



Vent Caps

Model 244 Emergency Vents

The emergency vent (pressure relief only) series are used on above ground storage tanks, as a code requirement, to help prevent the tank from becoming over-pressurized and possibly rupturing if ever exposed to fire. Vent must be used in conjunction with a “normal vent.” Correct application of this vent requires proper vent size and selection for the tank system in order to meet the specific venting capacity.

Conformance Including:

NFPA 30, 30a, UL 142, UL 2244, API 2000 and PEI RP200

Size	Vent Capacity (CFH)	Diameter (in)	Height (in)	Weight (lbs)
2	31,917	3.0	2.98	1
3	60,994	5.8	3.8	8
4	131,700	7.1	3.4	12
5	184,651	8.2	3.8	14
6	278,660	9.1	3.9	19
8	504,818	11	4.6	33
10	881,670	13.6	3.5	25



4" vent



6" vent



8" vent

Vent Caps

Model 354 Updraft Vent

Atmospheric updraft vents are installed on the top of storage tank vent pipes on underground and above ground fuel storage tanks.

Features:

- Directs vapors outward and upward in accordance with NFPA 30
- Protects the vent line from debris and insects
- Water-resistant rain cap sheds water away from the vent line
- Slip-on design with set screws for easy installation
- Internal drain channels water penetration out through weep hole

Construction Details:

- Aluminium die cast body and cap
- 40 mesh stainless steel screen

Certifications & Listings:

- CARB 89-12 (1 1/2" and 2" 354 models)



354

Size (slip-on)	Weight (lbs)	Venting Capacity (CFH) (@2.5PSI)
1 1/2"	0.75	27,650
2"	0.75	27,650
3"	1.50	59,000
4"	2.25	116,900

WARNING: DO NOT FILL OR UNLOAD FUEL FROM A STORAGE TANK UNLESS IT IS CERTAIN THAT THE TANK VENTS WILL OPERATE PROPERLY. Tank vents are designed only for use on shop fabricated atmospheric tanks which have been built and tested in accordance with UL 142, NFPA 30 & 30A, and API 650 and in accordance with all applicable local, state and federal laws. In normal operation, dust and debris can accumulate in vent openings and block air passages. Certain atmospheric conditions such as a sudden drop in temperature, below freezing temperatures, and freezing rain can cause moisture to enter the vent and freeze which can restrict internal movement of vent mechanisms and block air passages. All storage tank vent air passages must be completely free of restriction and all vent mechanisms must have free movement in order to insure proper operation. Any restriction of airflow can cause excessive pressure or vacuum to build up in the storage tank, which can result in structural damage to the tank, fuel spillage, property damage, fire, injury, and death. Monthly inspection, and immediate inspection during freezing conditions, by someone familiar with the proper operation of storage tank vents, is required to insure venting devices are functioning properly before filling or unloading a tank. Normal vents such as pressure vacuum and updraft vents for above ground storage tanks should be sized according to NFPA 30 (2008) 21.4.3

Subject to Change without notice

V.1 13114.DS

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