**P-Series**

**Positive Pressure Waterless Trap**

**Why a Waterless Trap?**

Typically, HVAC equipment is fitted with “P” traps that require water, or another liquid, within a standpipe to prevent gas from entering or leaving the unit. As a result, the “P” traps are susceptible to freezing - expansion - bursting. At other times, the traps dry out allowing gas to escape or enter the HVAC equipment. The Air-Trap never requires addition of water to prevent unwanted air leakage.

- The Air-Trap allows water to drain from the HVAC equipment.
- Prevents air from escaping from the equipment.
- The Air-Trap operates dry when no water removal is required and wet when it is required.

**P-Series Trap Advantages**

- **P-Series Air-Trap** requires no water head to cause the trap to operate. Simply come out of the plenum condensate line and go down into the P-Series Air-Trap. Come out of the trap and go horizontally with your drain line. The height requirement then becomes the height of the trap plus two elbows.

- When removing water, the water exits the unit but no air escapes the unit.
- Reduces sludge buildup that normally accumulates in standard “P” traps.
- Prevents problem with standard “P” trap never filling with water when condensate begins to form at the beginning of the cooling season.

- Prevents freezing of trap during cold periods since there is no water in the trap.

Note: The attached drawings represent traps that operate under positive pressure. Never connect condensate drain directly to a sanitary drain line.

**For detailed information and to see our P-Series Air-Trap during operation, please visit:**

YouTube video: [https://youtu.be/mi89DUITUQI](https://youtu.be/mi89DUITUQI)
Facebook: [facebook.com/DesChampstech/](https://facebook.com/DesChampstech/)
Instagram: [des.champs](https://www.instagram.com/des.champs)

**For more information and purchase options please visit [waterless-trap.com](http://waterless-trap.com) or [deschampstechnologies.com](http://deschampstechnologies.com)**

2 Nikki Lane
Natural Bridge Station, VA 24579
Phone: 540.228.1967
info@deschampstechnologies.com

**The Air-Trap™ concept has been incorporated into IAPMO IGC 196-2018 Standard for Condensate Traps and Overflow Switches for Air-Conditioning Systems.**

**MADE IN U.S.A.**

**Available sizes:** ¾" 1" 1¼" 1½"