

## INSTALLATION INSTRUCTIONS belt guard gas-fired blower unit heaters

### IMPORTANT

The use of this manual is specifically intended for a qualified installation and service agency. All installation and service of these units must be performed by a qualified installation and service agency. Modine manuals may contain excerpts from component supplier literature adapted for Modine products. Any accompanying component supplier literature is for general information.

### Model Application

The belt guard assembly is designed to enclose the motor, belts, and sheaves (pulleys) on all blower type gas-fired unit heaters.

### Assembly and Installation

The belt guard comes completely assembled. No assembly is required before attaching it to the unit heater.

**NOTE:** Make sure all blower adjustments are made prior to installing belt guard or the belt guard will have to be removed to make these adjustments. Blower adjustment procedures are found in the installation and service manual.

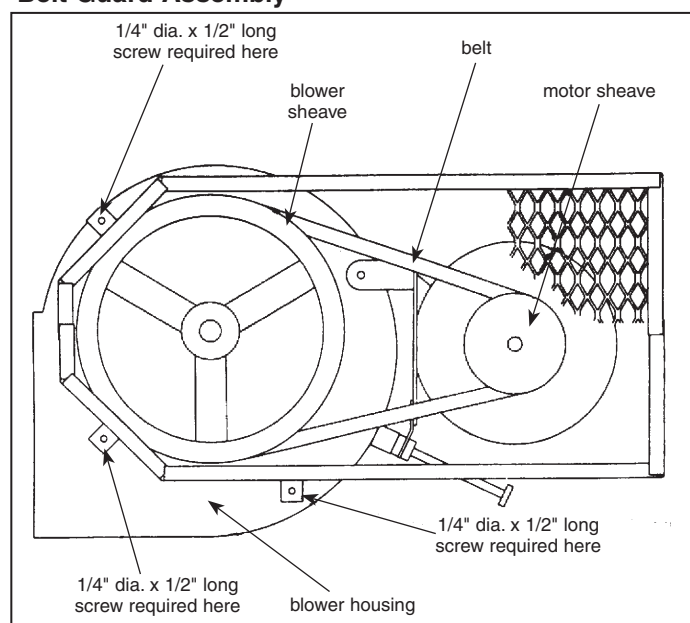
The recommended procedure for attaching the belt guard assembly to the unit heater is as follows:

1. Shut off power to the unit.
2. Determine the proper position for the belt guard around the motor, belt, and sheaves (pulleys) allowing enough clearance around the blower sheave and around the motor. Future movement of the motor (for subsequent belt tension adjustment) should be considered when positioning belt guard at the motor end.
3. Once the belt guard is properly positioned, mark and drill 3/16" diameter holes in the blower housing using the belt guard as a template.
4. Attach with the 1/4" diameter x 1/2" long sheet metal screws provided. It is recommended not to exceed 3/4" long screws to avoid blower wheel interference.

An alternative method of fastening belt guard to blower housing is using a blind fastener (i.e. "Molly Bolt" or "Well Nut"). When drilling hole for blind fastener, drill hole size specified by blind fastener provider.

5. Before turning power back on, manually rotate belt to make sure there is no interference.
6. Turn power back on.

**Figure 1.1**  
**Belt Guard Assembly**



**NOTE:** There will be 3-5 mounting points depending on belt guard size.