

Modifications & Variations for Siphon Jet Water Closets

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MEMBER OF:

LOCATION

MODIFICATIONS & VARIATIONS FOR SIPHON JET WATER CLOSETS

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: $S + 1/16" (2) \cdot D = R$
 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.

DETAIL A

1/16" (2) Clearance Between Back of Closet and Finished Wall

Finished Wall

ABS Coupling

Closet Horn

Gasket

DETAIL B

Finished Wall

Support Stud

1/16" (2)

Bearing Nut and Washer

Y

X

NOTE: Dimensions shown in parentheses are in millimeters.

OPTIONAL CLOSET OUTLET CONNECTIONS

TYPE NO. 2

Cast Iron Nipple

Cast Iron Coupling

Closet Outlet Gasket

FRONT

NOTE: Coupling should extend 5/16" (8) beyond finished wall

The type 2M outlet connection is used with floor mounted back outlet bowls. The 2M connection is an integral nipple/coupling whose length is specified by the \odot dimension. The 2M can accommodate a smaller \odot dimension than the type 2 nipple/coupling.

SIDE

Finished Wall

Male Cast Iron Nipple Coupling

1/2" (13) Δ

Finished Floor

TYPE 2M

NOTE: The 4" (100) adjustable coupling is provided with vertical slotted ears which permit a 1/2" (13) adjustment up or down for variation in finished floor height.

TYPE -M73

Closet outlet connector for use with stainless steel fixture

9" (230)

Closet Gasket

ABS Adjust-to-Wall Coupling 2 1/2" (64) long

Yoke

Nipple End Threaded for Distance of 4" (100)

5/8" (16) x 6" (150) Studs with Nuts and Washer

4" (100) x 12" (305) Long Nipple-tapered Thread on One End and 4" (100) Size Male Thread on Coupling End

TYPE -M74

Closet outlet for use with stainless steel fixture

6" (150)

Closet Gasket

ABS Adjust-to-Wall Coupling 2 1/2" (64) long

Yoke

Nipple End Threaded for Distance of 4" (100)

5/8" (16) x 6" (150) Studs with Nuts and Washer

4" (100) x 12" (305) Long Nipple-tapered Thread on One End and 4" (100) Size Male Thread on Coupling End

SUFFIX -M12 EXPOSED FLUSH VALVE SUPPLY SUPPORT

Exposed Flush Valve

4 3/4" (120)

11 1/2" (290) Standard

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 -M13 TILING FRAME - POLYSTYRENE

1 1/2" (38)

Face Plate Fitting

Finished Wall

Bearing Nut & Washer

Tiling Frame

Closet Outlet Gasket

Base Support

SUFFIX -M40 WATER CLOSET SUPPORT FOR WIDE PIPE CHASE

3" (76)

Pipe Chase

7" (180)

Specify

-M40 Recommended when \odot dimension exceeds 7" (180).

Illustration shows single installation. For double (back to back) installations specify whether -M40 variation is required on one side or both sides of pipe chase. When ordering, the pipe chase width and \odot dimension should also be specified.

C B A	12-10-03 2-26-95 7-1-93	Added Note Added Millimeters Submittal Update	RN EMB EMB	CL BS BS
REV.	DATE	DESCRIPTION	BY	CKD, BY

WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 100/400 Series Back Sheet
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