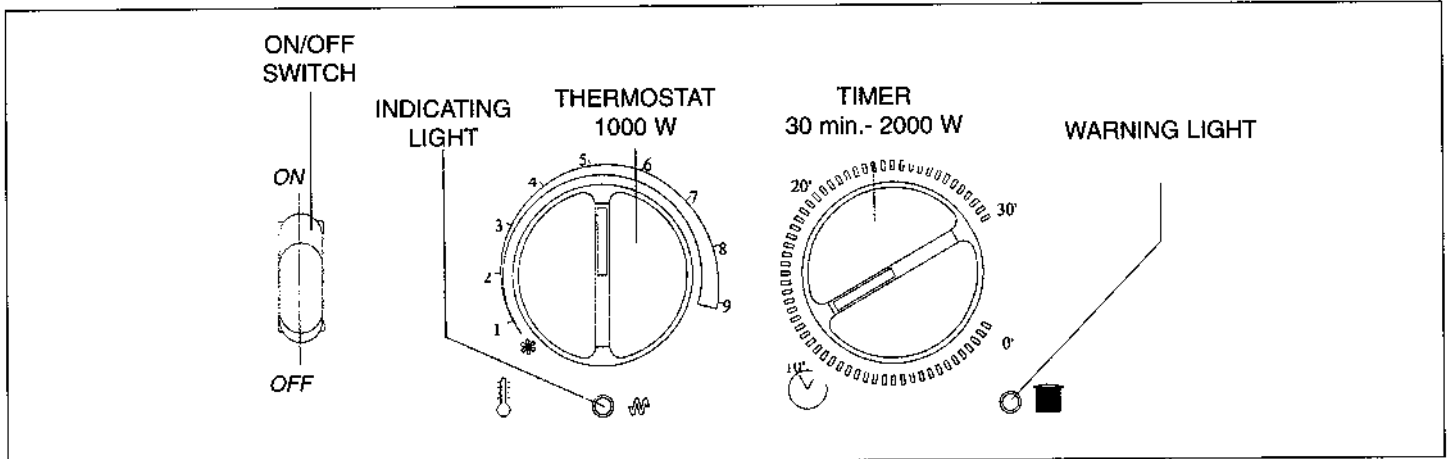
When the timer is turned on the heating becomes continuous, without cycling, for the chosen period of time (0 to 30 minutes). The timer can be brought back manually to 0 before the end of the cycle, in order to interrupt the fast heat.

TEMPERATURE LIMITING CONTROL:

In case of malfunction (blocked air output or intake, or clogged filter) the warning light will turn on and the unit will stop automatically. After correcting malfunctions the unit can be reset (see Filter).

DO NOT COVER THE TOP OF THE UNIT WITH WET TOWELS OR OTHER OBJECTS.

Figure 3



FILTER:

The CALYPSO is equipped with a filter to reduce dust intake by the unit.

When the filter is clogged up, the warning light turns on and the unit shuts off automatically (Figure 3). Clean the filter and reset the heater as follows:

- 1- Switch heater OFF.
- 2- Remove the filter (accessible from the top of the unit)
- 3- Remove the accumulated dust on the filter.
- 4- Replace the filter.
- 5- **Wait 2 minutes before switching ON again.**

MAINTENANCE:

To keep your unit clean, regular maintenance is suggested. To remove dust, use a soft cloth. To remove a stain, use a damp cloth. Never use abrasive products which could damage finish.

After a while, the warning light may go on even if the filter is not clogged up. In such case the unit may require internal cleaning. Please contact one of our repair centers or call CONVECTAIR.

WARNING: In certain cases, the grille may become yellow after a while. This phenomenon is not due to a manufacturing defect. It is caused by the smoke or suspended particles present in the surrounding air, heated and blown out through the grille. This coloration can be reduced by cleaning the grille on a weekly basis.

IF YOUR CONVECTAIR DOES NOT HEAT:

Before calling your electrician, please go through these simple checks:

- 1- Make sure the breaker in the distribution panel is in the "ON" position.
- 2- Push the unit switch "OFF" for 2 minutes and turn it back "ON".
- 3- Turn the timer to 30 minutes.
- 4- If, after these verifications, your unit still does not function, call CONVECTAIR or your electrician or your closest repair center.

WARRANTY:

- 2 years against all defects
- 5 years on heating element

All CONVECTAIR units are subject to a double warranty: 2 years on all parts and manufacturing defects and 5 years on the heating element itself. Warranty is applicable from date of purchase by the customer and under certain specific conditions. All details furnished with each unit. Please keep your invoice (purchase or installation).

REPAIR CENTERS:

To find your nearest repair center please call CONVECTAIR.

Montreal: (450) 433-5701

Toll-free from Canada and USA: 1-800-463-6478

CONVECTAIR

30, Place Sicard, Sainte-Thérèse (Québec) Canada J7E 3X6

Tel.: (450) 433-5701 Fax: (450) 434-3166

E-mail: support@convectair.ca

Web site: <http://www.convectair.ca>