



## STRUCTURAL CH12080

INSTALLATION PROCEDURE USED ON DST 10990,

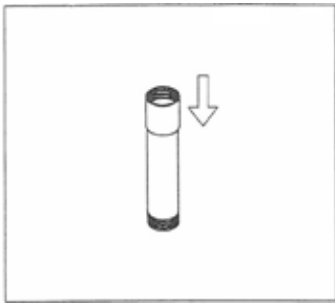
10956, 10985, 11092, 11093, 11094

### INSTALLATION PROCEDURE FOR SIDE MOUNT TOP/BOTTOM HUB AND LATERAL SYSTEM WITH FLANGE

[36" - 48"] DIAMETER TANKS

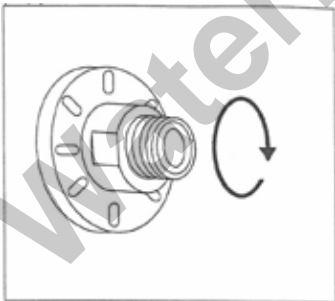
#### STEP 1

Locate the 3" SxT female adaptor and the 3" horizontal pipe threaded on one end. Using CPVC cement, bond the 3" female adaptor to the pipe.



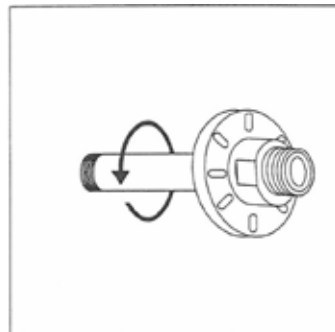
#### STEP 2

Locate the 3" NPT x 3" NPSM connector. With the o-ring in place, thread the connector into the flange adaptor and tighten.



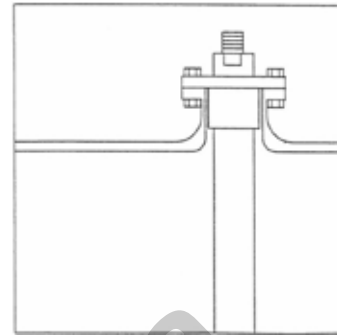
#### STEP 3

Thread the bonded parts from Step 1 into the 3" NPSM end of the connector.



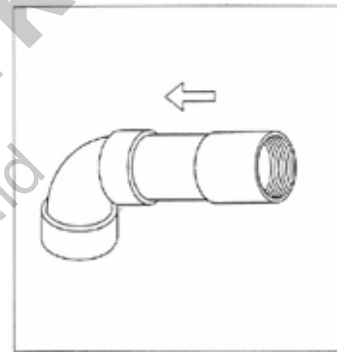
#### STEP 4

Put the tank in horizontal position (on a protective surface). With the o-ring in place on the flange adaptor, insert the assembly through the side flange in the tank and install. Use two (2) bolts to locate the assembly.



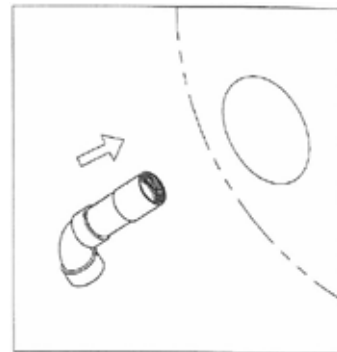
#### STEP 5

Locate another 3" SxT female adaptor, 3" 90° elbow and the short CPVC horizontal pipe. Bond the 3" SxT adaptor, the 3" 90° elbow, and the short CPVC pipe nipple together.



#### STEP 6

Insert this assembly through the bottom opening of the tank and thread the assembly into the pipe from the side flange.



### CALIFORNIA PROPOSITION 65 WARNING

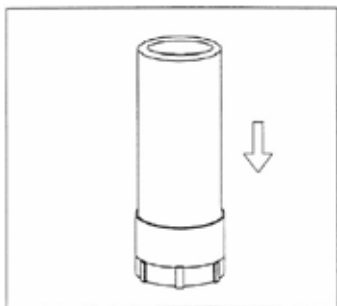
**⚠ WARNING:** This product contains chemicals known to the State of California to cause cancer or birth defects.



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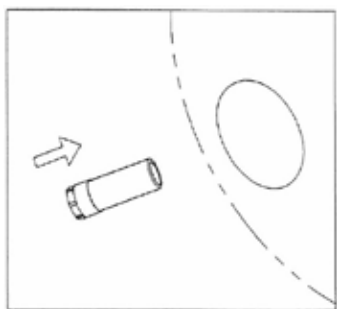
#### STEP 7

Locate the 3" BSP thread x 3" slip hub adapter and the vertical riser pipe for the lower distributor system. The upper diffuser system (if used) consists of a 3" SxT female adapter and a riser pipe. Use CPVC cement and bond the adapters to the riser pipes.



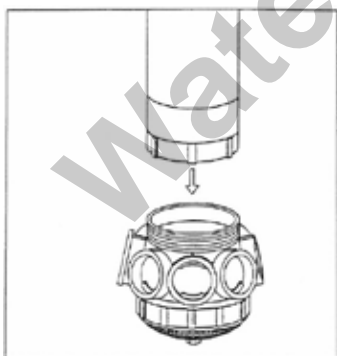
#### STEP 8

Insert the rise pipe assembly through the bottom or top opening of the tank. Check for fit before bonding into the 3" 90° elbow. CAUTION: The adapter with the 3" BSP thread must be attached to the bottom side hole assembly.



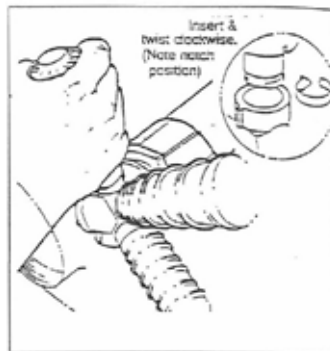
#### STEP 9

Thread the hub assembly into the 3" BSP coupling on the riser pipe (bottom). Thread the diffuser into the 3" female adaptor (top).



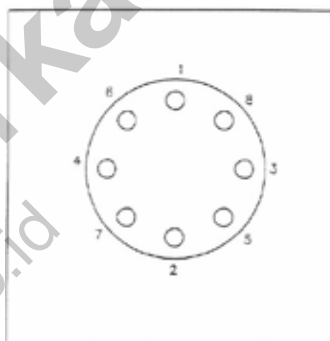
#### STEP 10

Install the laterals into the hub. NOTE: It might be necessary to move the hub assembly to one side to install the laterals.



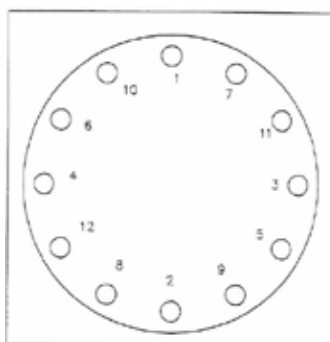
#### STEP 11

Install the remaining bolts into the side flange and tighten in the accepted cross pattern. Verify that the hub assembly is on the center.



#### STEP 12

Install the bottom flange adapter with o-ring and tighten in the accepted cross pattern. Stand tank up and moved into location for external plumbing.



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