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

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA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

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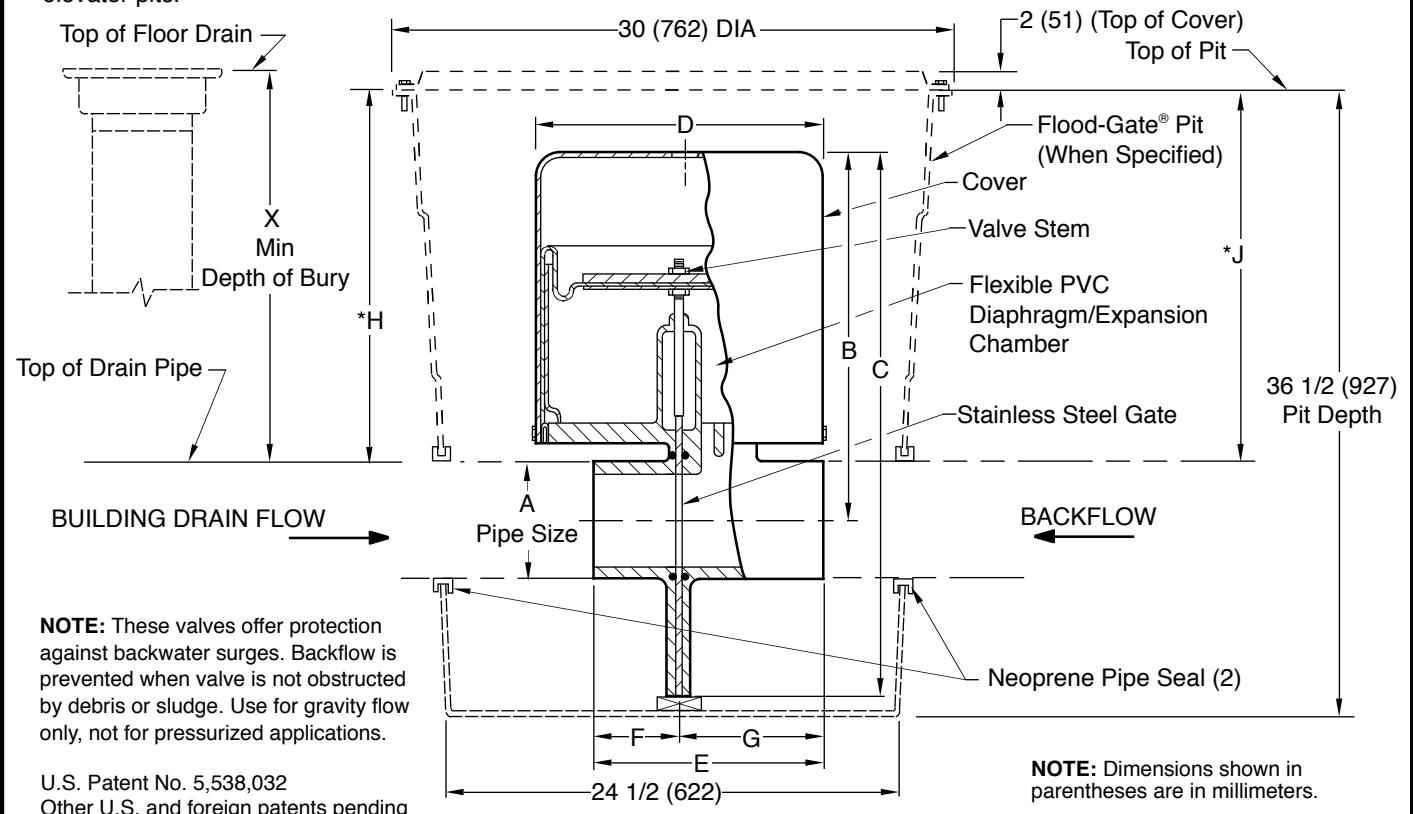


LOCATION

FLOOD-GATE® BACKWATER VALVE

IN-LINE AUTOMATIC BACKWATER VALVE

FUNCTION: Functions as a drainage control valve providing "closure" protection during emergency storm conditions or when building is completely shut down. The FLOOD-GATE® does not have to be activated as no electronics are required for valve operation. The valve is completely automatic both closing and resetting. Once closed it prevents any leakage beyond the gate. Applications include all commercial, institutional, residential and industrial installations including basements and elevator pits.



NOTE: These valves offer protection against backwater surges. Backflow is prevented when valve is not obstructed by debris or sludge. Use for gravity flow only, not for pressurized applications.

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
	4-12-16	Revised ASME No., Added UPC	TBW	CL			7140 Series
	9-20-12	Revised Table	TBW	CL			
	06/04/10	Added Maintenance Note	JJ	CL			
	09/23/09	15 (380) was 15 15/16 (405)	JJ	CL			