



4310 Series is designed to provide quick access for product gauging, temperature measurement or sampling.

Introduction

The 4310 Series is installed on tank roofs or roof flanges to provide quick access for product gauging, temperature measurement or sampling.

Operation and Features

Varec 4310 Series Hatch Covers can operate as free-opening or lock-down devices. When used as free-opening, the aluminum cover opens to relieve tank pressure at approximately 1.0 oz/in² or 1.73 inches WC [44 mm WC]. The hatch cover can be locked down by inserting a lock pin (provided as standard) in a retaining hole between the cover and base.

While in the lock-down position, the hatch maintains pressures up to 3 psig [20.7 kPa]. Unauthorized tank access can be prevented with a padlock.

Varec 4310 Series Hatch Covers are designed with a foot pedal which allows fast, hands-free tank access for sampling and gauging. The cover is self-aligning and closes automatically when the foot pedal is released.

Construction

- The 4310 Series Gauge Hatches are available in die cast 360 aluminum construction with BUNA-N inserts as standard. When specified, Viton®-A and Teflon® inserts are available in lieu of BUNA-N.
- The aluminum flange is flat face, drilled per ANSI Class 125 dimensions.
- Steel base construction is available for welding to the tank roof.
- A variety of stainless steels and exotic materials is available for tough corrosive environments and applications.



Technical data

- Non-sparking design
- Positive sealing soft seat inserts
- Corrosion resistant construction
- Locking mechanism raised above cover surface for easy access
- Large, easy to grab, pull ring
- Safety foot pedal
- Standard sizes 4" and 8" are available



Total Flow Control Solutions™