

SUBMITTAL SHEET

| | |
|-------------------|-------------|
| JOB NAME | ITEM TAG |
| JOB LOCATION | PART NUMBER |
| CONTRACTOR | DATE |
| ENGINEER APPROVAL | DATE |

PVC BACKWATER VALVE

S-640 & S-641

The stepped body design places the inlet socket-end higher than the outlet, promoting the correct drop-per-foot and improving flow efficiency.

Heavy-duty Acme-threaded access lid can be removed using the end of a dimensional 2" x 4" board of correct length, to ease clean-out or repair.[†]

Lid and flapper are equipped with an O-ring or gasket seal, assuring a positive seal-out of sewer gasses.

Designed for horizontally-installed, low-or-no pressure gravity-flow DWV systems only. Not suitable for upward-flow vertical installations or pressurized systems.

Model S-640 is available in nominal pipe sizes 1-1/2" to 6", solvent-weld.

Model S-641 includes a 16" access sleeve with cap and is available in nominal pipe sizes 2", 3" and 4".

Note: a piece of 10" SDR 35 pipe cut to desired length, can be used as an access sleeve on the 6" S-640.

[†]Nominal sizes 3", 4" & 6" only.

Working Pressure, Non Shock (PSI)

4.3 psi (10 ft. of head) operating pressure

25 psi max test pressure

| MATERIAL SPECIFICATION | | |
|------------------------|--------------------|-----------------|
| PART | | MATERIAL |
| 1 | Body | PVC |
| 2 | Flapper | PVC |
| 3 | Flapper seal | Neoprene rubber |
| 4 | Lid | PVC |
| 5 | Lid O-ring | Neoprene rubber |
| 6 | Access sleeve* | PVC |
| 7 | Access sleeve cap* | PVC |

| DIMENSIONS - Inch | | | | |
|-------------------|-------|-------|-------|-------|
| Size | A | B | C | D* |
| 1-1/2" | 4.18 | 4.38 | 4.22 | - |
| 2" | 4.54 | 4.38 | 4.22 | 20.00 |
| 3" | 7.47 | 5.85 | 5.18 | 20.85 |
| ** 4" | 9.88 | 7.00 | 7.00 | 21.60 |
| 6" | 15.18 | 10.00 | 10.00 | - |

*Model S-641 only. **Model S-640A.

Certifications/Listings:

International Plumbing Code (IPC).
 Uniform Plumbing Code (UPC).

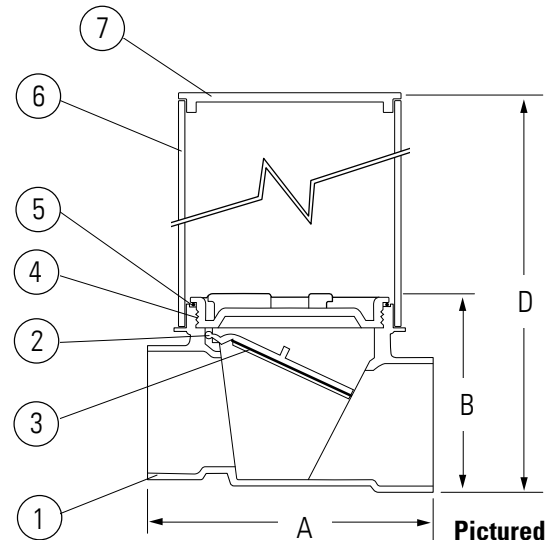
Standards:

ASTM D2665: PVC Plastic Drain, Waste, and Vent Pipe and Fittings.
 ASME A112.14.1: Backwater Valves

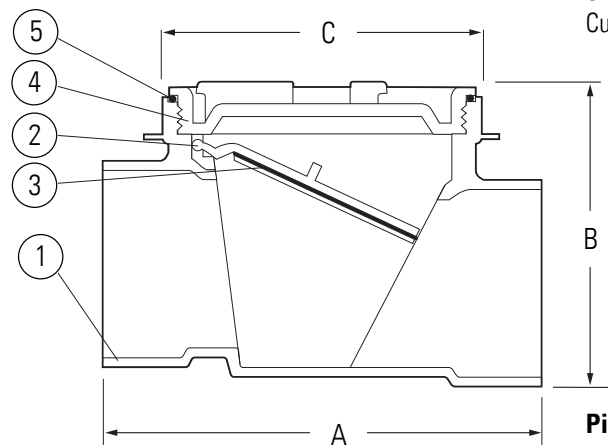


Pictured:
S-640

Pictured:
S-641



Pictured:
S-641
Cut-away



Pictured:
S-640
Cut-away