

⚠ IMPORTANT INSTRUCTIONS

Read all instructions before using this appliance and retain for future reference.

1. The heater is splash proof and is suitable for operation on a 208/240 Volt electrical supply.
2. The fan heater has a maximum load of 1.5 kW at 208 Volt and 2kW at 240 Volt, and is designed for permanent wall mounting on the bracket supplied only.
3. The device is only suitable for room heating within enclosed rooms.
4. Repairs and corrective measures may only be carried out by a qualified technician.
5. Disconnect the power supply in the event of a fault (pull out the device plug or switch off the fuse).
6. Observe the minimum clearances.
7. Children or persons who are not capable of operating the device safely must not operate the heater. Ensure that children do not play with the device or are left unsupervised in the vicinity of the heater.
8. Do not operate the heater in rooms where highly flammable substances are used (e.g. solvents, etc.).
9. Connecting lead must not be laid over the device.
10. Potential dangers can arise when the device switches on automatically, e.g. devices which have been covered or blocked by objects since they were last used can cause fire.
11. The outer surfaces of the device, and in particular the air outlet grid, become hot during operation.
12. Do not place aerosols or other containers susceptible to heat in the direct air flow of the unit.
13. Do not cover the heater. To prevent overheating and possible fire, do not place material or garments on the heater, or obstruct the air inlet or outlet grille.

SAVE THESE INSTRUCTIONS

⚡ Installation Instructions

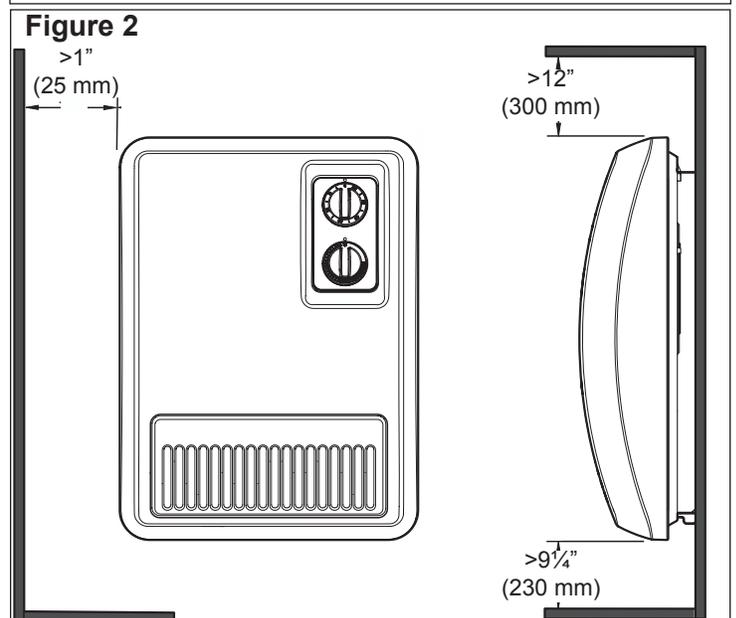
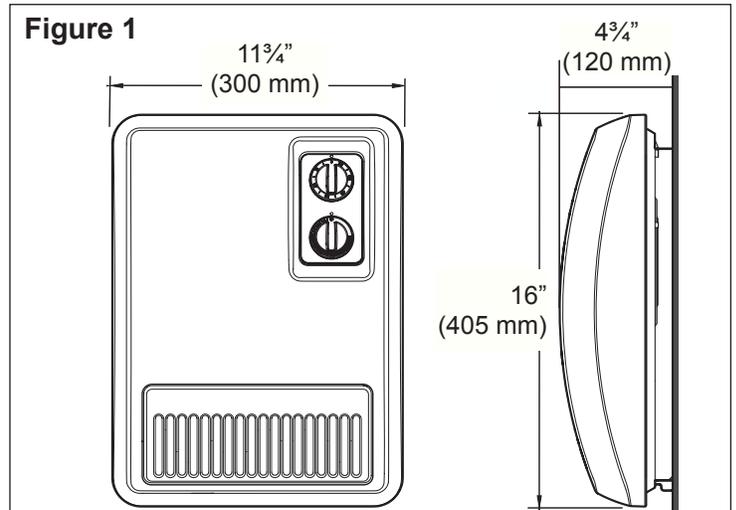
⚠ WARNING: Do not install the heater immediately below a fixed socket outlet.

⚠ WARNING: If installing in a bathroom, heater must not be installed in such a location that a person using a bath or shower can reach the switches and other controls.

See Figure 1 for dimensions of the heater.

The heater must only be installed and operated on a vertical wall as shown in Figure 2. Clearance from any vertical surface must be no less than one (1) inch (25 mm), clearance from any horizontal surface must be no less than 9¼ inches (230 mm) to the bottom of the heater and 12 inches (300 mm) to the top.

In addition, a minimum clearance of three (3) feet (900 mm) between inflammable objects e.g. curtains, towels or heat-sensitive plastics, and the front of the unit must be maintained.



Electrical Connection

Verify that the supply voltage is the same as that stated on the heater (AC supply only).

This heater is designed for use on a 208/240V 60Hz AC single-phase supply. Connection requires a supply wire that must consist of two wires plus ground and have a rating capable of handling all loads on the circuit.

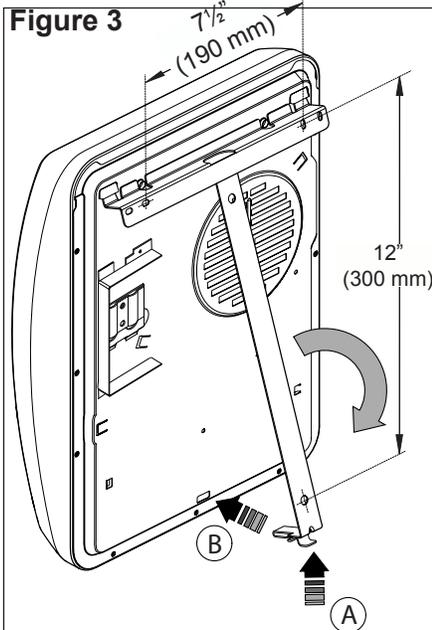
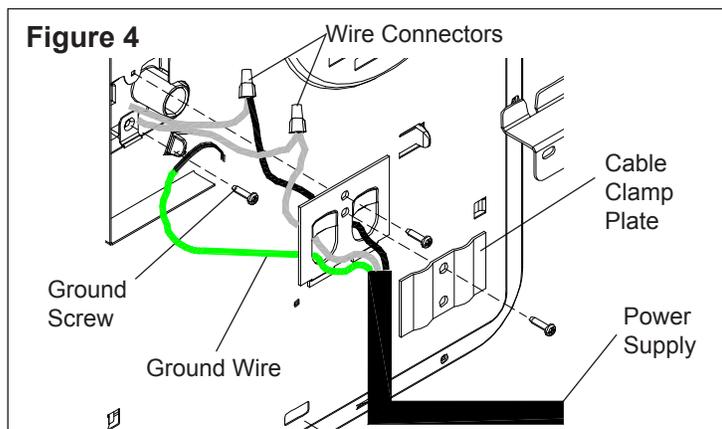
Make all relevant electrical connections within an installed junction box and ensure all wiring meets all local electrical and building codes. Where local code requires the disconnection of all ungrounded supply lines, a double pole isolating switch must be fitted to facilitate isolation.

Connection to the heater should be made using the provided fitted cable clamp assembly at the back of the heater to meet local code requirements.

⚠ WARNING: Always use a qualified and licensed electrician for all wiring and electrical connections. Improper wiring could lead to a fire hazard.

Mounting Instruction

1. The heater is supplied with a wall mount bracket, three (3) screws with wall plugs, and a cable clamp assembly. Other or supplemental hardware should be used as needed and as appropriate for the type of wall being mounted to.
2. Unlock the wall bracket (Figure 3-A) and remove from the device.
3. Position wall bracket on wall, and mark desired position through bracket holes.
4. Drill mounting holes for the wall bracket and insert the wall plugs.
5. Align the wall bracket and firmly screw it onto the wall.
6. Remove the large Phillips screw from back of heater holding the cable clamp in place (Figure 4). Set screw and clamp plate aside.
7. Remove the smaller Phillips screw and larger metal plate to gain access to the heater's wiring (Figure 4).
8. Make the L1 and L2 connections from power supply to the wires within the heater (wires will be labeled), using the supplied wire connectors.
9. Connect ground wire from power supply to Ground Screw (Figure 4).
10. Reattach the large metal plate and screw removed in step 2 allowing the cable to feed through.
11. Run cable over the large plate and clamp in place with the clamp plate and screw removed in step 1.
12. Align slots in back of heater with tabs on wall mount bracket and hang the device on the wall mount bracket.
13. Pivot down the heater and push into place (Figure 3-B).
14. Ensure that when in use, the airflow is not obstructed.



Operation

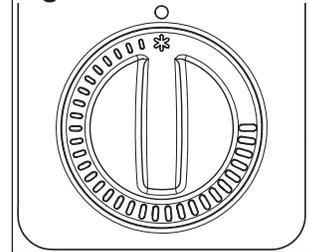
Thermostat

The EF12 model is fitted with an adjustable thermostat allowing the room temperature to be controlled by adjusting the setting accordingly. The thermostat has a minimum setting, which can be used as a frost protection setting. Provided that the controls are set to a heating function, the heater will come on when the surrounding temperature falls to approximately 5° C (41° F).

Turn the thermostat knob (Figure 5) to the highest position to warm the room rapidly. When the room temperature has reached the desired level, turn the thermostat knob back slowly until the thermostat just clicks off. The heater will then maintain the room temperature at the chosen level.

Should your heater fail to come on when the thermostat is at a low setting, this may be due to the room temperature being higher than the thermostat setting.

Figure 5



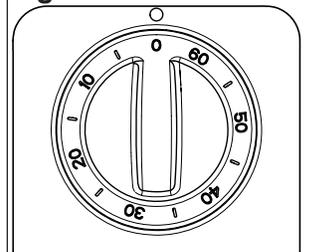
60-minute Timer

The EF12 model incorporates a 60 minute delay timer and thermostat. With the timer set at '0' the heater will operate at 1kW (on a 240 V supply) or 0.75kW (on a 208 V supply) and low fan speed under the control of the thermostat.

With the Timer in operation the heater will output 2kW (on a 240 V supply) or 1.5kW (on a 208 V supply) and high fan speed without thermostatic control.

Set the timer by turning the control knob clockwise until the required operating time is indicated opposite the mark as shown in Figure 6. The heater will operate at 2kW output (on 240 V supply) or 1.5kW (on 208 V supply) for the set period, after which the output will reduce to 1 kW (on 240 V supply) or 0.75kW (on 208 V supply). The timer setting may be overridden at any time by returning the knob to '0'.

Figure 6



Protection Against Overheating

A thermal cutout will switch off the heater if for any reason it overheats. Should the cutout operate, disconnect heater from power supply and determine the reason for overheating. Resolve the reason for overheating before attempting to use the heater again. To reset the heater it is necessary to switch off the power to the heater for several minutes.

Faults

If the heater does not give off heat, check the following points:

- Has the thermostat been set to the desired temperature?
- Has the overheat protection been triggered? See Protection Against Overheating section.
- Is the fuse in the fuse box switched on?

If the fault cannot be corrected, please contact a specialist electrical service center or else your nearest after-sales

service.

When the power line of this device is damaged, it must be replaced by the manufacturer or after-sales service, or by a similarly qualified person, in order to avoid risks.

To process your order, please state the production number and manufacturing date of the device. This information is listed on the back plate.

The device must only be repaired or manipulated by a skilled electrician or the after-sales service.

Maintenance

Cleaning

The outside can be cleaned with a soft damp cloth and then dried. Do not use abrasive cleaning powders or furniture polish as this can damage the surface finish.

Warranty

The manufacturer warrants the heating elements and components of the enclosed product against any defect in material or workmanship for a period of two 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 operation 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 heater subject of a warranty claim without the manufacturer's authorization.

This warranty is transferable by the original consumer purchaser of the product. Any claims under this warranty must be submitted in writing to: Dimplex North America Limited, 1367 Industrial Road, Cambridge Ontario, N1R 7G8, Canada.



1367 Industrial Road • Cambridge ON Canada N1R 7G8
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