

Emergency Vent and Manhole Cover Model 94200

The Model 94200 Emergency Vent and Manhole Cover is an economical solution for emergency venting requirements.

It is designed to relieve excessive internal pressure in liquid storage tanks. Its economical price provides excellent protection against costly tank roof rupture repair. The sizes are 16", 20", 24", 30", and 36" ANSI connections and 20" and 24" API roof manhole connections.

The Model 94200 is available with low base for liquid overflow. When specified, elongated guides and special stops can be provided to limit pallet lift. The pallet guide is deep enough to assure proper reseating of pallet after pressure relieving at lower overpressures. Pallet will reseat when tank pressure drops below set pressure.

For tank venting or examination, the pallet may be removed off its base offering a clear unobstructed passage. A retaining cable is provided to fasten the pallet to the base.



Features and Benefits

- Easy installation, convenient handling
- Tank examination requires no gasket replacement or unbolting
- Manhole opening available in 16", 20", 24", 30", & 36"
- Materials include Aluminum, Steel, & 316SS
- Cleaning options are Standard or Lox Cleaning

Emergency Vent and Manhole Cover Setting Range

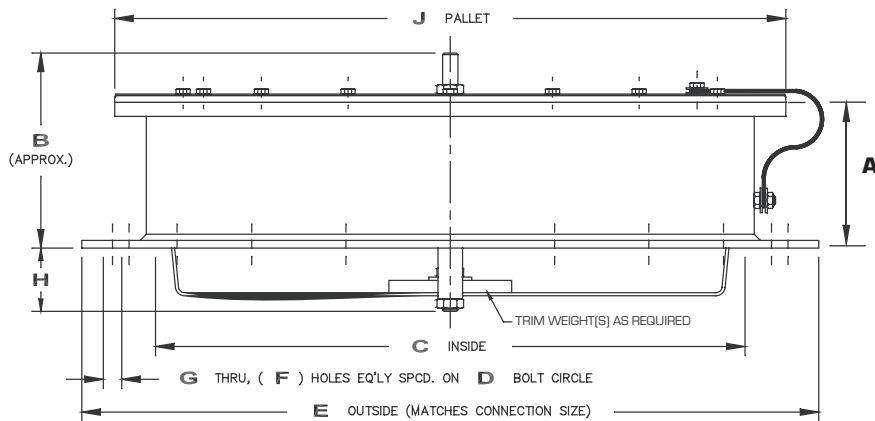
Model Numbers	Sizes Available	Connections	Pressure
Model 94200	16", 20", 24", 30" and 36"	API, ANSI	3.75 mbar to 34.5 mbar

Pressure settings depend on size and material of construction

Materials of Construction

Base	Diaphragm Seat	Pallet	Diaphragm	Back-up Disc	Clamp Ring
Steel, Aluminum 316SS	Inlaid Stainless Steel Steel & Aluminum	Aluminum Steel & 316 SS	Teflon	Reinforced fiber composition (non-asbestos)	Aluminum w/ Alu base Steel w/ Steel base

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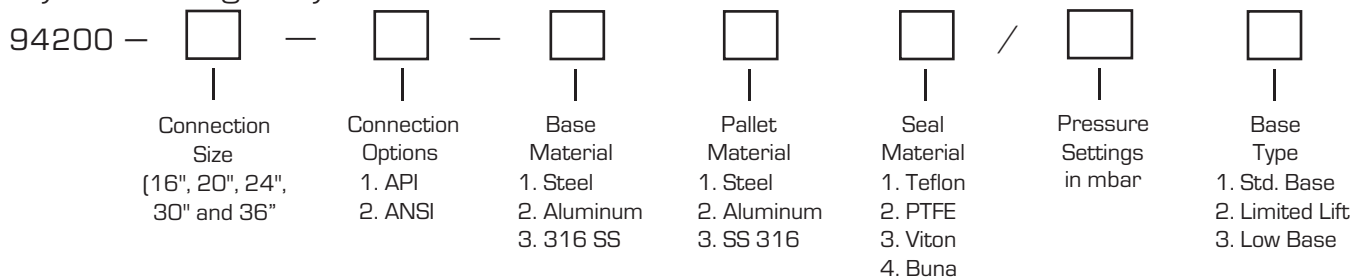
Type	A	B
High Lift	158 mm	222 mm
Limited Lift	157 mm	222 mm
Low Base	2 mm	95 mm

Certified dimensions and specifications available upon request

OUTLINE DIMENSIONS

Flange Mtg.	D	E	F	G	C	
16 X 16	540	597	406	29	16	ANSI
20 X 20	597	660	406	19	20	API 650 Roof Manhole
20 X 24	699	762	508		24	
24 X 24	699	762	508		24	
20 X 20	635	699	508	32	20	ANSI
24 X 24	749	813	508	35	24	

Key to Emergency Vent and Manhole Cover Model Number



Example:



Indicates an Emergency Vent and Manhole Cover with 36" API Flange connection, Stainless Steel Base, Steel Pallet and a PTFE Seal. The Pressure Setting is 28 mbar and has a Limited Lift Base Type.