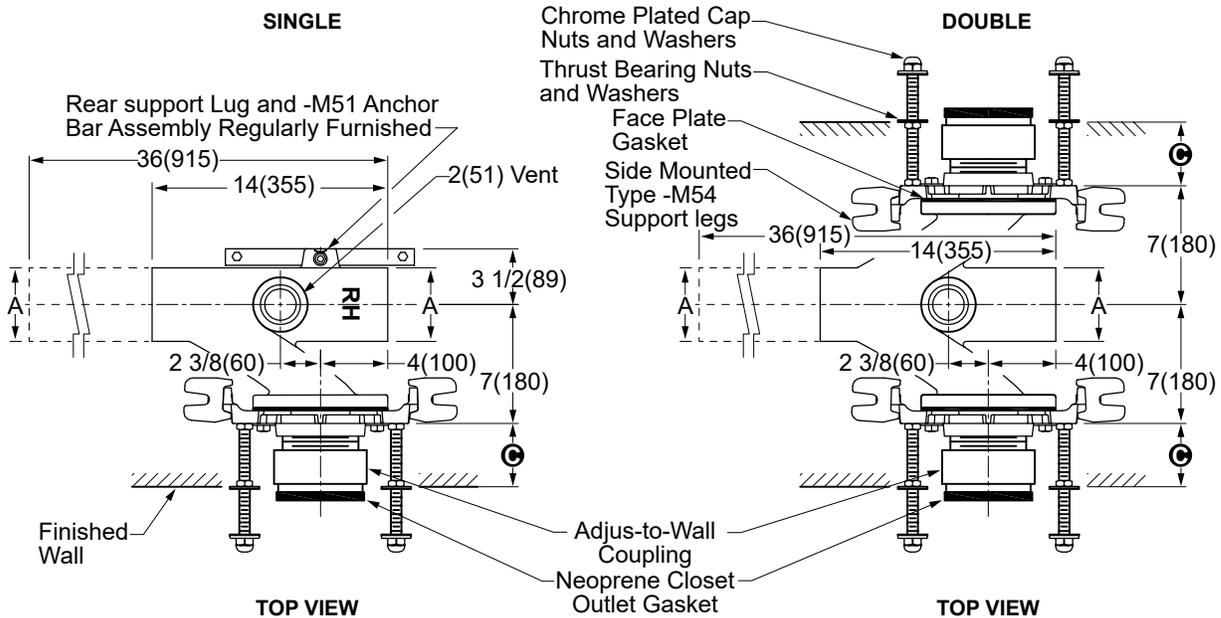


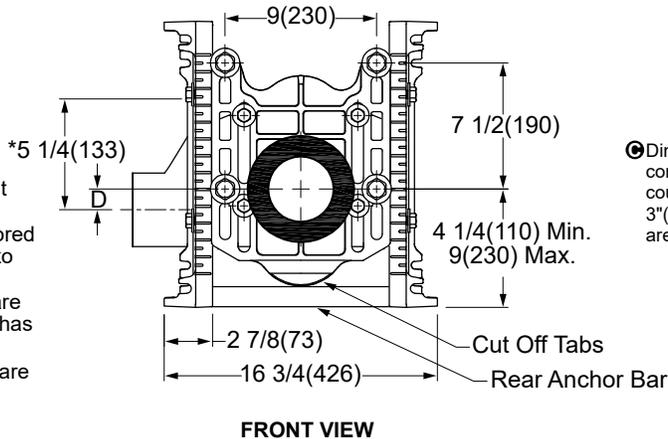
ADJUSTABLE FIXTURE SUPPORTS FOR SIPHON JET WATER CLOSETS

EXTRA HEAVY DUTY-750 LBS. (340kg)



NOTES:

1. Base support must be securely anchored to floor with 1/2"(13) anchors able to withstand a pull-out force of 500 lbs (227 kg). The rear anchor bar must be securely anchored to floor with 1/2"(13) anchors able to withstand a pull-out force of 1000 lbs (454 kg). Pull-out forces are calculated values, no safety factor has been applied.
2. Dimensions shown in parentheses are in millimeters.
3. *Dimension to top of vent.



A SIZE	D	
	MIN	MAX
4(100)	3/4 (19)	3 3/8(87)

⊕ Dimension = 4"(100) (Regularly Furnished) consisting of nipple and Adjust-to-Wall coupling permitting adjustment from 3"(76) min. to 4"(100) max. Longer nipples are available, specify ⊕ dimension.

- Fig. 0211LY -M54-XX NO-HUB Left Hand
- Fig. 0211RY -M54-XX NO-HUB Right Hand
- Fig. 0211DY -M54-XX NO-HUB Double
- Fig. 0221LY -M54-XX NO-HUB Left Hand Long Barrel
- Fig. 0221RY -M54-XX NO-HUB Right Hand Long Barrel
- Fig. 0221DY -M54-XX NO-HUB Double Long Barrel

Jay R. Smith 0211Y/0221Y-M54-XX complies with and/or exceeds all requirements of ASME A112.6.1M up to 750 lbs.

DRAWING NUMBER: s0211Y, 0221Y -M54-XX
 SIZE: A
 SCALE: NONE
 DATE: 6-21-12
 APPROVED BY: CL
 CHECKED BY: CL
 DRAWN BY: TBW
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE
 WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA
 FIGURE NUMBER: 0211Y -M54-XX, 0221Y -M54-XX

REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
C B A	12-1-23 10-29-14 3-22-13	Revised Min. Size Added 0221Y-M54-XX Rev. Notes, Dim.	HS TBW TBW	CL CL CL			0211Y -M54-XX 0221Y -M54-XX

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.

NIPPLE LENGTHS AVAILABLE

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))

Finished Wall
 1 1/2 (38)
 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
0200/0300 Series Back Sheet	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	EMB	BS			