

BACKWATER VALVE

869 series

SPECIFICATION

Sioux Chief 869 Series backwater valve shall be installed where necessary in drainage systems. Backwater valve shall be installed on horizontal drainage lines for the purposes backflow prevention. Backwater valve shall have a stepped design to provide adequate fall to encourage flow. Flapper shall have neoprene o-ring seal, and allow unrestricted unidirectional flow while reducing the "straining" of effluent.

MATERIALS

valve body: PVC, ABS
 valve lid: PVC, ABS
 flapper: PVC
 extension sleeve: PVC, SDR 35
 extension sleeve lid: PVC, ABS
 o-rings: neoprene

CONNECTION TYPE

Sch. 40 hub, solvent weld.

BACKFLOW PRESSURE

Sustains backflow pressure up to 5 PSI.

DIMENSIONS

A: inflow side

2" connection	27 ¹ / ₁₆ "
3" connection	3 ⁷ / ₈ "
4" connection	5 ³ / ₈ "
6" connection	7 ¹¹ / ₁₆ "

B: outflow side

2" connection	21 ¹ / ₁₆ "
3" connection	3 ¹ / ₂ "
4" connection	5 ³ / ₈ "
6" connection	7 ⁷ / ₁₆ "

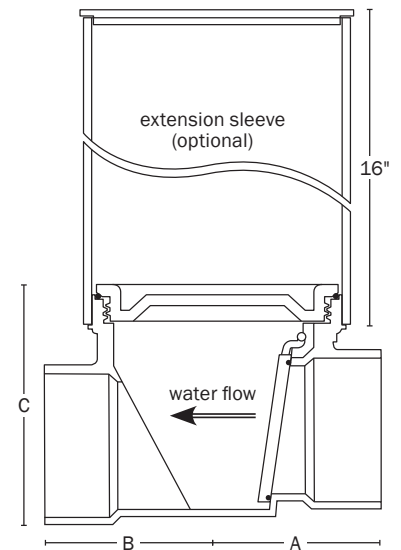
C: overall height

2" connection	3 ⁷ / ₈ "
3" connection	6"
4" connection	6 ³ / ₄ "
6" connection	10 ¹ / ₈ "

Item # Submitted	_____
Job Name	_____
Location	_____
Engineer	_____
Contractor	_____
PO#	_____ TAG _____



869-4P



16"

C

water flow

B

A



Create Item Number

869-ABC

e.g. 869-3PS = 3" PVC backwater valve with 16" extension sleeve and lid

A DWV HUB SIZE

- ☐ 2 2" Sch. 40
☐ 3 3" Sch. 40
☐ 4 4" Sch. 40
☐ 6 6" Sch. 40

B MATERIAL

- ☐ A ABS
☐ P PVC

C OPTIONS

- ☐ S 16" extension sleeve with lid¹

¹ Not available on 6" backwater valves