# DWV BACKWATER VALVE WITH DEEP-BURY ADAPTER KIT

## >> 869 SERIES

### SPECIFICATION

Sioux Chief 869 series ProCheck backwater valves shall be used where necessary in drainage systems. Backwater valve shall be installed in horizontal drainage lines to reduce or prevent damage to dwelling from sewage backup. Backwater valve shall have a stepped design to provide adequate fall through the valve body and encourage flow. Flapper shall install into valve body via removable carrier, which utilizes key-to-slot fit to ensure proper alignment. Flapper shall have a permanent, one-piece sealing surface, and allow unrestricted, unidirectional flow. Backwater valve shall be adaptable to deep-bury installations utilizing upper and lower adapter fittings, which conform to ASTM D2665 (PVC) or D2661 (ABS). Valve assembly shall be sealed by an impact/solvent resistant lid with o-ring. Designed in accordance with ASME A112.14.1-2003

## MATERIALS

Valve Body: ABS or PVC Sealing Lid: Polypropylene with EPDM o-ring Flapper Carrier: ABS Flapper: Elastomer-overmolded polypropylene Deep-Bury Adapter Fittings: ABS or PVC Extension Sleeve: 6" Sch. 40 ABS or PVC pipe<sup>1</sup> Carrier Handle: 1-1/2" Sch. 40 ABS or PVC pipe<sup>1</sup>

## **BACKFLOW PRESSURE**

Withstands backflow up to 10 PSI<sup>2</sup>

#### DIMENSIONS

	Connection	3" Sch. 40 hub	4" Sch. 40 hub
<b>A:</b>	Overall height (in)	8-3/8"	9-1/2"
B:	Overall height (out)	8-1/16"	9-3/16"
<b>C</b> :	Overall width	8-1/2"	10-1/8"
D:	Vertical offset	5/16"	
E:	Deep-Access sleeve & carrier handle	Cut-to-length	
F:	Upper fitting height	4-1/4"	
G:	Sealing lid diameter	7-1/2"	

1 Supplied by others

2 Regular inspection of the flapper and sealing surfaces and general maintenance are required to ensure proper function of all backwater valves.

ITEM # SUBMITTED
JOB NAME
LOCATION
ENGINEER
CONTRACTOR
PO# TAG





#### **Item Numbers**

#### PROCHECK BACKWATER VALVE

**869-S3A** = 3" ABS Connection **869-S3P** = 3" PVC Connection **869-S4A** = 4" ABS Connection **869-S4P** = 4" PVC Connection

#### DEEP-BURY ADAPTER KIT

**869-S4ADB** = ABS fittings (upper & lower fittings included) **869-S4PDB** = PVC fittings (upper & lower fittings included)



**ProCheck**<sup>™</sup>

