

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

B: outflow side

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

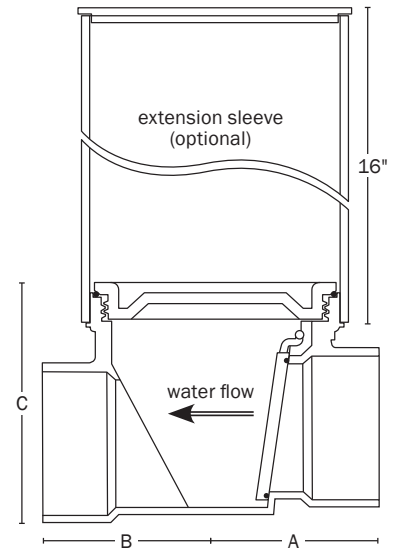
C: overall height

| | |
|---------------|----------------------------------|
| 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



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