

MAINLINE

Provides easy access to
your backwater valve
without installing costly
concrete vaults



Smart-Curve™
guide protects
valve body
during snaking



Profile Smart-Curve™
flapper deflects gate away
when feeding or retracting
cleaning cables



Extension
adapter for easy
flapper access

Hub accepts
standard
Schedule 40
DWV Pipe

Double-Hinged
Flapper

3" 4" & 6" DWV
models available
(SDR Adapters available)

Available in
ABS and PVC

- Straight-Fit™ minimal drop allows valve to be installed in any system, new or retrofit
- Double-hinged flapper design stays aligned and reduces flow restrictions
- Valve extended using standard Schedule 40 Pipe
- Smart-Curve™ technology reduces risk of damage when snaking lines
- Gasketed flapper design



Optional gate for
pressure testing or
isolation of system



S.V.F. Sales Co., Ltd.
Manufacturers Representatives

David Fesz

4901 Brookpark Rd.
Cleveland, OH 44134
216-741-7000 P
216-741-7003 F
dave@svfsales.com / www.svfsales.com



Plumbing code requires that Backwater Valves are accessible for maintenance and servicing in most jurisdictions. The traditional method for in-ground installations is costly and time-consuming, requiring a large concrete pit and access lid to be built. The Mainline Straight-Fit™ simplifies in-ground installations with an innovative removable extended flapper system, allowing for easy ground level access at any depth.

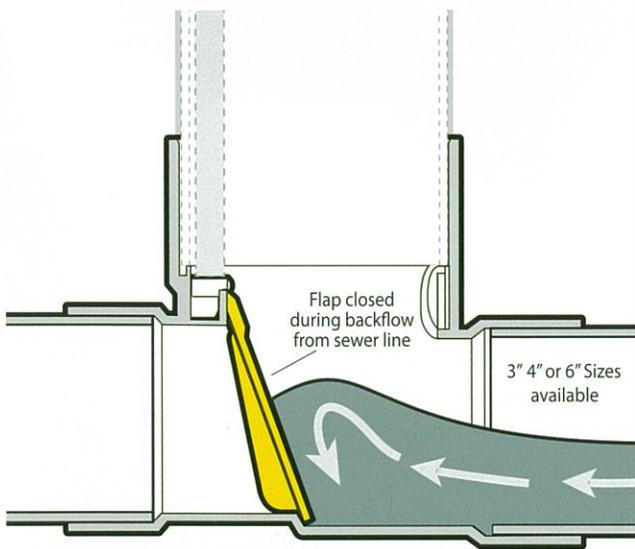
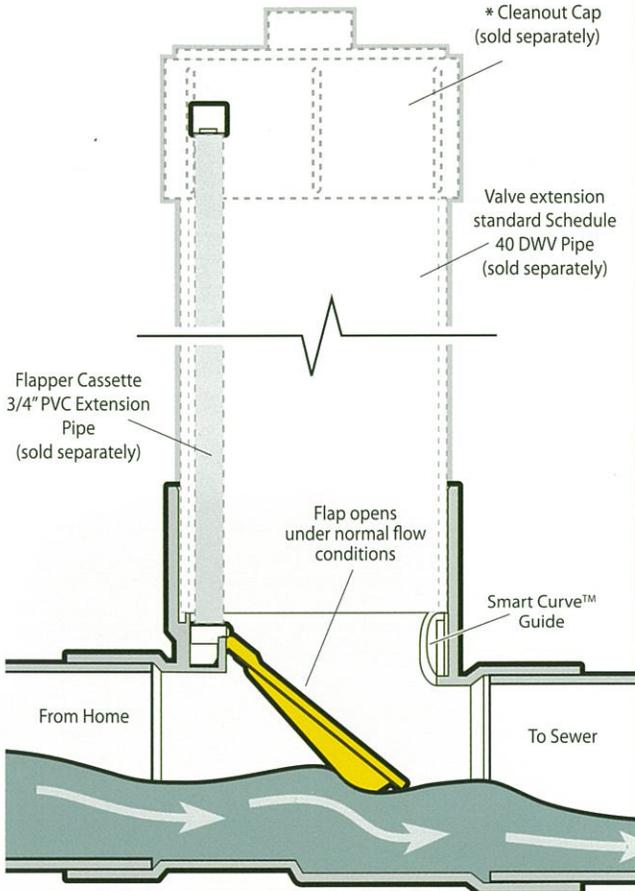
The Straight-Fit™ Backwater Valve features a patent pending flapper, designed to smoothly guide cleaning and surveying equipment through the BWV, also allowing for safe withdrawal of the same, minimizing risk of damage to the flapper. The addition of a Smart-Curve™ snake guide also prevents damage to the valve body enabling snaking from the main access.

The Straight-Fit™ Valve body design has minimal slope, making it ideal for new installations and retrofits.

MAINLINE
BACKFLOW PRODUCTS

www.backwatervalve.com Toll-free 1-877-734-8691

TYPICAL INSTALLATIONS

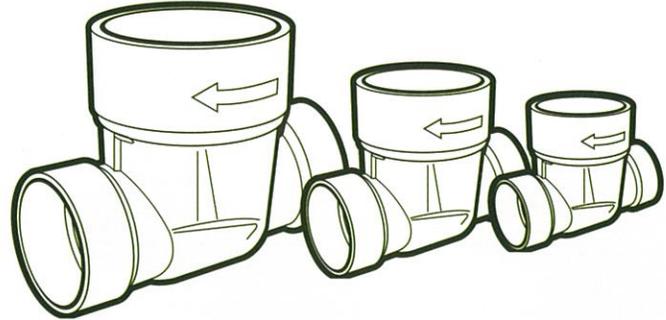


Minimal drop allows Straight Fit™ to be installed in "New" and "Retrofit Systems"

S.V.F. Sales Co., Ltd.
Manufacturers Representatives

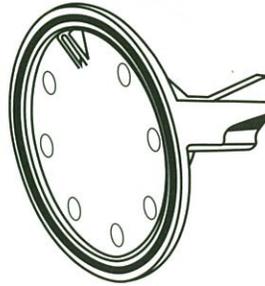
David Fesz

4901 Brookpark Rd.
Cleveland, OH 44134
216-741-7000 P
216-741-7003 F
dave@svfsales.com / www.svfsales.com



STRAIGHT-FIT- Extensible Backwater Valve

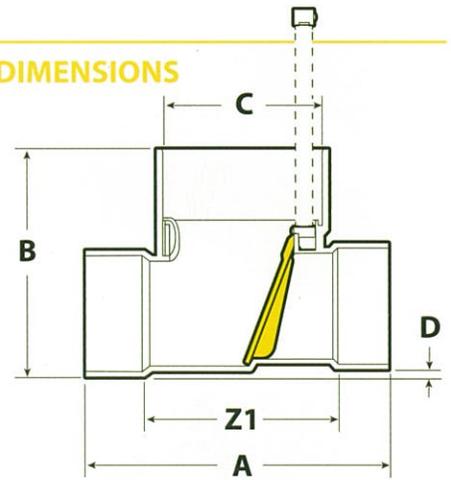
Part #	Material	Size
ML-SF334A	ABS	3"
ML-SF334P	PVC	3"
ML-SF446A	ABS	4"
ML-SF446P	PVC	4"
ML-SF668A	ABS	6"
ML-SF668P	PVC	6"



Optional Straight-Fit-Test/Shut-Off Gate

Part #	Size
ML-SF3TG	3"
ML-SF4TG	4"
ML-SF6TG	6"

DIMENSIONS



A	B	C	D	Z1
3" Size Models				
9	6-3/8"	4" DWV	1/4"	5"
4" Size Models				
11-1/2"	9-1/2"	6" DWV	1/4"	7-3/4"
6" Size Models				
16-1/2"	13"	8" DWV	1/2"	10-1/4"

* Contact us for SDR Adapters, Sewer Caps and Cleanout Accessories

MAINLINE
BACKFLOW PRODUCTS INC

www.backwatervalve.com

Toll-free 1-877-734-8691



Stop Sewage Backups

A simple but revolutionary extendable backwater valve that eliminates the need for expensive and unsightly manholes regardless of the burial depth.



- Complies with the requirements of IAPMO/UPC, ICC, IPC & CSA Standards
- Easy to perform maintenance & inspection from ground level
- Capable of handling back pressure up to 75 psi



NO costly manhole.

NO more indoor backwater valves which could be hidden by cabinets, stairwells or floor coverings.

NO more sewer gas or mess inside a building during maintenance inspection.

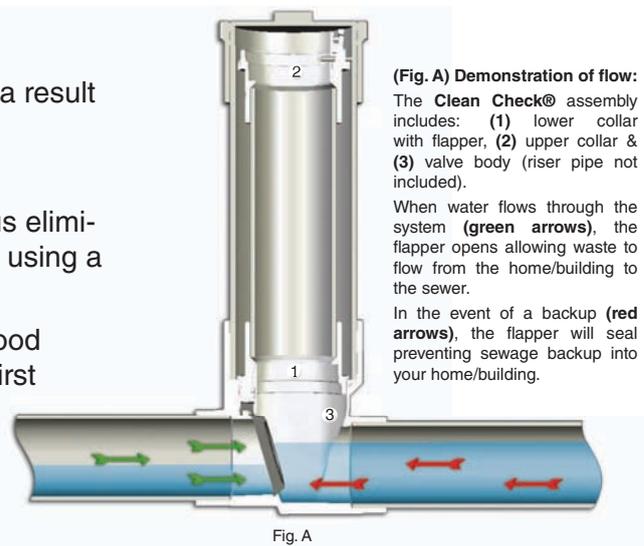


Scan to view video demo

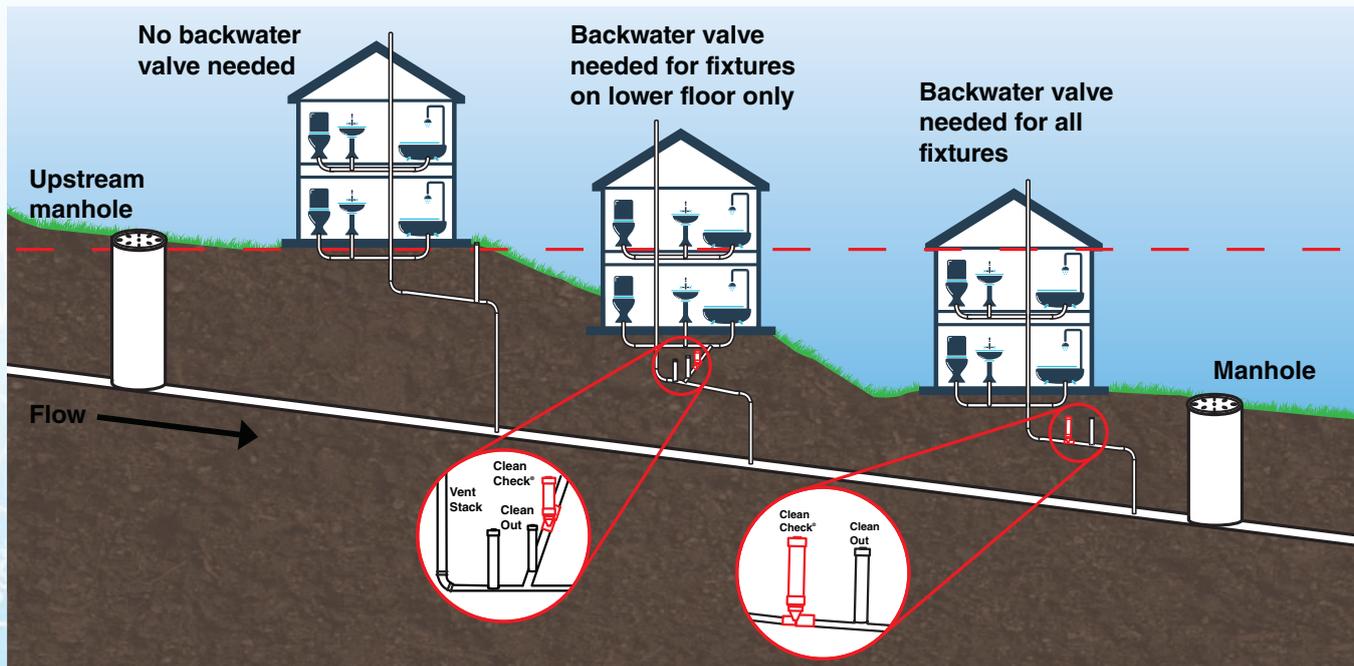


Features & Benefits

- Prevents sewage backup into a residence or building as a result of a plugged sewer system.
- Valve flapper seals the system, blocking reverse flow.
- The unique design allows accessibility to the flapper, thus eliminating the need for vaults or manholes, it is direct buried using a riser pipe and standard clean-out plug.
- Backwater valves are building code required when the flood level rim of the lowest fixture in a structure is below the first upstream manhole cover. They must be accessible for inspection and service.



Installation Diagram



Ordering Information

Code	Description	Qty.
96903	3" ABS	6
96904	4" ABS	6
96913	3" ABS w/adaptor & plug	4
96914	4" ABS w/adaptor & plug	4
96923	3" PVC	6
96924	4" PVC	6
96926	6" PVC	3
96933	3" PVC w/adaptor & plug	4
96934	4" PVC w/adaptor & plug	4

Kit available in both ABS & PVC;
all replacement parts including
the flapper are individually available.

