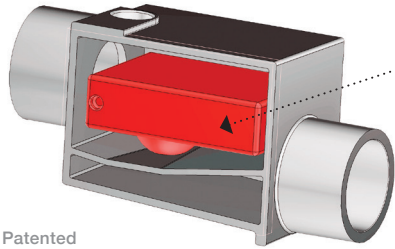


PLP-Series

Positive Pressure Low Profile Air-Trap



The Air-Trap™ allows liquid condensate to drain from HVAC equipment while simultaneously preventing air from entering or escaping the equipment.



Patented

Features

- Schedule 40 PVC with clean out port
- Requires only 2-7/8" height for positive 0-40" pressure (PLP-084) and 2" for the smaller 0 to 5" WC pressure (PLP-051)
- Uses a levered, horizontal pancake designed float-valve with a mechanical advantage about a pivot point.
- Meets general building codes. For use on HVAC equipment only. Not for use as a sanitary trap.

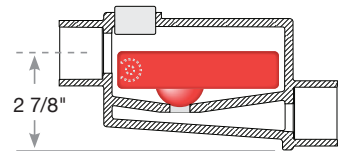
Specifications

PLP-084 1-1/2"

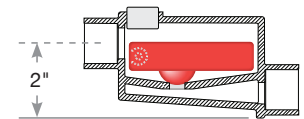
Maximum negative pressure of WC N/A
 Maximum positive pressure of WC 0-40"
 Length 7.75"

PLP-051 3/4"

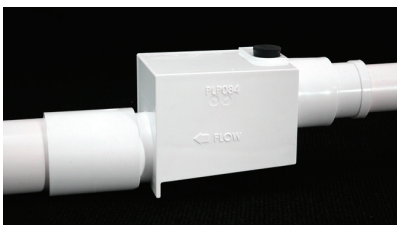
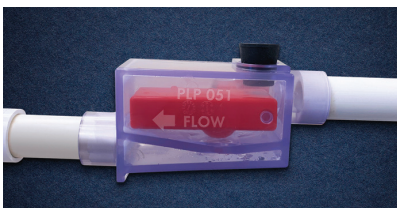
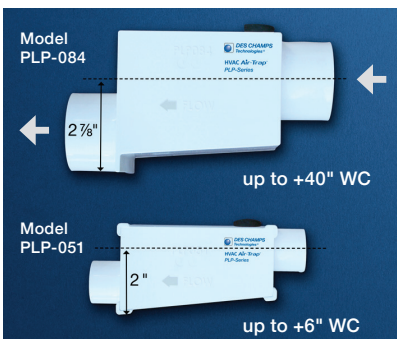
Maximum negative pressure of WC N/A
 Maximum positive pressure of WC 0-6"
 Length 5.6"



PLP-084 1-1/2"



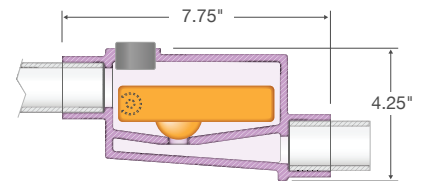
PLP-051 3/4"



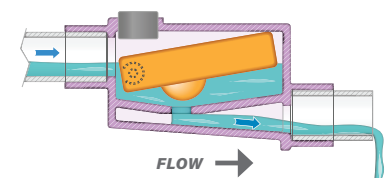
PLP shown installed with a larger and smaller pipe using a connector and bushing respectively.

PLP-Series Operation

The PLP operates dry when no condensate is being produced and uses a levered, horizontal pancake designed float-valve with a mechanical advantage about a pivot point. This allows the PLP to require less than 2-7/8" inches of height for up to 40 inches WC pressure (PLP-084) instead of the 8 to 60 inches required for a standard P-Trap. 2" for the smaller 0 to 6 inches WC pressure (PLP-051)



PLP-084 1-1/2" shown



FLOW →

Maximum Pressures, Connection Sizes & Lengths (inches)

Model PLP	Maximum Positive Pressure of WC	Available Connection Sizes		Length
PLP-084	0-40	1-1/2	2 (with connector)	7-3/4
PLP-051	0-6	3/4	1 (with connector)	5-1/2

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

To see the PLP Air-Trap during operation, please scan the QR code or visit:
 YouTube video: <https://youtu.be/NzaYRwfon4A>
 Facebook: facebook.com/DesChampstech/
 Instagram: @trapqueen_deschamps



waterless-trap.com



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

ICC-ES Evaluated

