Panel Convector Heater
DEP/DNP Series

**IMPORTANT INSTRUCTIONS**

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock and injury to person, including the following:

1. **THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE.** Note also the information presented on the appliance. **CAUTION:** FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE INJURY AND/OR DAMAGE AND MAY VOID YOUR WARRANTY.

2. **SUITE APPLICATIONS. WARNING:** This heater is suitable for normal domestic household purposes and should not be used in any other type of environment. This product should only be used in the country where it is purchased from by a recognized commercial retailer. Do not use outdoors.

3. Do not operate any heater after it malfunctions. Disconnect power at the service panel and have the heater inspected by a reputable electrician before reusing.

4. To disconnect the heater, turn the controls to the OFF position, and turn off the power to the heater circuit at the main disconnect panel.

5. To prevent a possible fire, do not block the air intakes or exhaust in any manner.

6. A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable vapors or liquids are used or stored.

7. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, etc. and curtains at least 3 ft. (0.9 m) from the front and sides of the heater.

8. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.

9. **IMPORTANT:** The heater must not be located immediately below a socket-outlet.

10. **WARNING:** The DNP series heaters are not equipped with a device to control the room temperature. Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

   ![WARNING](image.png)

   **WARNING:** In order to avoid overheating, do not cover the heater.

11. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

12. **CAUTION:** Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

13. Children of less than 3 years should be kept away unless continuously supervised.

14. Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

**SAVE THESE INSTRUCTIONS**

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**WARNING:** Disconnect power and allow the unit to completely cool before attempting any maintenance or cleaning to reduce the risk of fire, electric shock, or damage to persons.

**WARNING:** Servicing and product repairs should only be undertaken by the manufacturer’s approved service agent or a similarly trained or qualified person, using only exact manufacturer approved spare parts.

⚠️ **WARNING:** Do not install the heater directly near a bathtub or shower. Any switches or controls must not be within reach of a person in the bathtub or shower.

⚠️ **CAUTION:** The supplied hanging components are designed for use with this heater only. Improper use, or use for purposes other than intended, may cause damage or injury.

⚠️ **WARNING:** Means of disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.

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**Installation Instructions**

**Figure 1**

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEP0500</td>
<td>16.7 in. (425 mm)</td>
<td>4.4 in. (113 mm)</td>
<td>7.9 in. (200 mm)</td>
</tr>
<tr>
<td>DNP0500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEP1000</td>
<td>20.7 in. (525 mm)</td>
<td>6.4 in. (163 mm)</td>
<td>7.9 in. (200 mm)</td>
</tr>
<tr>
<td>DNP1000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEP1500</td>
<td>24.6 in. (625 mm)</td>
<td>6.4 in. (163 mm)</td>
<td>11.8 in. (300 mm)</td>
</tr>
<tr>
<td>DNP1500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEP2000</td>
<td>32.5 in. (825 mm)</td>
<td>8.4 in. (213 mm)</td>
<td>15.7 in. (400 mm)</td>
</tr>
<tr>
<td>DNP2000</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: DEP models include built-in electronic control. DNP models require a wall thermostat (sold separately).

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**IMPORTANT:** The wall bracket supplied with the heater must be used.

**IMPORTANT:** Do not install if the product is damaged.

**WARNING:** In order to avoid overheating, do not cover or obstruct the heater. Do not place clothes or towels on the heater, or obstruct the air circulation around the heater, for instance by curtains or furniture, as this could cause overheating and a fire risk.

Extreme caution is necessary when any heater is used by or near children or invalids and whenever the unit is left operating and unattended.

⚠️ **NOTE:** Ensure that the air can enter and leave the heater freely, through the inlets at the bottom and the outlets at the top.

**Electrical Connection**

⚠️ **WARNING:** All wiring must comply with National Electrical codes and local codes and utility requirements. This installation should be entrusted to duly qualified personnel where required by law.

Connect the supply wire into a properly rated electrical junction box.

⚠️ **NOTE:** Consult your local electrical code for applicable wire gauge.

**SAVE THESE INSTRUCTIONS**
Connect the black from the power supply to the black wire from the unit, connect the white wire from the power supply to the white wire from the unit, and connect the grounding wire to the chassis using the designated grounding screw.

**ELECTRICAL INSTALLATION**

**CAUTION:** Disconnect electric power supply before working on circuit wiring to prevent electric shock.

**CAUTION:** Electrical connection must have ground fault protection (GFCI or GFI).

**CAUTION:** This heater must be grounded.

**CAUTION:** A circuit breaker is required for proper installation, do not load beyond 80% capacity.

**CAUTION:** High temperature, risk of fire, keep electrical cords, drapery, furnishings, and other combustibles at least 3 feet (0.9 m) from the front of the heater and away from the side and rear.

The heater is designed for indoor use as a room heater and should not be used for any other purpose. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.

Before commencing installation, make sure that the electrical supply voltage is the same as that shown on the rating label of the heater.

To reduce the risk of fire, do not store or use gasoline or other flammable vapors and liquids in the vicinity of the heater.

Ensure that the heater has been securely fastened in its final position.

The heater can only be installed horizontally. Do not install the heater vertically. Failure to do this may cause a fire risk or poor heater performance.

There are no user-serviceable parts inside the heater. Any servicing other than regular cleaning of the heater should be performed by an authorized service professional.

**WARNING:** This heater must not be connected to the electricity supply via an external switching device (such as a timer) or a circuit that is regularly switched on and off by the utility supplier. Failure to follow this warning could result in the heater’s thermal cut-off being inadvertently reset and could create a fire hazard.

**IMPORTANT:** The heater should be positioned observing the minimum clearances stated around the heater.

**Minimum Clearances**

[Diagram showing minimum clearances]

**Wiring Diagram DEP Models 1500 and 2000 watts**

[Diagram showing wiring diagram]

**Wiring Diagram DEP Models 1000 and 500 watts**

[Diagram showing wiring diagram]
Installation Instructions

Wiring Diagram DNP Models 1500 and 2000 watts

1. Insert the supply cable through the strain relief of the installation cover. Remove 1.97 inches (50mm) of the outer insulation, and .4 inches (10mm) of the inner insulation.

2. Connect the grounding wire to the chassis using the designated grounding screw.

3. Cut two 30mm pieces of the insulating sleeve and slide over the black and white conductors of the supply cable. Connect the black and white leads to the corresponding wires on the heater, using the wire nuts provided.

! NOTE: The insulating sleeve, supplied with the product, must be placed over the exposed black and white conductors of the supply cable.

4. Insert the two tabs of the installation cover into the two slots in the chassis and fold the cover over the wiring.

5. Fasten the installation cover with the two screws. Make sure the supply cable is securely fastened by firmly pulling it.

Wiring Diagram DNP Models 1000 and 500 watts
Installation Instructions

6. The wall bracket can be used as a measuring device for placing the heater on the wall. Mark the location for the two bottom screws (A-A) and fasten the two screws in the wall.

7. Place the wall bracket onto the bottom screws (A-A). Then fasten the wall bracket with the top screws. Place the heater on the wall bracket (1), secure the tilt strap (2) and click the heater onto the top catches (3).

8. For additional safety, secure the heater safely to the wall. Fasten a screw (not included) on each of the two catches at the top of the wall bracket.

Operation

The DNP model convectors must be controlled using a properly rated wall mount thermostat, which needs to be purchased separately.

! NOTE: Should the heater overheat, an automatic thermal cut out will turn the heater off. The heater will reactivate once the heater has cooled. It will continue to cycle on and off automatically until the reason for overheating is removed.

IMPORTANT: Remember to observe all safety warnings and precautions when operating the heater on the automatic or timer modes, either attended or unattended since a fire risk exists when the heater is accidentally covered or displaced.

Maintenance

⚠ WARNING: Disconnect power and allow the unit to completely cool before attempting any maintenance or cleaning to reduce the risk of fire, electric shock, or damage to persons.

WARNING: Servicing and product repairs should only be undertaken by the manufacturers approved service agent or a similarly trained or qualified person, using only exact manufacturer approved spare parts.

PLEASE NOTE: Household dust, lit cigarettes, candles and oil burners, combined with the convection effect of electric heaters can cause significant soot deposits to build up on the surface directly above and to the sides of the heater. This is not a fault of the heater. Extensive burning of candles or smoking in the operating environment of this product can produce heavy discolouration within a few months of use.
Warranty

The Manufacturer warrants the convector heater and components of the enclosed product against any defect in material or workmanship for a period of two years from the date of purchase, with the exception of the elements which are warranted to be free from defect in material and workmanship for ten years. In full satisfaction of any claims under this Warranty the Manufacturer will repair or replace without charge, in its factory or in the field as it alone may decide, any parts which in its opinion are defective.

The Manufacturer shall not be responsible for any transportation or shipping costs in relation to such repair or replacement except as specifically assumed by it. Misuse of this product or repairs by persons other than the Manufacturer’s authorized personnel without the Manufacturer’s written approval, will void this Warranty.

This Warranty is in lieu of all other warranties or conditions whether expressed or implied including but not limited to those of merchantability or fitness for purpose and shall constitute the sole remedy of the Purchaser and the sole liability of the Manufacturer in respect of the sale of the product, whether in the nature of breach or breach of fundamental term, or of negligence or otherwise.

The Manufacturer shall not be liable for any special, indirect or consequential damages or for any damages resulting from removal or replacement of a convector heater subject to warranty claim without the Manufacturer’s authorization.

Any claims under this Warranty must be submitted in writing to the Service Manager, Glen Dimplex Americas Ltd., 1367 Industrial Rd., Cambridge, Ontario N3H 4W3, Canada.