

# Dilution Control System

# Vented T Valve Model 421024

ASSE Standard 1055 allows for a hose connection to be installed on a faucet with an atmospheric vacuum breaker if a Bleeder T Device is used.

The Bleeder T Device prevents damage to any upstream backflow protection device which is not rated for continuous supply pressure. In addition, by encouraging the user to turn off the faucet because of the visible flow of water, the device prevents hot/cold water cross contamination

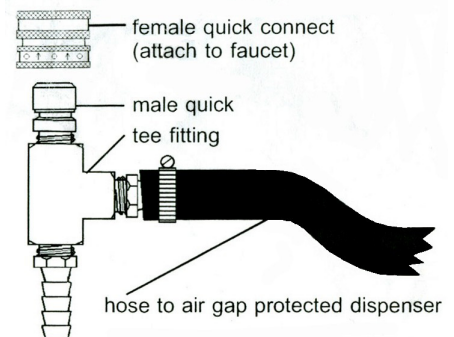
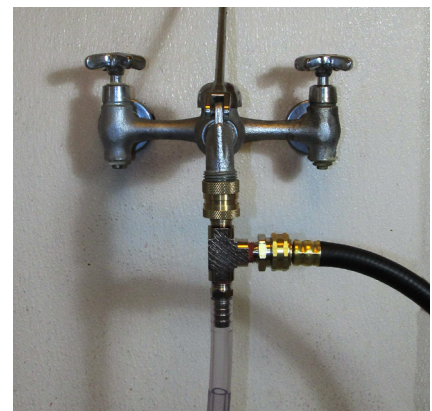
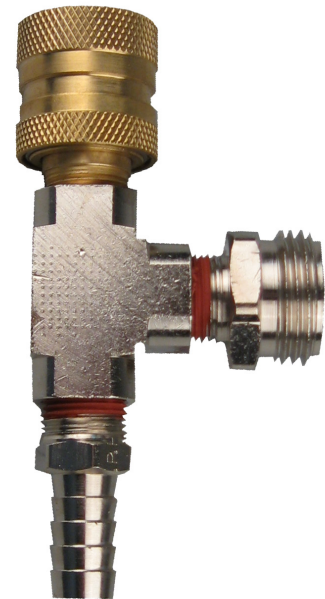
## Installation:

It is essential that this vented T dispenser be connected to water supply in accordance with local regulations. Vented T valves are designed to meet certain local plumbing regulations. Check local codes to see if it is required in your facility. In addition, Wisconsin requires the use of a vented T connection fitting permanently connected to the inlet of the hose serving products when a product is not served by a separate water supply line connection.

Utility sinks, containing deck mounted atmospheric vacuum breakers, must have the vented T valve to protect the integral device. The bottom portion of this device allows water to flow, in this model, 0.5 gal/min. This flow requires the operator to turn off the water supply after each use and for the line to bleed any stored water.

Rigid or flexible pipe can be used since such materials are ahead of the air gap protection dispenser. This device is designed to discharge small amounts of water from the vent port when connected to a built in atmospheric vacuum breaker faucet. The regular discharge of water from the orifice serves as a reminder to shut off water when dispenser use is complete. The orifice relieves pressure in the supply line to prevent the vacuum breaker in the faucet from being held under pressure.

- Visual free flow of water from faucet connection to sink.
- Pressure bleed rate of 0.33 GPM at 20 psig.
- Pressure bleeds to 0 psig in less than a minute when water is turned off.
- Protection of AVB from being left under continuous pressure.
- UPC Listing by IAPMO.
- Rugged construction for reliable, long-term use.
- The ability to supply water to two dispensers from one faucet.
- Supply one dispenser and maintain normal faucet operation.



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