

ADJUSTABLE FIXTURE SUPPORTS FOR SIPHON JET WATER CLOSETS - SHALLOW ROUGH-IN TYPE

NO-HUB VERTICAL FITTINGS WITH TWO SIDE INLETS

SINGLE

DOUBLE

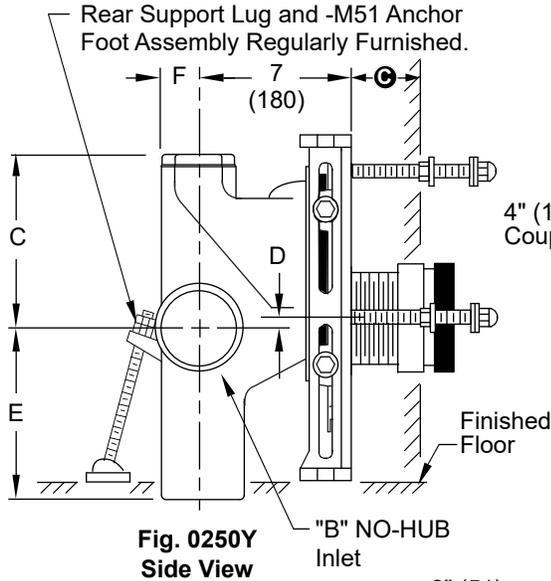


Fig. 0250Y
Side View
"B" NO-HUB Inlet

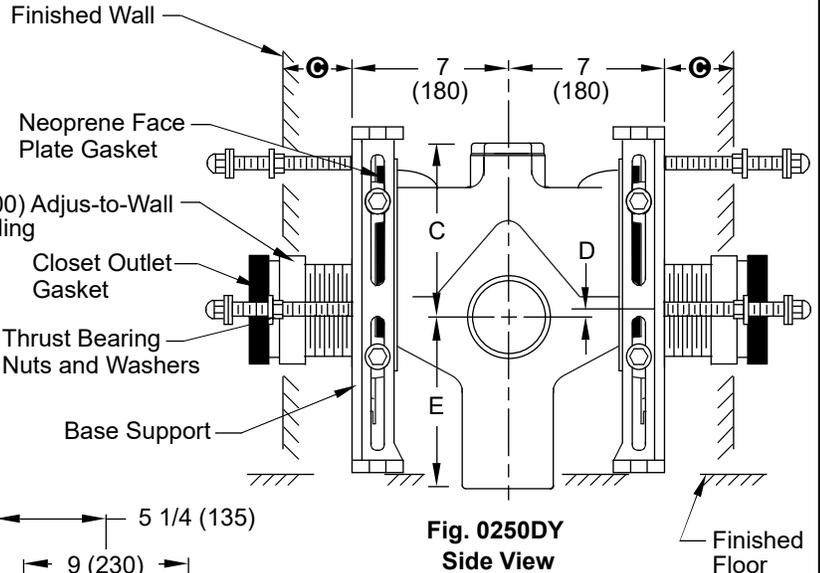
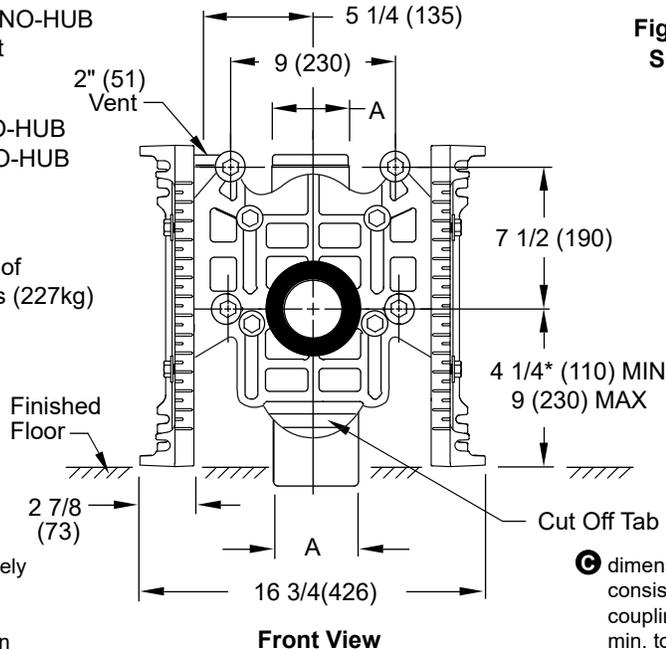


Fig. 0250DY
Side View

Fig. 0250Y (-M54) . . . NO-HUB
 Fig. 0250DY (-M54) . . . NO-HUB Double

Conforms with the requirements of ASME A112.6.1M up to a 500 lbs (227kg) static load rating.



Front View

The water closet gasket regularly furnished is made of molded neoprene and designed to fit water closet outlet dimensions and configurations shown in ANSI Standard A112.19.2M-1982, Figure 13B. If gasket is not found to be compatible to fixture due to nonconformance of said fixture to ANSI A112.19.2M, then fixture manufacturer shall be consulted for a suitable gasket recommendation. Jay R. Smith assumes no liability for connections to fixtures which do not conform to these standards.

NOTE: Base support must be securely anchored to floor with four 1/2" (13) bolts provided by contractor.

NOTE: Shallower minimum rough-in dimension to accommodate lower rough bowls available. Specify dimension required.

NOTE: \varnothing of stack to end of NO-HUB side inlet in 5" (125).

NOTE: Dimensions shown in parentheses are in millimeters.

***NOTE:** 9" (230) core drilled hole is required for rough-in 4 1/4 (110) thru 6 1/2 (165).

\varnothing dimension = 4"(100) (regularly furnished) consisting of nipple and Adjus-to-Wall coupling permitting adjustment from 3"(76) min. to 4"(100) max.A

A x B Size	C	D		E	F
		MIN	MAX		
4 (100) x 4 (100)	9 (230)	1 1/2 (38)	4 1/4 (110)	14 (355)	2 1/4 (57)
5 (125) x 4 (100)	11 1/2 (290)	1 1/2 (38)	4 1/4 (110)	11 1/2 (290)	2 3/4 (70)
6 (150) x 4 (100)	11 1/2 (290)	1 1/2 (38)	4 1/4 (110)	11 1/2 (290)	3 1/4 (83)

G
 DRAWING NUMBER
 S0250Y (-M54)
 SIZE
 A
 SCALE:
 NONE
 DATE:
 1-30-96
 APPROVED BY:
 CS
 CHECKED BY:
 JCS
 DRAWN BY:
 EMB
0250Y (-M54)
 FIGURE NUMBER

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
							0250Y (-M54)

MODIFICATIONS & VARIATIONS

Ⓒ DIMENSION - ADJUS-TO-WALL TYPE OUTLET CONNECTION

The Smith Adjus-to-Wall outlet connection provides adjustment at the face of the wall at the time the fixture is set; thus, compensating for wall construction variations. The **Ⓒ** dimension is measured from the front of the face plate to the finished wall. To properly determine the length of nipple required, deduct 1" (25) from the **Ⓒ** dimension. When the **Ⓒ** dimension exceeds 7" (180), the -M40 Wide Pipe Chase Support is recommended. The Adjus-to-Wall coupling will provide 1/2" (13) horizontal adjustment in either direction with the coupling extended 5/16" (8) past face of the finished wall.

Ⓒ dimension = 4" (100) (regularly furnished) consisting of nipple and adjus-to-wall coupling permitting adjustment from 3" (76) min. to 4" (100) max.
 *ABS (Regularly Furnished) other length PVC.

LENGTH	MIN	Ⓒ	MAX
2 1/2 (64)	2 1/4 (57)	3 1/4 (83)	
*3 1/4 (83)	3 (76)	4 (100)	
*8 1/4 (210)	8 (205)	9 (230)	
10 (255)	9 3/4 (250)	10 3/4 (275)	
12 (305)	11 3/4 (300)	12 3/4 (325)	
15 (380)	14 3/4 (376)	15 3/4 (400)	
18 (455)	17 3/4 (450)	18 3/4 (475)	

NOTE: When nipple lengths between 3 1/4" (83) and 8 1/4" (210) are specified, the 8 1/4" (210) nipple will be supplied. Nipple must be cut to specified length by others.

RECOMMENDED SETTING OF CLOSET OUTLET CONNECTION AND FIXTURE STUDS

Manufacturers have slight differences in the depth of the closet horn and flange thickness of their closets. Usually the fixture support closet connection should extend 5/16" (8) beyond face of finished wall (Dimension "R") and the fixture studs 2 1/4" (57) (Dimension "X"). For exact dimensions please use the formulas below.

DETAIL A Formula for "R" is: $S + 1/16" (2) - D = R$
 S = Depth of closet horn
 1/16" (2) = Distance closet is to set away from finished wall.
 D = 1/2" (13) for felt gasket and 3/8" (10) for neoprene gasket.
 R = Distance coupling should extend beyond finished wall.
 NOTE: When the fixture is installed, closet gasket must be compressed sufficiently to assure a gas and water-tight seal.

DETAIL B Formula for "X" is: $Y + 1/16" (2) + 9/16" (14) = X$
 Y = Thickness of closet wall flange.
 1/16" (2) = Distance closet is to set away from finished wall.
 X = Distance supporting stud should extend beyond finished wall.
 NOTE: Bearing nuts and washers must be set to take full loading from the fixture allowing 1/16" (2) clearance between fixture and wall.

NOTE: Dimensions shown in parentheses are in millimeters.

Exposed Flush Valve 4 3/4" (120)
 11 1/2" (290) Standard
 10 1/2 (265) MIN
 16 (405) MAX

Water Closet

Provides support and alignment for the supply pipe to an exposed flush valve; must be specified for either 1" (25) copper tube or 1" (25) iron pipe.

SUFFIX -M12 EXPOSED FLUSH VALVE SUPPLY SUPPORT

-M40 WATER CLOSET SUPPORT FOR WIDE PIPE CHASE (USE WHEN **Ⓒ** DIMENSION EXCEEDS 7" (180))

1 1/2 (38)
 Finished Wall
 Face Plate
 Bearing Nut & Washer
 Fitting
 Tiling Frame
 Closet Outlet Gasket
 Base Support

SUFFIX -M13 TILING FRAME - POLYSTYRENE

CONCEALED FLUSH VALVES

A concealed flush valve when used with a blowout water closet support will not clear the face plate. Therefore 4 1/2" (115) to 6 1/2" (165) is required from back of wall to face plate to permit the installation of the concealed flush valve piping.

FIGURE NUMBER	REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
	C	12-10-03	Revised Notes	RN	CL			0200/0300 Series Back Sheet
	B	6-1-95	Added Millimeters	EMB	BS			
	A	7-1-93	Submittal Update					

DRAWING NUMBER: S0200BS
 SIZE: A
 SCALE: NONE
 DATE: 2-28-86
 APPROVED BY: JD
 CHECKED BY: CR
 DRAWN BY: VGD
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE