



Marshhawk Thief Hatch

Required Tools

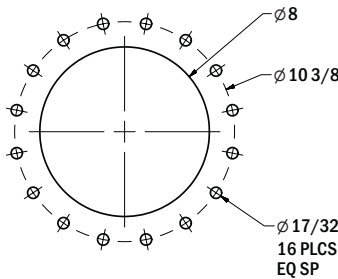
- ▶ 3/4 in. Box Wrench or Socket Wrench.
- ▶ 9/64 in. Allen Wrench

Packing List

- ▶ Marshhawk Thief Hatch
- ▶ 8" API Tank Gasket
- ▶ 16x 1/2 UNC x 1-3/4 Bolts
- ▶ 16x 1/2 UNC Nuts
- ▶ Installation Instructions and Maintenance Bulletin

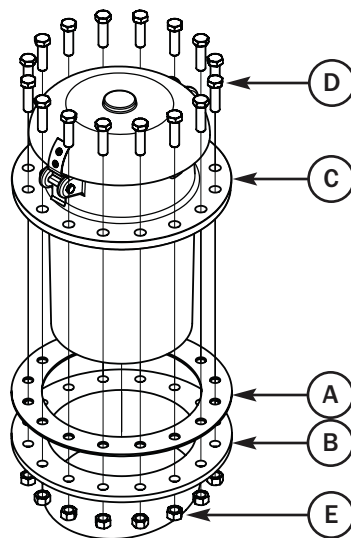
Tank Preparation

The Marshhawk has a standard 8" API flange connection (cutout and bolt pattern shown.) Other mounting options, such as ANSI flange or other API connections are accommodated with adapter spools and risers. For more information on adapter spools or risers, check the vapor control section of our website, or call us.



Hatch Installation

- 1.) Place Tank Gasket (A) on Tank Flange (B) and align holes.
- 2.) Mount Marshhawk (C) on base gasket and align holes.
- 3.) fasten with the 16 1/2 NC Bolts (D) and Nuts (E) with a 3/4 Box or Socket Wrench



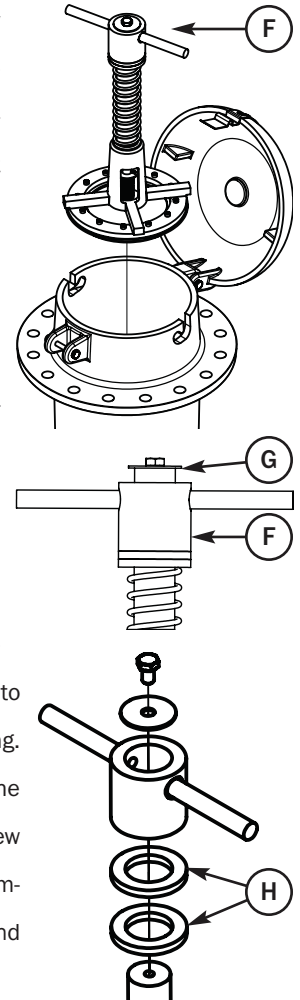
Adjusting Pressure Spacers

1.) Remove the spider cage assembly by pressing down on spring retainer (F) and rotating counter clockwise to disengage from J-slot. Lift spider-cage assembly straight out of the hatch body.

2.) Use spring retainer (F) to compress the spring, and remove retainer screw and washer (G).

3.) Remove spring retainer and add or remove pressure spacers (H) to respectively increase or decrease activation pressure. Each standard pressure spacers changes activation pressure by 2 oz/in². 1 oz/in² spacers are also available. Hawkeye recommends the maximum activation pressure to be 2 oz/in² below your tank's pressure rating.

4.) Replace Spring Retainer (F), compress the spring slightly and replace the retaining screw and washer (G). Drop the spider cage assembly into the hatch body, engage the J-slots and rotate clockwise to secure the spider cage.



Replacing Pressure / Vacuum Gasket

1.) Follow the directions above for removing the spider cage assembly from the hatch body.

2.) Remove the 12 #8-32 NC Socket Head Cap screws (I) with the 9/64 Allen wrench, freeing the gasket retaining ring (J)

3.) Remove and the Pressure Vacuum Gasket (K).

4.) Align holes on new gasket with holes on spider cage and retaining ring. With light an even torque, replace the 12 #8-32 NC Socket Head Cap Screws (I)

