



Vapor Control > Thief Hatches

Marshhawk

The Marsh Hawk Thief Hatch is a deep-set pressure and vacuum relief for atmospheric tanks. Because the pressure and vacuum seals are recessed inside the tank, the Marsh Hawk will not freeze up in low temperature conditions, providing year-round operation.

Design

By situating both the pressure and vacuum seals over 9" inside the tank, the intrinsic heat of the product protects the hatch from freezing. The hatch pressure release settings are easily adjustable, from 2 oz/in² to 16 oz/in², using proprietary pressure spacers. The guided spring ensures positive shut-off, eliminating flutter and leaks that exist in traditional hatches. The removable internals allow for easy tank access and simplify seal maintenance.

Construction

Rugged stainless steel and aluminum construction make the Marsh Hawk perfect for sweet or sour gas applications.

Flexibility

The Marsh Hawk Thief Hatch is available with a variety of seal materials, depending on application. Additionally, the field-adjustable pressure relief setting makes the Marsh Hawk a flexible tank vent solution. The Marsh Hawk can replace any existing hatch on an 8" API flange, and many mounting adapters are available to suit most tank connections. An optional pipe-away adapter is available to pipe vapours to containment or flare.

Ordering Information

- 1.) Specify Marsh Hawk Thief Hatch
- 2.) Specify Pressure Release Setting (2 - 16 oz / in²)
- 3.) Specify Seal Material (Viton STD, AFLAS available)
- 4.) Specify Connection (if other than 8" API Flange)



Above: Marshhawk Thief Hatch

Below: Marshhawk with cover open, revealing the handle of the deep-set internals.



www.hawk-eye.com

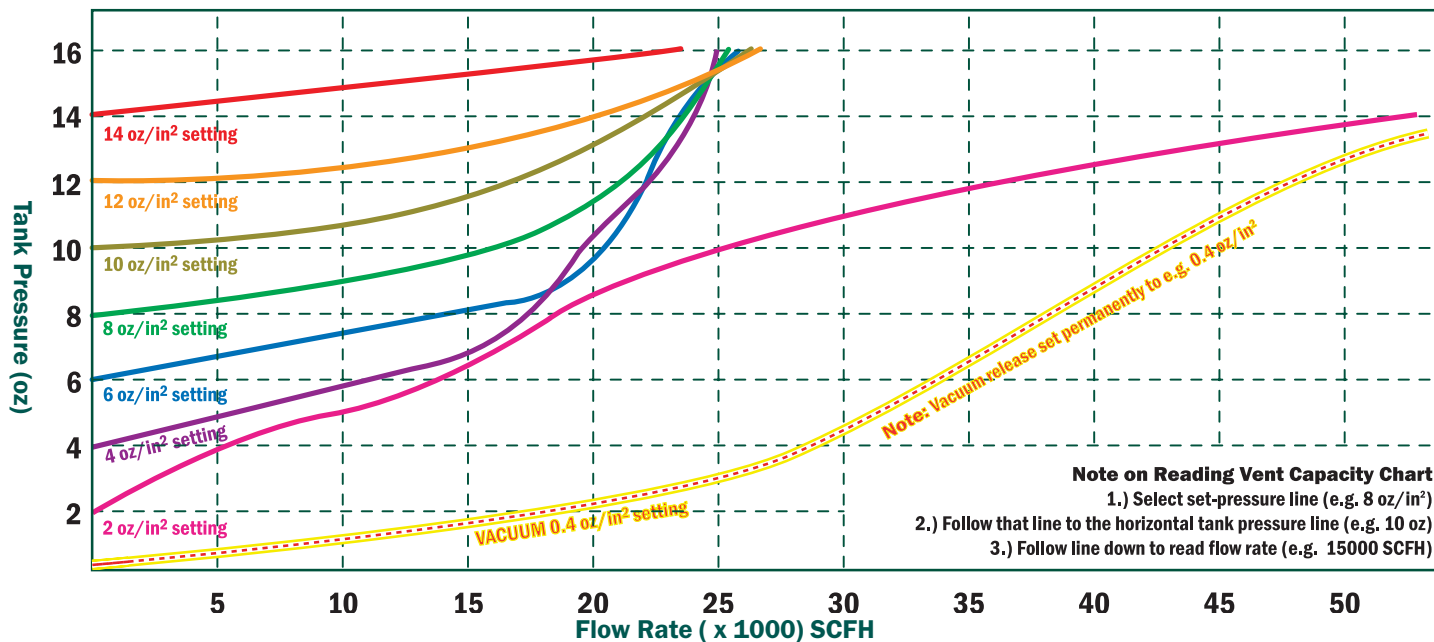
4716 76 Ave NW, Edmonton, AB Canada T6B 0A5

1-800-910-HAWK (4295)

phone: (780) 490-4295, fax: (780) 490-4290

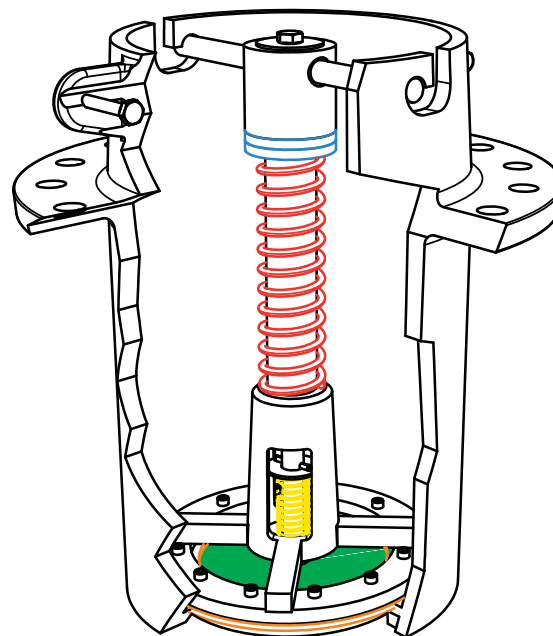
REV B0 SEPTEMBER 2009

Pressure and Vacuum Relief Flow Rates



Left: The Marshhawk Spider Cage assembly. Pressure relief adjustment is achieved by adding or removing spacer washers at the top of the pressure spring.

Right: Schematic cutaway of a Marshhawk (shown without lid). The pressure spacers are in blue, the pressure spring in red, the vacuum spring in yellow, the vacuum plate in green and the pressure & vacuum gasket in orange.



Related Products

- ▶ Hatch risers, for connecting to sloped roofs or connections other than 8 API.
- ▶ Pipe Away, for ducting away any emissions from the hatch.
- ▶ TVTH 200 & 300 are economical alternatives when the flow rate and anti-freeze characteristics of the Marshhawk are unnecessary.

Materials

Component	Standard	Optional
Pressure Gasket	FKM (Viton)	AFLAS, KALREZ
Vacuum Gasket	FKM (Viton)	AFLAS, KALREZ
Pressure Spring	Stainless Steel	Inconel
Vacuum Spring	Stainless Steel	Inconel