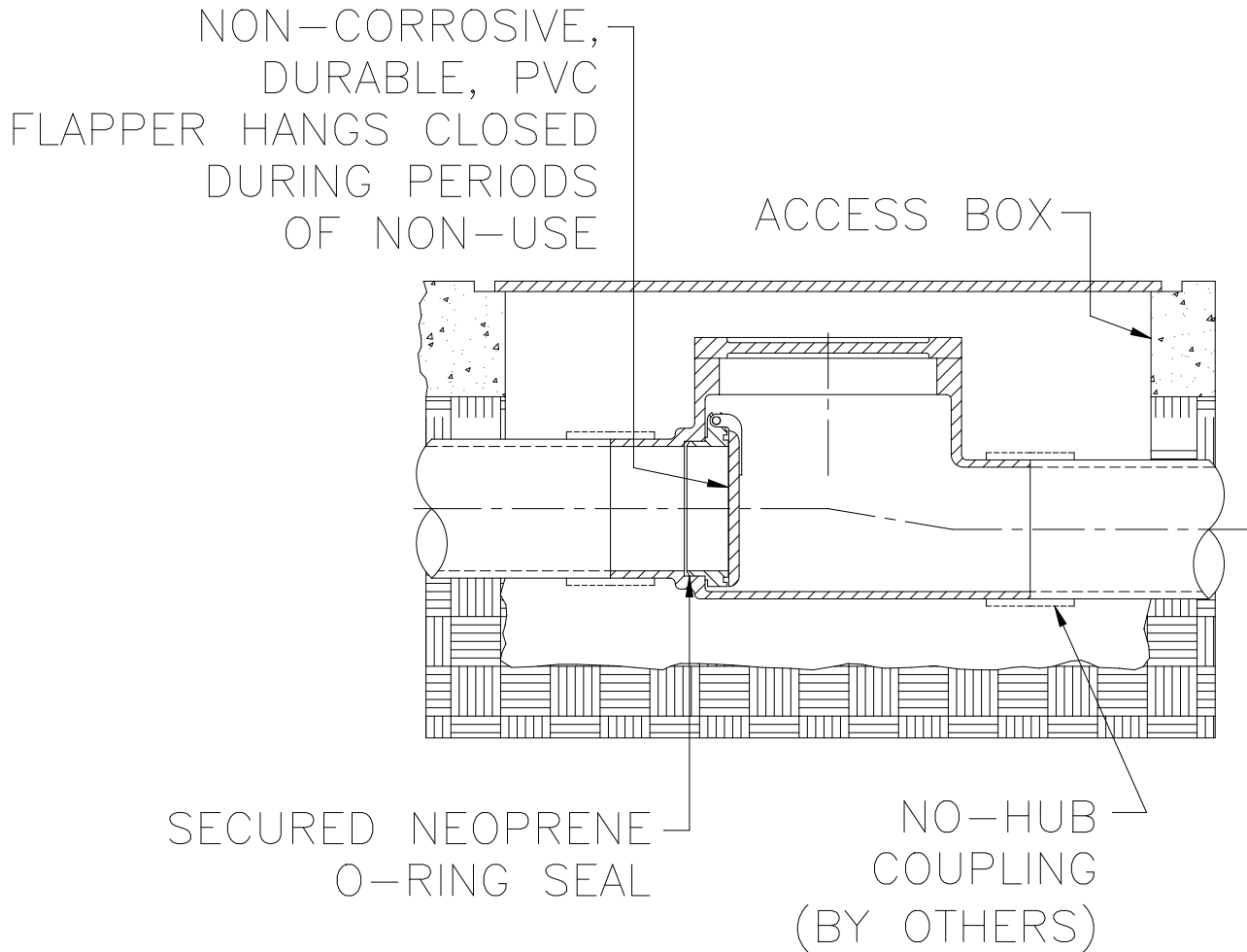




**TYPICAL INSTALLATION**  
**Z1090**  
**FLAPPER TYPE BACKWATER VALVE**

Dimensional Data (inches and [ mm ]) are Subject to Manufacturing Tolerances and Change Without Notice



**Z-1090**  
**FLAPPER TYPE BACKWATER VALVE**

Designed for applications where excessive rainfall, stoppages, tide water, and inadequate drainage conditions cause backflow and flooding. Backwater valves are designed to restrict backflow surges and provide a degree of protection from health hazards associated with backflow and flooding. Zurn backwater valves should be checked periodically for proper operation and will only restrict backflow when free of debris and in good working condition. Fowling by sludge and debris may obstruct the backwater device. Zurn backwater valves are designed for gravity flow applications and comply with ANSI Specification A112.14.1.

3 [76] 4 [102] flapper type backwater valves utilize a PVC flapper valve that hangs closed. O-ring on seat provides a positive seal. All other sizes of flapper type backwater valves utilize a conventional brass flapper seal arrangement that hangs 1/4 [6] open. Z1090 has a gasketed bolted cover for easy access and uses an offset body design to ensure pitch to drain line.

- ⚠ **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)
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