Mounting remote evaporator coils on Walk-Ins and Refrigerated Buildings

INDOORS:

1. Completely erect walk-in as per Walk-In Installation manual IM-268-11.

2. Make a paper pattern of the mounting hole spacing of the evaporator coil. Determine where the evaporator is to be placed. (The evaporator coil must be mounted with at least 6" clearance between rear of evaporator housing and vertical wall of Walk-In. This will allow sufficient space for air to be circulated over the evaporator.) Using the paper pattern mark mounting holes on the ceiling of the Walk-In. (See Figure 1)

3. Center punch and drill 3/8" Dia. holes through inside metal, insulation and outside metal.

4. Place a 1/8" x 5" x 5" plate on exterior of ceiling panel and mount evaporator coil as shown.

5. Do not tighten bolts to an extreme, for fear of crushing foam wall or stripping stainless steel threaded rod.

Figure 1
Mounting evaporator coil
weighing less than 150 lbs.
(INDOORS ONLY)
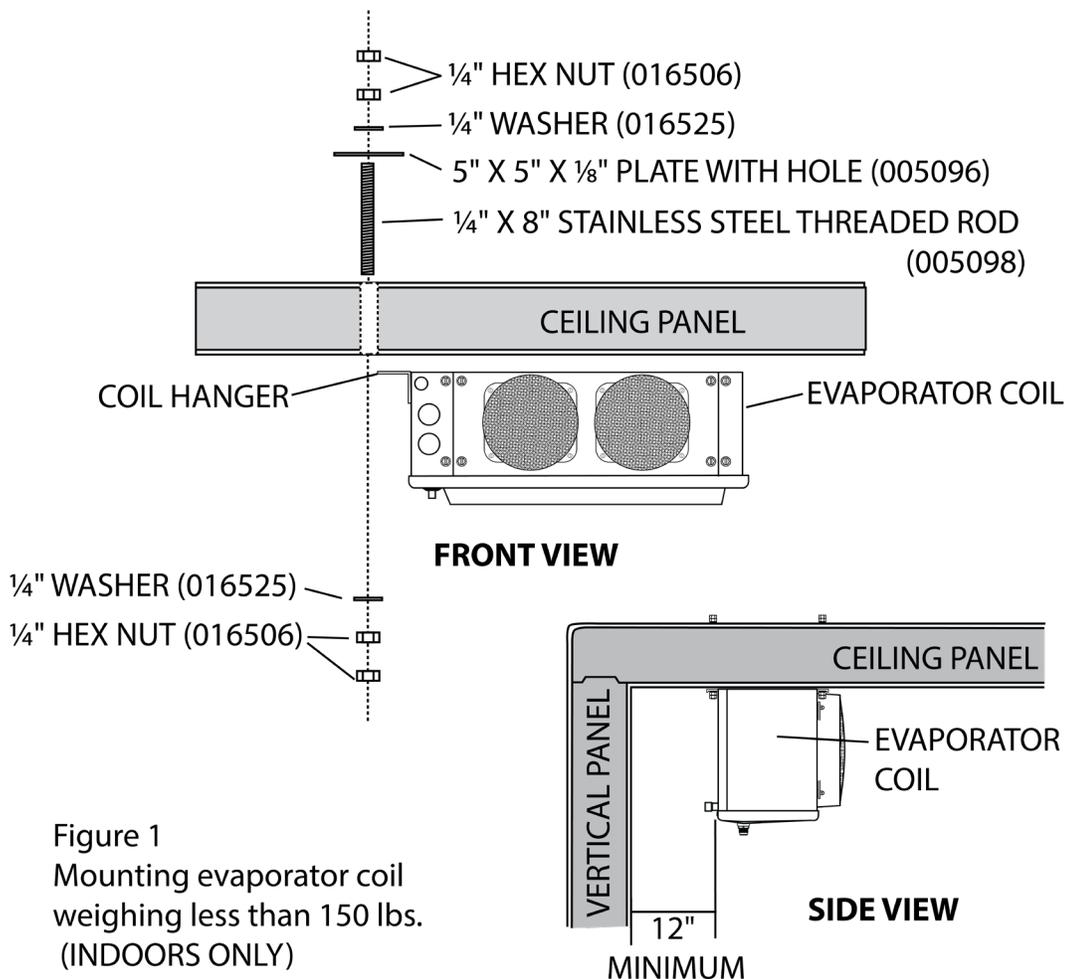
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OUTDOORS:

1. Completely erect walk-in as per Walk-In Installation manual.

2. Make a paper pattern of the mounting hole spacing of the evaporator coil. Determine where the evaporator is to be placed. (The evaporator coil must be mounted with at least 12" clearance between rear of evaporator housing and vertical wall of walk-in. This will allow sufficient space for air to be circulated over the evaporator.) Using the paper pattern mark mounting holes on the ceiling of the Walk-In. (See Figure 2)

3. Center punch and drill 1/2" Dia. holes through inside metal, insulations and outside metal.

4. Mount plate (006089) on exterior of ceiling panel with (4) #8 x 1/2" sheet metal screws (016423) and mount evaporator coil as shown.

5. Do not tighten bolts to an extreme, for fear of crushing foam wall or stripping carriage bolts.

⅜" x 8" CARRIAGE BOLT (016840)
#8 x ½" sheet metal screw (016423)
PLATE (006089)

CEILING PANEL

COIL HANGER

EVAPORATOR COIL

FRONT VIEW

⅜" WASHER (016521)
⅜" LOCK WASHER (016530)
⅜" HEX NUT (016510)

CEILING PANEL

VERTICAL PANEL
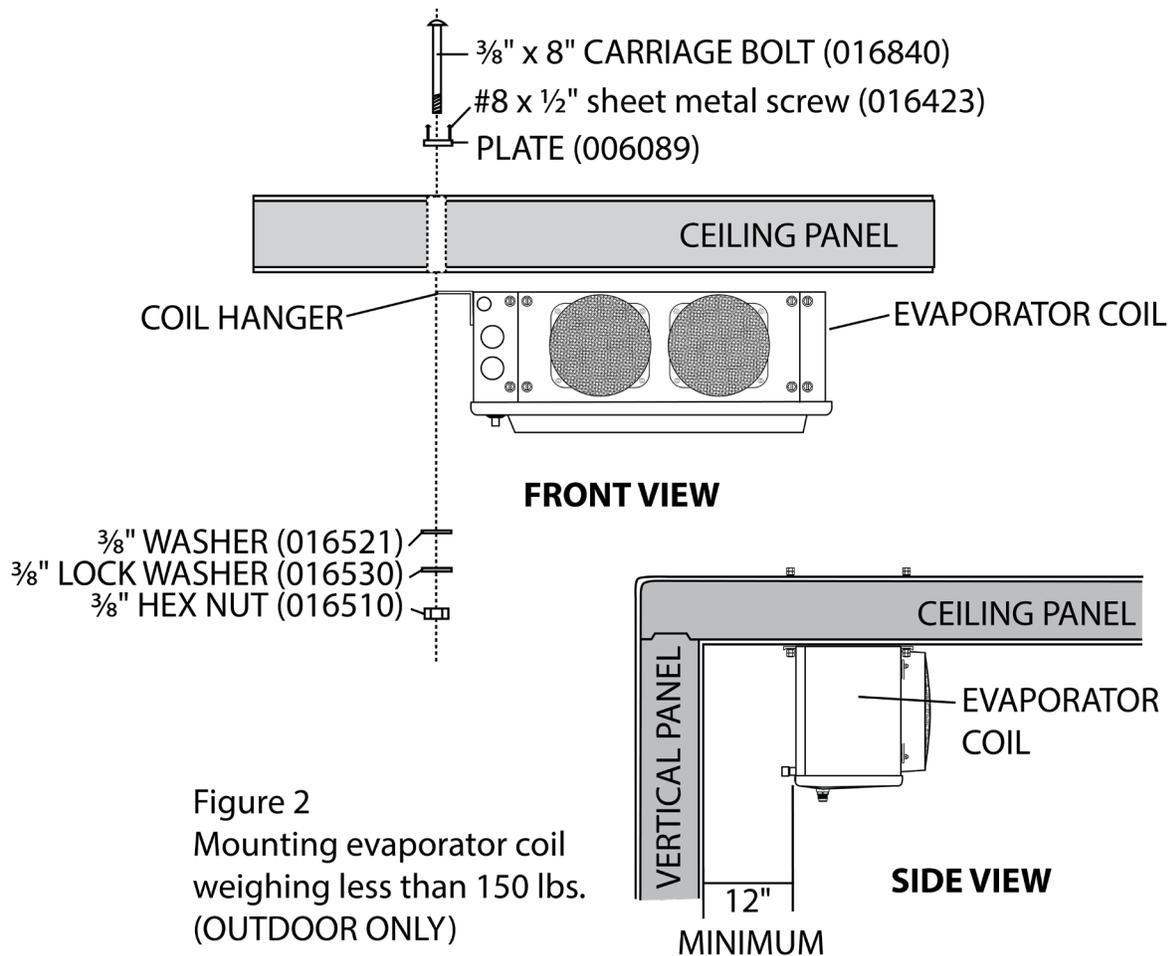
EVAPORATOR COIL

Figure 2
Mounting evaporator coil
weighing less than 150 lbs.
(OUTDOOR ONLY)

12"
MINIMUM

SIDE VIEW