

**7140 Series**  
 DRAWN BY: EMB  
 CHECKED BY: JM  
 APPROVED BY: SJM  
 DATE: 8-1-97  
 SCALE: NONE  
 SIZE: A  
 DRAWING NUMBER: S7140 Series  
 S

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE  
 WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

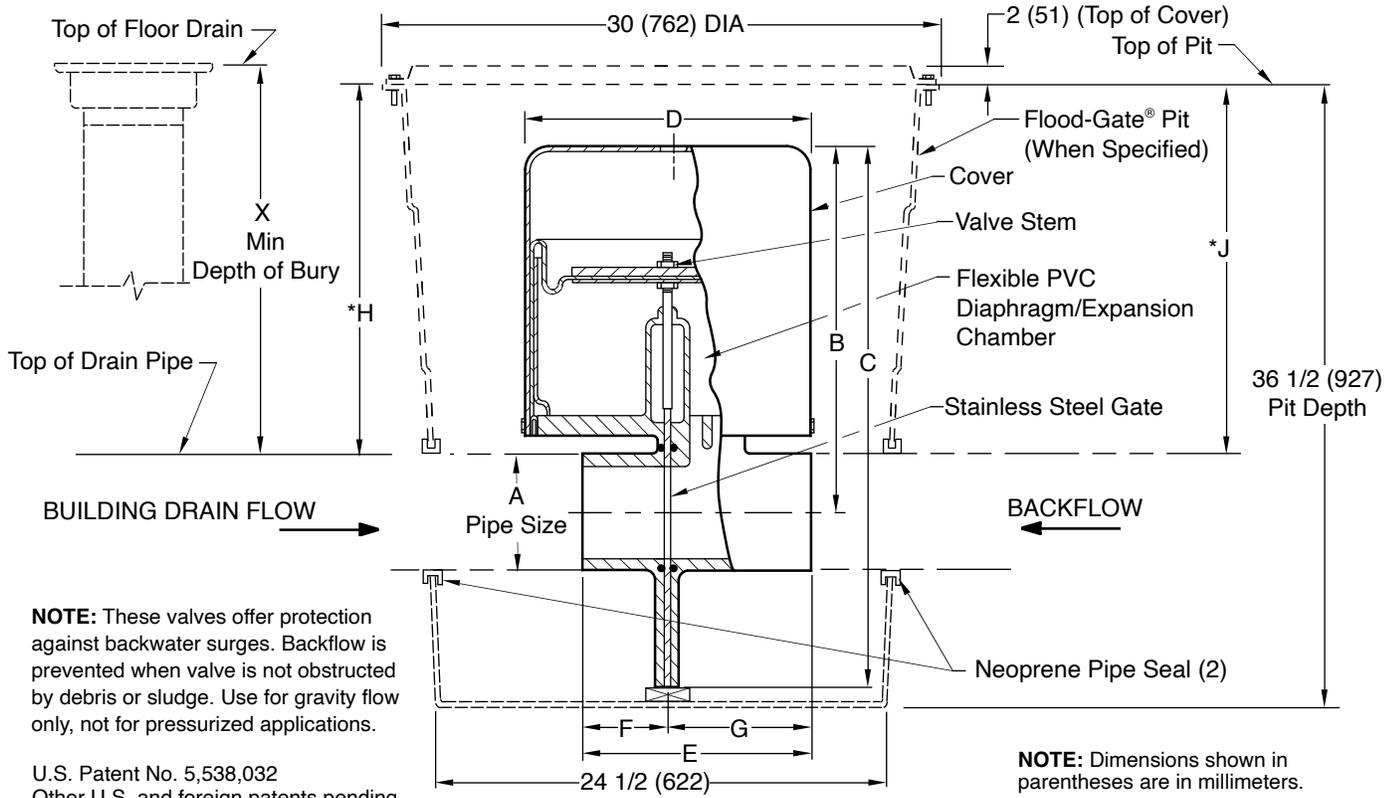
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**LOCATION**  
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# FLOOD-GATE® BACKWATER VALVE

## IN-LINE AUTOMATIC BACKWATER VALVE



U.S. Patent No. 5,538,032  
 Other U.S. and foreign patents pending

A DIA NO-HUB (-Y) IN/OUT SIZE	B CENTERLINE TO TOP	C OVERALL HEIGHT	D DIA WIDTH	E LENGTH	F INLET LENGTH	G OUTLET LENGTH	*H	*J	X MIN BURY DEPTH	BASE WIDTH
04 (100)	15 (380)	22 15/16 (583)	13 1/4 (335)	6 5/8 (168)	2 3/8 (60)	4 1/4 (110)	26 (660)	26 1/2(675)	9 (230)	7 1/2 (190)
06 (150)	20 3/8 (518)	31 1/4 (795)	13 1/4 (335)	8 3/16 (208)	3 3/16 (85)	5 (125)	22 (560)	22 1/2(570)	14 (355)	9 1/2 (240)

\*Dimension can be decreased by up to 10 (254) for the 4 (100) size and 3 (76) for the 6 (150) size by cutting the pit and telescoping the 2 sections to meet required depth. See instructions supplied with pit.  
 See Operation & Maintenance Manual for required maintenance.

**REGULARLY FURNISHED:**  
 Duco Coated Cast Iron Body Complete with Stainless Steel Gate and Flexible PVC Diaphragm/Expansion Chamber.

- VARIATIONS:**  
 Flood-Gate® Alarm (-FGA, Alarm Control Box, Sensor and 35' Connecting Wire)  
 Flood-Gate® Pits (**FOR NON TRAFFIC AREAS ONLY!**)  
 (-FGP, Poly Pit, Secured, Gasketed Poly Lid and Hardware)  
 (-FGS, Poly Pit, Secured, Gasketed Steel Cover and Hardware)  
 (-FGSL, Steel Cover only)

Conforms to ASME A112.14.1 & CSA B70-12  
 IAPMO Listed, File No. 2696



REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
	7-20-23	Removed Function	HS	CL			<b>7140 Series</b>
	4-12-16	Revised ASME No., Added UPC	TBW	CL			
	9-20-12	Revised Table	TBW	CL			
	06/04/10	Added Maintenance Note	JJ	CL			