

**IMPORTANT**  
for the owner

# CONVECTAIR

## JETSTREAM

### INSTALLATION AND OPERATING INSTRUCTIONS FOR THE CONVECTAIR HAND DRYER 2517-C

#### SPECIFICATIONS:

	2517-C24	2517-C27
Voltage:	120 Volts	208-240 Volts
Frequency:	60 Hz	60 Hz
Nominal power:	2400 W @ 120 V	2750 W @ 240 V
Amps:	20.0 amps @ 120 V	11.5 amps @ 240 V
Heating element:	2150 W @ 120 V	2500 W @ 240 V
Motor rating:	0.3 HP (250 W)	0.3 HP (250 W)
R.P.M.:	7500	7500
Air output:	195c.f.m. (5.5m <sup>3</sup> /m)	195c.f.m. (5.5m <sup>3</sup> /m)
Outlet air temperature:	140 °F (60 °C)	140 °F (60 °C)

at 72 °F (22 °C) ambient temperature.

#### PLANNING THE INSTALLATION:

The JETSTREAM should be installed by a qualified electrician according to the national and local codes. All wiring must comply with local codes and ordinances.

1. Choose the location where the JETSTREAM should be installed.
2. Select the mounting height (refer to the table, Figure 2) and draw an horizontal line on the wall.

#### INSTALLATION:

1. Unlock the cover using the special key provided (unlock clockwise).
2. Remove the cover carefully and disconnect the ground wire, attached to the cover.
3. Holding the unit by the air outlet nozzle, place the mounting base at the selected height.
4. Mark the location of the 4 mounting holes on the wall using the mounting base as a template.
5. Mark the supply cable outlet on the wall.
6. Once the supply cable is installed, mount the unit on the wall, using the appropriate fasteners.

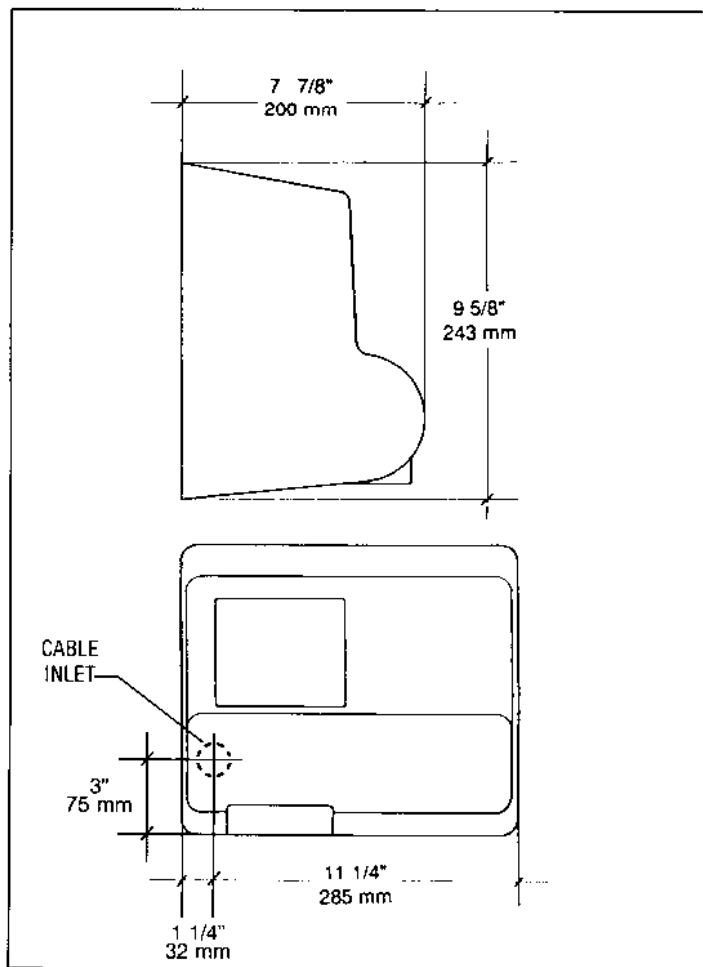


Figure 1. NOMINAL DIMENSIONS

RECOMMENDED MOUNTING HEIGHTS	
Men	49" (125 cm)
Women	43" (110 cm)
Children 4-10 years old	33" (85 cm)
Children 10-15 years old	39" (100 cm)
Handicapped	37" (95 cm)

Figure 2.

## WIRING:

**CAUTION:** Disconnect power supply before making wiring connections to prevent electrical shock or equipment damage.

1. Unscrew the 2 screws holding the terminal block cover located under the blower.
2. Loosen the 2 cable-grip screws.
3. Strip the cable (1/2" or 12 mm) and slide it through the cable-grip.
4. Connect the ground wire to the grounding screw.
5. Connect the lead wires to the L and N terminals and screw tight.
6. Tighten up the cable-grip screws and put the terminal block cover back in place.
7. Connect the ground wire to the cover.
8. Slide the cover back in place and tighten up the 2 tamper-proof bolts (lock counter clockwise). Do not overtighten.

## OPERATION:

Place your hands under the air outlet and the JETSTREAM will start automatically. It will stop automatically when the hands are removed.

## MAINTENANCE:

To get the best performance from your JETSTREAM it is suggested to remove and clean regularly the dust and lint that might build up at the bottom of the unit on the air inlet located behind the nozzle. Once a year, check the wear of the brushes (a brush holder kit is included with the unit). Replace if below 5/16" (8 mm).

No special care is necessary for your JET STREAM. A soft cloth is suggested to wipe off the dust. Never use any abrasive cleaner that might damage the epoxy finish.

## NOTE:

Install 1 dryer for every 2 wash-basins. For Bradley fountains a minimum of 4 units is suggested. For multiple installations, place the units at different heights.

## BRUSH REPLACEMENT:

This operation should be performed by a qualified person.

**CAUTION:** Disconnect power supply before performing any work to prevent electrical shock or equipment damage.

Once the cover has been removed:

1. Loosen by 1 turn the 4 black screws holding the motor on its base.
2. Remove the 2 black connectors attached to the brush holders.
3. Slide the tie-wraps to the outside.
4. Turn the motor 1/8 th of a turn and remove the 2 screws holding the brush-holder assembly.
5. Install the new assembly, being careful to run the blue and red wires in the groove.
6. Slide the tie-wraps back in place being careful not to damage the wires and checking that no wire touches a rotating part.
7. Slide the black connectors back in place.
8. Turn the motor back to its original position and tighten up the screws by 1 turn without locking them.
9. Connect the ground wire to the cover.
10. Put the cover back in place.

## CONVECTAIR

30 Place Sicard, Sainte-Thérèse, Quebec, Canada J7E 3X6  
Tel.: (514) 433-5701 Fax: (514) 434-3166  
Toll-free from Canada and USA: 1-800-463-6478  
E-mail: support@convectair.ca