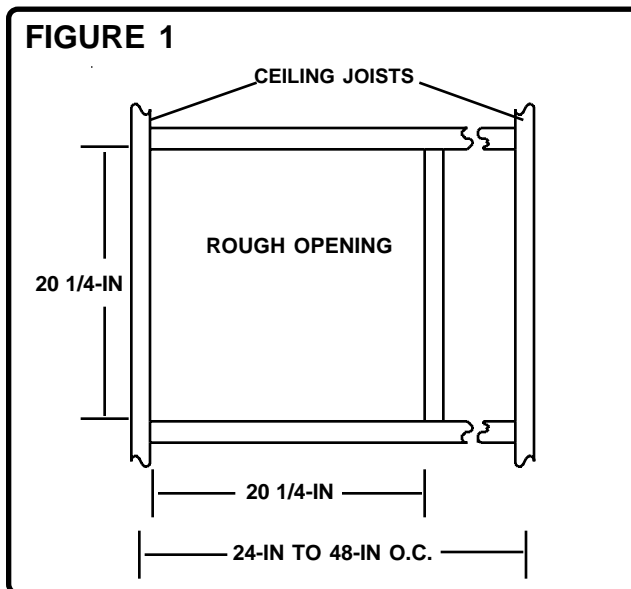
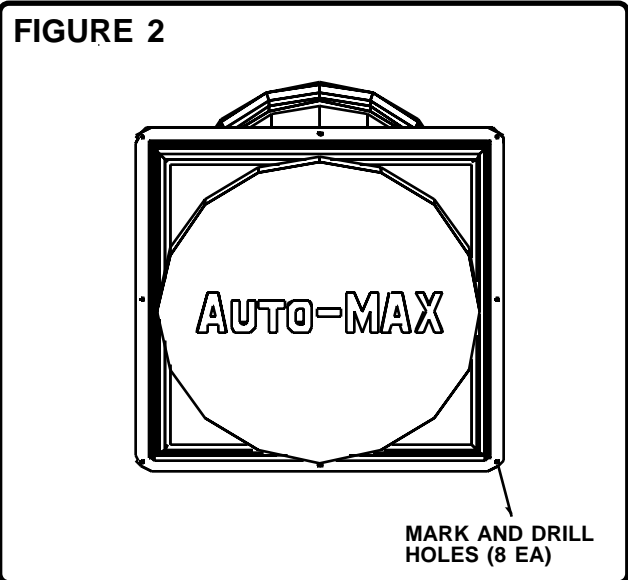


1. Construct a rough opening 20 1/4-in by 20 1/4-in square as shown in Figure 1. Provide a flat, level surface for mounting the ceiling inlet. A 17 1/4-in diameter circular hole can be provided for rooms with a wood or comparable type smooth ceiling capable of holding a screw.



2. Mark and drill eight holes in the mounting flange as shown in Figure 2.
3. Insert the inlet into the rough opening. NOTE: The inlet must slide easily into the rough opening. Do not force the inlet into the opening because this distorts the housing.
4. Fasten the inlet to the ceiling using screws with a washer in the predrilled locations. Do not overtighten.



5. Place insulation around the inlet housing in the attic. NOTE: No obstructions (insulation, nails, etc.) can be permitted inside or above the inlet for proper operation.
6. **WARNINGS:**
 - a) The inlet must be installed in a level position. The housing must not be distorted by overtightening the screws. Distortion caused by improper installation may cause improper operation.
 - b) If the inlet is attached to a ribbed-steel ceiling, ensure a flat, uniform surface is provided to fasten the inlet housing. This uniform surface can be a 3/4-in plywood (or other smooth material) frame attached to the ribbed steel ceiling. Seal the gaps between the ribs and the flat frame with foam-rubber weather-stripping or some other type of sealant. **DO NOT ATTACH THE INLET DIRECTLY TO A RIBBED-STEEL CEILING.**
 - c) For proper air flow into the inlet, at least 4-in clearance above the inlet housing is required after installation. If necessary, up to 4-in can be removed from the top of the inlet housing in order to create inlet clearance. However, inlet capacity will be reduced by removing the intake bell.
 - d) Do not install ceiling inlets where circulation fans blow directly against the ceiling inlet because the air stream may effect inlet performance.
 - e) If using blown-in insulation, cover the top of the inlet first to prevent insulation from blowing inside the inlet.
 - f) When using a pressure washer in a room with Auto-MAX (or any other type) inlets, run at least one exhaust fan to move air through the inlets and to exhaust moisture from the inlets during washing.
 - g) In cold weather, backflow of warm, moist air into the attic must be prevented by maintaining a minimum flow through the Auto-MAX. Backflow causes frost to precipitate onto the baffle where the warm air meets the cold air. The frost unbalances the Auto-MAX baffle and causes it to open beyond its normal setting and/or may block the inlet completely.