

## ⚠ 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. Read all instructions before using this heater.
2. A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint or flammable liquids are used or stored.
3. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials such as: furniture, pillows, bedding, papers, clothes and curtains away from heater.
4. To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces like a bed where openings may become blocked.
5. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.

## SAVE THESE INSTRUCTIONS

### 🔧 Installation Instructions

**⚠ WARNING:** Wiring procedures and connections should be in accordance with the National Electric code (NEC) and local codes.

1. The heater should be mounted for DOWNWARD discharge only and the junction box should face away from walls or other obstructions to provide easy access to the junction box.
2. The 24" minimum dimension shown in Figure 1 must be maintained if it is ever necessary for a serviceman to removed the fan motor without moving the heater from its mounting position.
3. The heater is to be mounted a minimum of 8' from the floor with four 3/8"-16 theraded rods. The rods are threaded into four 3/8"-16 threaded holes in the top panel (Figure 2) and secured to the supporting members by placing the flat washer, lock washer and nut on both sides of the supporting member. (3/8"-16 rods supplied by customer) (See Figure 3 for typical mounting)
4. The ceiling must have adqueate strength to support the heater. Attachement to a firm support is a necessity.
5. Rough-in wiring to heater. See Table 1 for line amperes. Control wiring is in 1/2" conduit.
6. Wire heater according to enclosed wiring diagram. All wiring is to be done in accordance with local and national electirc codes.
7. Connect from fused disconnect switch or circuit breaker to terminals marked L1, L2 for single phase units and L1, L2 and L3 for three phase units. Connect a correctly rated thermostat to terminals marked T1 and L as shown on the wiring diagram.

8. For fan only features, connect a correctly rated switch or thermostat to terminals L and S1.

**! NOTE:** The thermostat sensing element should be located near the ceiling wherever heat buildup occurs.

9. A thermostat for room temperature control should be located on an inside wall out of the direct sunlight and away from the air blast from any heating or cooling device. For the most economical operation, it is advisable to have each heater controlled by a separate thermostat.
10. Carefully inspect the completed installation. Rotate the fan by hand to make sure that it turns freely. Investigate any rubbing, binding or interference.
11. Air diffusers for reflecting the air are optional. See insturctions packed with the diffuser kit for installation procedure.

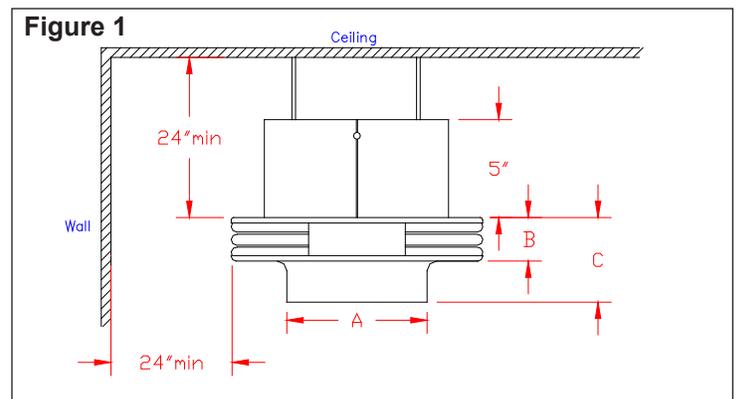
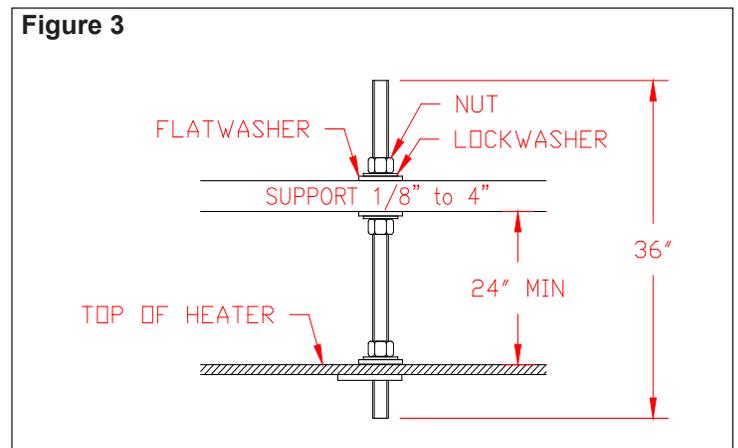
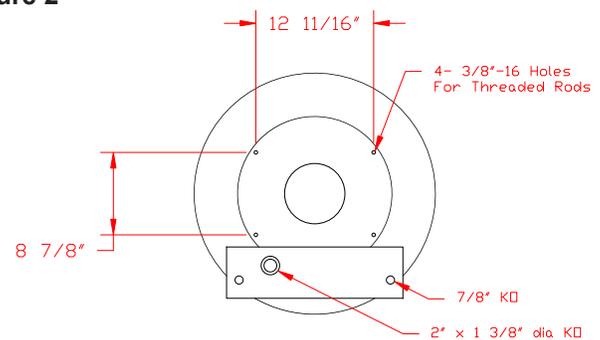


Figure 2



**Table 1**

Series	KW	Dimensions		
		A	B	C
VUB-1E	10-25	14-1/2"/ 368mm	4-1/2"/ 114mm	8-3/4"/ 222mm
VUB-2E	30-50	18-1/2"/ 470mm	8-1/4"/ 210mm	12-1/2"/ 318mm

## Operation and Maintenance

**⚠ CAUTION:** Before removing the front cover for cleaning, make certain the power has been turned off at the circuit breaker panel.

**⚠ CAUTION:** Allow adequate time for the element and body casing to cool before attempting to work on the heater.

1. Under normal conditions, the heater should be cleaned once a year. **DISCONNECT ALL POWER** before cleaning or servicing the heater.
2. All motors are lubricated for extended life operation, and will not have to be oiled.

## Warranty

The Manufacturer warrants the heating elements and components of the enclosed product against any defect in material or workmanship for a period of one year from the date of purchase. 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 express 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 to 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 the Service Manager, Dimplex North America Ltd., 1367 Industrial Rd., Cambridge, Ontario N1R 7G8, Canada.