

Morrison Bros. Co.

Fig. 354 Updraft Vent

"Open" vent used on underground and aboveground tanks for petroleum storage tanks. Vent allows the tank to "breathe" during filling and dispensing operations. 1½" and 2" sizes are CARB approved.

Vents outward and upward in accordance with NFPA 30.

Note: Open vents will allow unrestricted evaporation of product.

- Body: Aluminum
- Cap: Aluminum
- Screen: 40 Mesh Brass



Figure 354

| | Weight | Venting Capacity |
|-----|----------|------------------|
| 1½" | .75 lbs | 27,650 (CFH) |
| 2" | .75 lbs | 27,650 (CFH) |
| 3" | 1.5 lbs | 59,000 (CFH) |
| 4" | 2.25 lbs | 116,900 (CFH) |

WARNING: Normal vents such as pressure vacuum and updraft vents for aboveground storage tanks should be sized according to NFPA 30 (2008) 21.4.3

WARNING: DO NOT FILL OR UNLOAD FUEL FROM A STORAGE TANK UNLESS IT IS CERTAIN THAT THE TANK VENTS WILLOPERATE PROPERLY. Morrison 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.