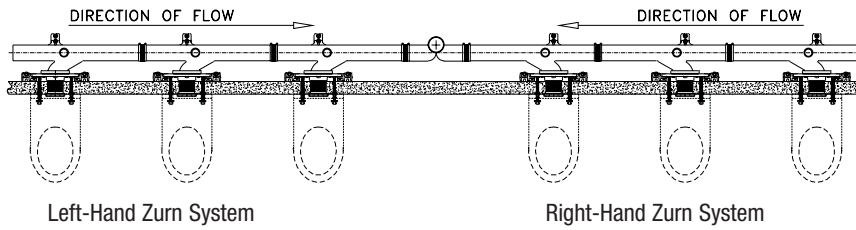


**TECHNICAL DATA**

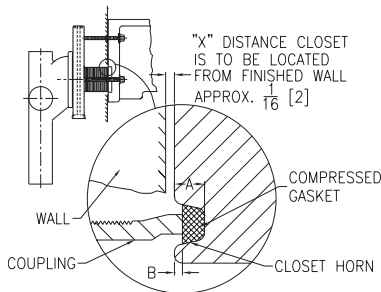
**Determination of Right- and Left-Hand Systems**



Stand facing the fixture.  
If flow is from the right, Zurn System is right-hand. If flow is from the left, Zurn System is left-hand.

**Determination of Coupling and Fixture Distances From Front of Wall**

To ensure a tight seal at outlet of closet having a rectangular groove, the front end of the coupling should be located to compress the gasket adequately when the fixture is in the desired location. This dimension will vary depending on depth of recess (Dim. A) in closet. The following formula may be used to determine amount coupling should extend (Dim. B) in front of finished wall.



*Inset illustrates depth of gasket recess in fixture and coupling with normal pressure on gasket.*

Let A = depth of recess in closet  
X = distance closet is to be located from finished wall  
B = distance coupling should extend in front of finished wall  
Thus,  $A + X - 1/2" = B$

With fixtures having vee shaped grooves, coupling may have to extend an additional 1/8" or more. With any closet, the coupling must compress the gasket enough so the adhesive coated surfaces are in good contact with the china and the face of the coupling.

**IMPORTANT:** Bearing nuts and washers must be located properly to establish and maintain dimension "X."

Dimensions below based on  $B = 3/8"$ .

Z1203 thru Z1204				Z1208 thru ZE1209			
'P' Dimension*		Coupling Length	Stud Length	'P' Dimension*		Coupling Length	Stud Length
Min.	Max.			Min.	Max.		
1-3/4	2-3/4	2-3/4	6	1	1-7/8	2-3/4	6
2-1/2	3-1/2	3-1/2	8	1-1/2	2-5/8	3-1/2	8
3	4	4	8	2	3-1/8	4	8
4	5	5	8	3	4-1/8	5	8
5	6	6	9	4	5-1/8	6	9
6	7	7	10	5	6-1/8	7	9
7	8	8	11-1/4	6	7-1/8	8	11-1/4
7-1/2	8-1/2	8-1/2	11-1/4	6-1/2	7-5/8	8-1/2	11-1/4
8-1/4	9-1/4	9-1/4	12-3/4	7-1/4	8-3/8	9-1/4	12-3/4
9	10	10	12-3/4	8	9-1/8	10	12-3/4
10	11	11	15-3/4	9	10-1/8	11	15-3/4
11	12	12	15-3/4	10	11-1/8	12	15-3/4

\*'P' Dimension is from the front of the faceplate to finished wall.

**Distance Fixture Bolts Located in Front of Wall**

To locate fixture bolts:

Let T = thickness of wall flange of closet  
X = distance closet is to be located from finished wall  
B = distance fixture studs should extend in front of finished wall  
Thus,  $T + X + 5/8" = B$

The "Minimum 'P' Dimension" is the minimum dimension from front of faceplate to finished wall:

Z1203 thru Z1204	Z1208 thru Z1209
1-3/4"	1"

The "Standard 'P' Dimension," which is regularly supplied unless otherwise specified, provides for the following dimensions from the front of the faceplate to finished wall:

Z1203 thru Z1204		Z1208 thru Z1209	
Min.	Max.	Min.	Max.
5"	6"	4"	5-1/8"

Longer 'P' dimensions (or shorter) with couplings up to and including 12" are furnished at no extra charge. An additional charge will be made for greater 'P' dimensions. (See Suffix -CL.)

**Allowance for Concealed Flush Valves**

When wall closets are installed with concealed flush valves having rear inlet supply, location of faceplate is important – for Siphon Jet bowls it is not necessary to locate faceplate behind supply line, since supply line will clear top of faceplate and vent line. For Blow Out installations, however, faceplate must be located behind supply line to prevent interference of faceplate with supply line.