

Installation Instructions

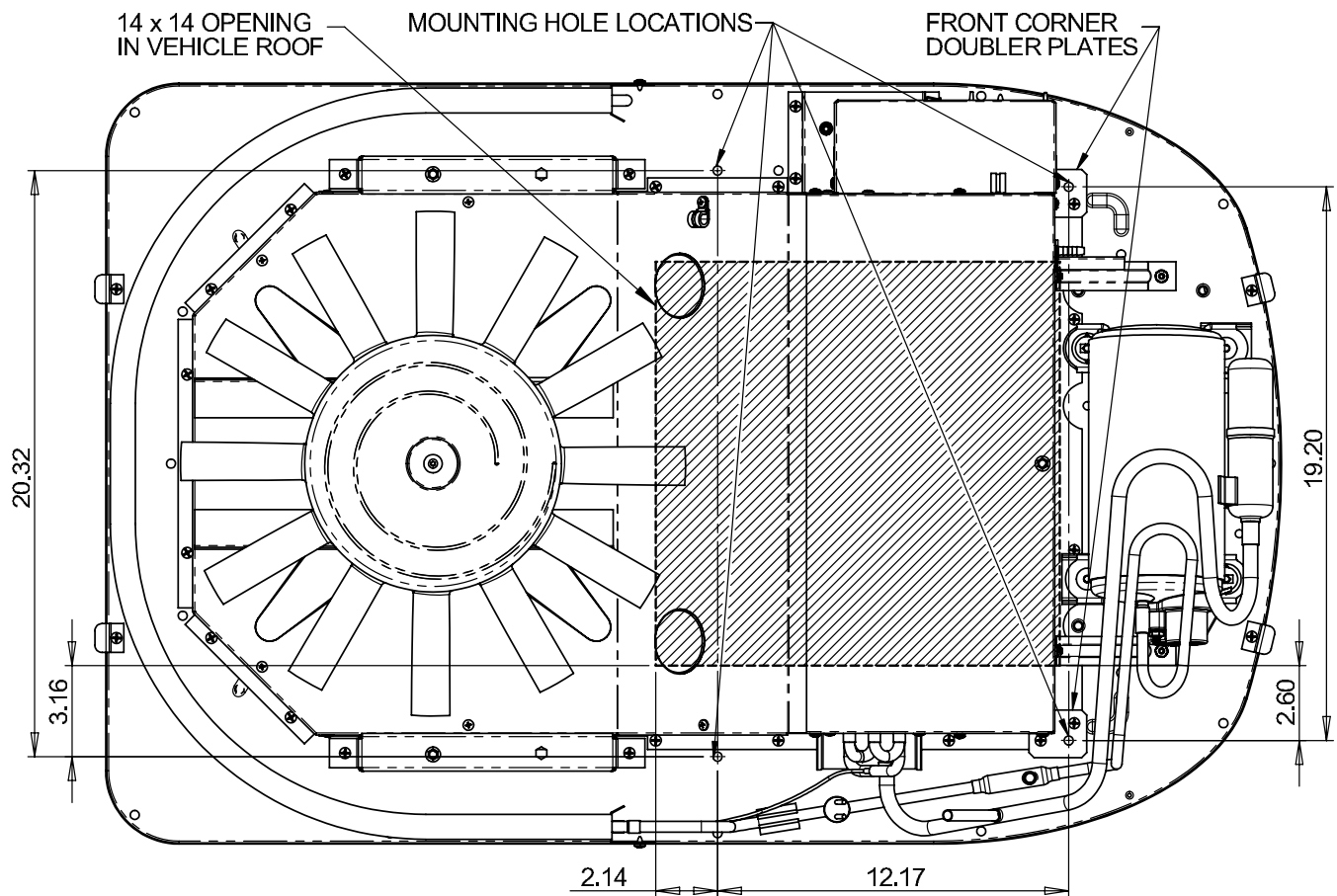
49203-1101

Polar Series Top-Down Mounting Kit

Important! When using this method of rooftop unit installation, an electric heat element must not be installed. If an electric heater is to be installed, the standard interior frame mounting method must be used to allow access to the heater from below.

When using this top-down installation method, the vehicle must be structured with a minimum 0.200" thick 6061-T6 aluminum plate embedded in the vehicle roof for the rooftop unit mounting screws to engage.

1. Remove rooftop unit plastic shroud.
2. Ensure the air conditioner model is equipped with doubler plates in the front corners of the evaporator housing as shown in Figure 1.
3. See Figure 1 for locations where mounting screws will install in relation to the 14 x 14 inch opening in the vehicle roof. Even though the mounting screws are self-drilling, pilot holes may be pre-drilled in the roof at these locations.



TOP VIEW OF POLAR-MACH UNIT WITH SHROUD REMOVED

FIGURE 1

4. Apply silicone to the bottom of the rooftop unit 14 x 14 gasket and align over the opening in the vehicle roof for installation.
5. Apply silicone to the top and bottom face of the 4 provided spacers shown in Figure 2 and position under the mounting hole locations shown in Figure 1.
6. Apply silicone to the bottom surface of the 2 provided side brackets shown in Figure 2 and position them over the rear mounting hole locations shown in Figure 1.
7. Using the 4 provided self-drilling screws and gasketed washers, run the screws down through the doubler plates and side brackets, through the spacers and into the vehicle roof. Tighten screws just until the spacers pull down to the roof. Use care to **NOT STRIP THE SCREWS**. See Figure 2.
8. Apply silicone to the top of each mounting screw head and re-install the rooftop unit plastic shroud.

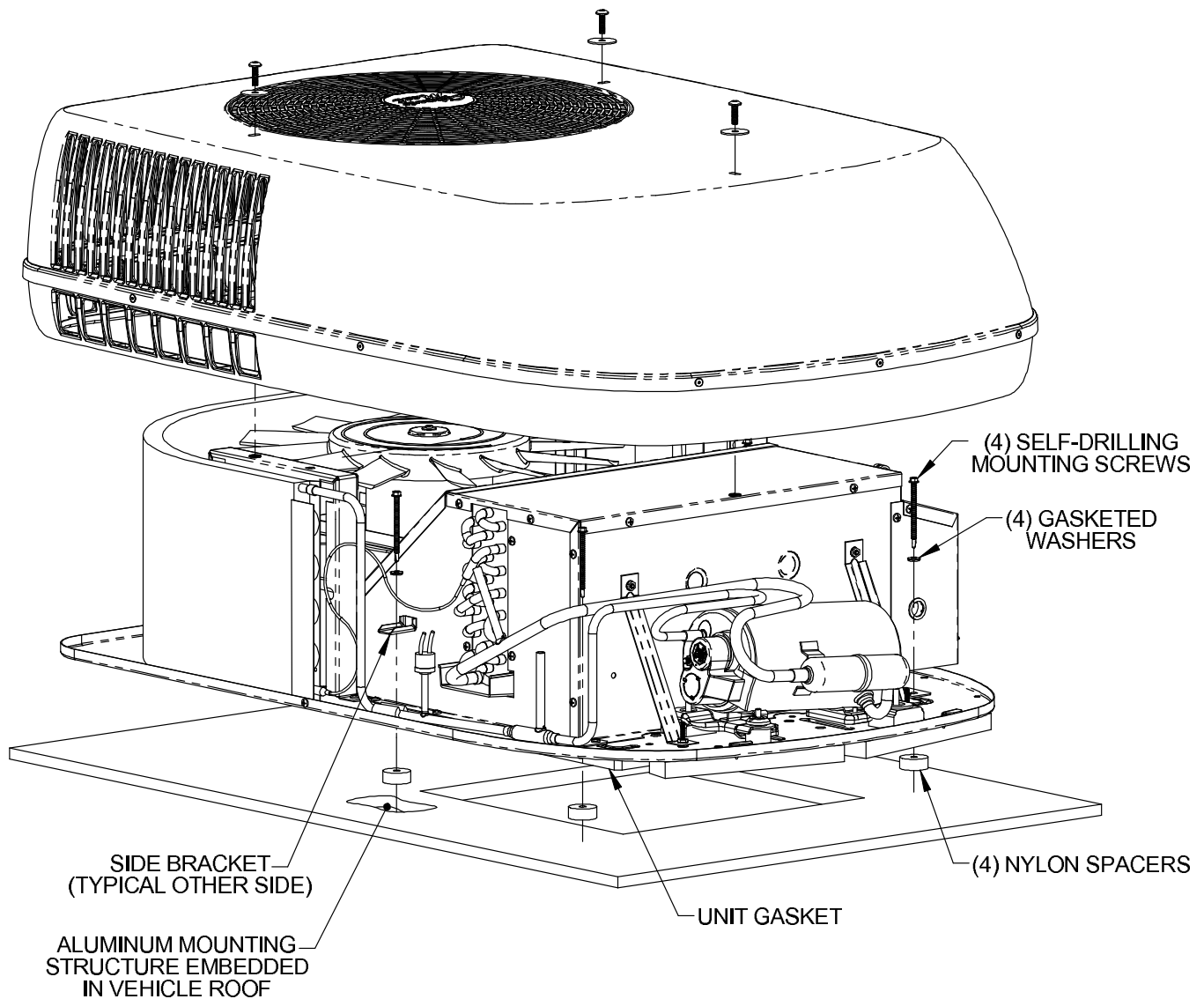


FIGURE 2