



## **INSTALLATION INSTRUCTIONS Vapor Pot**

Please read this manual completely prior to installation. These instructions do not supersede local laws and regulations. Always comply with local requirements.

Stage II Vapor Pots provide a step up point for vapor recovery piping runs that cannot maintain sufficient slope towards the UST, underground storage tank. Vapor sumps are available in single or double wall construction to satisfy local jurisdictional requirements. Vapor pots may be vertical or horizontal oriented. The sumps may be emptied or drained by manual pump, gravity return drain, automatic powered pump system or vacuum assisted evacuation via the submersible pump in the storage tank/s.

- 1). Locate vapor pot/sump so as to provide sufficient fall for vapor line to achieve gravity flow back to selected storage tank. It must be close enough so that a 1/8 to 1/4 inch pipe fall will terminate at the desired location relative to the tank.
- 2). Vapor pot/sump must have sufficient bury to protect against traffic loads from above. Recommended backfill material is rounded pea gravel 1/8" to 3/4" in diameter. Crushed stone, 1/8" to 3/4", and or river sand may be used if washed and it is free flowing. A 6" base of back fill material should be placed below the vapor pot/sumps before placement.
- 3). If installed under reinforced concrete surfaces of a 4" (100mm) thickness, a minimum cover of 6" of back fill is required. Asphalt, 2" (50mm) minimum thickness, requires 8" minimum cover of back fill. Unpaved surfaces require a minimum of 14" (350mm) cover of recommended back fill material.
- 4). Dry fit piping manifold and return line if used. A 8" to 12" access manhole is recommended above manifold to allow inspection and/or cleaning (see details).
- 5). Secure and test piping system. Vapor pots/sumps may be pressure tested to maintain 5psi. Use care when pressurizing vapor pot/sump as the volume is small and will quickly reach pressure limits.
- 6). Back fill as required.