



## PSB INDUSTRIES INC.

General Air Division

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## Storage Tank Vent Air Dryers: Installation Instructions

**Installation:** The smallest tank vent dryer, Model V5, may be suspended from the storage tank's own vent piping system or mounted on a post buried in the ground. All larger models are standard, with leg mountings which are placed on the ground alongside the tanks for easy access and inspection.

Each model has a fill port on the top, where desiccant is placed into the desiccant chamber. Desiccant chambers are filled to the top.

Tank Vent dryers installed outdoors should be shaded from direct sun rays for better performance.

**Operation:** As tank level falls, atmospheric air is drawn upward through desiccant chamber. Desiccant dissolves on contact with moisture. Condensate drains through bottom of chamber. It is normal for condensate to drip from air inlet on bottom of dryer.

Use Super Dry tablets for normal operating conditions. Super Bead desiccant may be used if surrounding air is contaminated. Small amounts of particulate matter to 1.5 micron and oil vapor to 3 ppm can be removed with use of Super Bead desiccant; however pressure drop may increase slightly.

**Warning:** Take necessary precautions prior to removing desiccant fill port. Dust mask and eye protection is recommended.

**Maintenance:** Add Super Bead or Super Dry Tablet Desiccant once annually. Call PSB Industries at 814-453-3651 to order desiccant.

