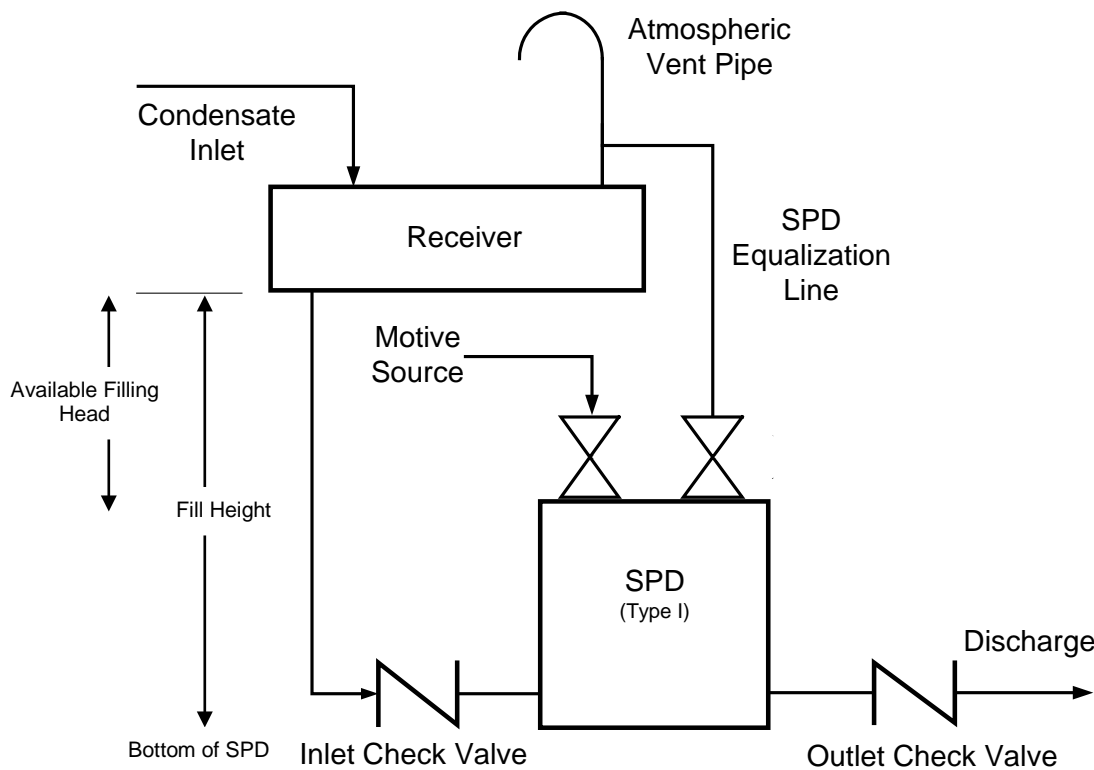


Fill Height and Available Filling Head:
Definitions and Measurement

Fill Height is defined as the distance from the bottom of the receiver/reservoir to the bottom of an SPD. Available Filling Head is defined as the distance from the bottom of the receiver/reservoir to the top of the SPD. Normally these distances are measured in inches.

Fill Height is used to determine the Available Filling Head for a specific SPD model. The pumping capacity of an SPD will change as the Fill Height and Available Filling Head change. Increasing or decreasing the Fill Height will increase or decrease the capacity of the SPD, though there is a limit to the additional increase in capacity that is provided by increased Available Filling Head.

For additional information about Secondary Pressure Drainers, consult FCI Tech Sheet #SPD 201, *What is a Secondary Pressure Drainer?* additional tech sheets, as well as standards such as FCI 18-1, *Standard for Sizing & Selection of Type 1 Secondary Pressure Drainers* and FCI 18-2, *Standard for Installation of Type 1 Secondary Pressure Drainers*.



Fill Height and Available Filling Head
Type I SPD

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This Tech Sheet was developed by the members of the Fluid Controls Institute (FCI) Secondary Pressure Drainer Section. FCI is a trade association comprising the leading manufacturers of fluid control and conditioning equipment. FCI Tech Sheets are information tools and should not be used as substitutes for instructions from individual manufacturers. Always consult with individual manufacturers for specific instructions regarding their equipment.