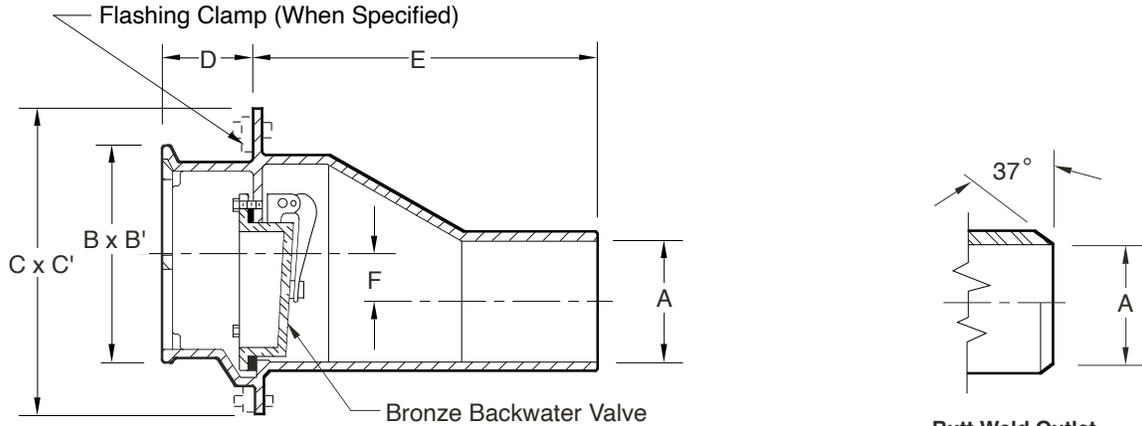


# PIT DRAINS WITH BACKWATER VALVE STAINLESS STEEL - CARBON STEEL



**Butt Weld Outlet**  
 Schedule 40 Regularly Furnished

Fig. 9790S . . . SPIGOT OUTLET

A SIZE	B x B'	C x C'	D	E	F	Free Area
03(75),04(100)	6 3/4(170) x 9 1/2(240)	10 1/4(260) x 12(305)	3(76)	11 1/4(285)	2 3/4(70)	15.07 SQ IN (97) SQ CM
05(125),06(150)	7 3/4(195) x 11(280)	9 3/4(250) x 13(330)	4(100)	13 1/4(335)	1 1/4(32)	24.57 SQ IN (159) SQ CM
08(200)	12 1/2(320) x 14 1/2(370)	17 1/4(440) x 19(485)	4(100)	22(560)	3 1/2(89)	56.14 SQ IN (362) SQ CM

**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.

**NOTE:** Backwater Valve flapper set at factory to hang in closed position. Pin can be moved to permit flapper to hang open 1/4" (6) to permit air circulation.

**NOTE:** Dimensions shown in parentheses are in millimeters.

**Design Pressures and Temperatures**

1. With proper outlet connection, shall be watertight up to 10 ft. of water column (4.34 psig).
2. When exposed to effluent appropriate for drain material, the drain shall withstand effluent temperatures of 180 degrees F at ambient pressure.

**REGULARLY FURNISHED:**

CF8 (Equivalent to Type 304) Rough Finish Stainless Steel Body with Secured Grate and Bronze Backwater Valve.

**VARIATIONS:**

- Flashing Clamp -C
- Stainless Steel Backwater Valve -BWV
- Vandal Proof Grate -U
- BW Butt Weld Outlet (Specify Schedule -S05, -S10 or -S40)

**OPTIONAL MATERIALS:**

- A-27 Carbon Steel -A27
- Cast Iron Grate -CIG
- CF8M (Equivalent to Type 316) Stainless Steel -316

DRAWING NUMBER  
**S9790**

SIZE  
**A**

SCALE:  
**NONE**

DATE:  
**11-12-84**

APPROVED BY:  
**TD**

CHECKED BY:  
**VGD**

DRAWN BY:  
**PJ**

**9790**

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER <b>9790</b>
	7-19-23 10-18-11 5-1-06 05/31/00	Removed Functions Added Note Rev. Variations Changed Metric Equivalents	HS TBW RN JJ	CL CL CL BS			