

## SUBMITTAL SHEET

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

### ABS BACKWATER VALVE

#### S-660 & S-661

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-660 is available in nominal pipe sizes 3" & 4".

Model S-661 includes a 16" access sleeve with cap and is available in nominal pipe sizes 3" & 4".

#### Working Pressure, Non Shock (PSI)

4.3 psi (10 ft. of head) operating pressure  
25 psi max test pressure



**Pictured:**  
S-660

**Pictured:**  
S-661

#### MATERIAL SPECIFICATION

PART	MATERIAL	SPECIFICATION
1 Body	ABS	ASTM D3965
2 Flapper	ABS	ASTM D3965
3 Flapper seal	Neoprene rubber	Commercial grade
4 Lid	ABS	ASTM D3965
5 Lid O-ring	Neoprene rubber	Commercial grade
6 Access sleeve*	ABS	ASTM D3965
7 Access sleeve cap*	ABS	ASTM D3965

#### DIMENSIONS - Inch

Size	A	B	C	D*
3"	7.47	5.85	5.18	20.85
4"	9.88	7.00	7.00	21.60

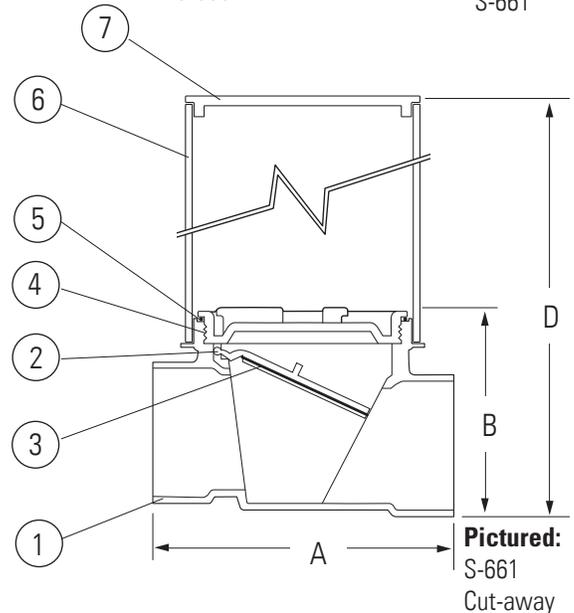
\*Model S-661 only.

#### Certifications/Listings:

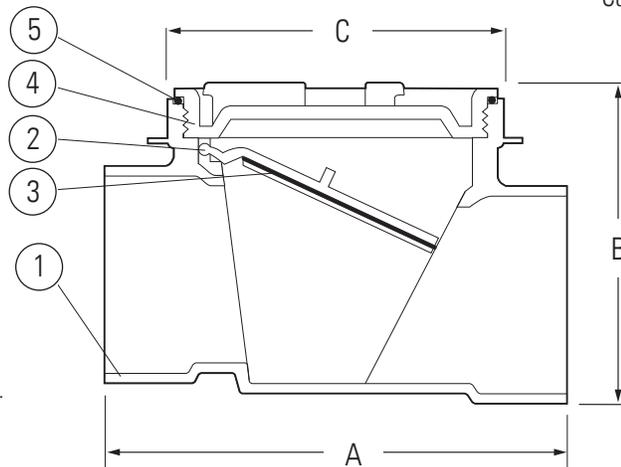
International Plumbing Code (IPC).  
Uniform Plumbing Code (UPC).

#### Standards:

ASTM D2661: ABS plastic drain, waste and vent pipe and fittings.  
ASME A112.14.1: Backwater Valves



**Pictured:**  
S-661  
Cut-away



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S-660  
Cut-away