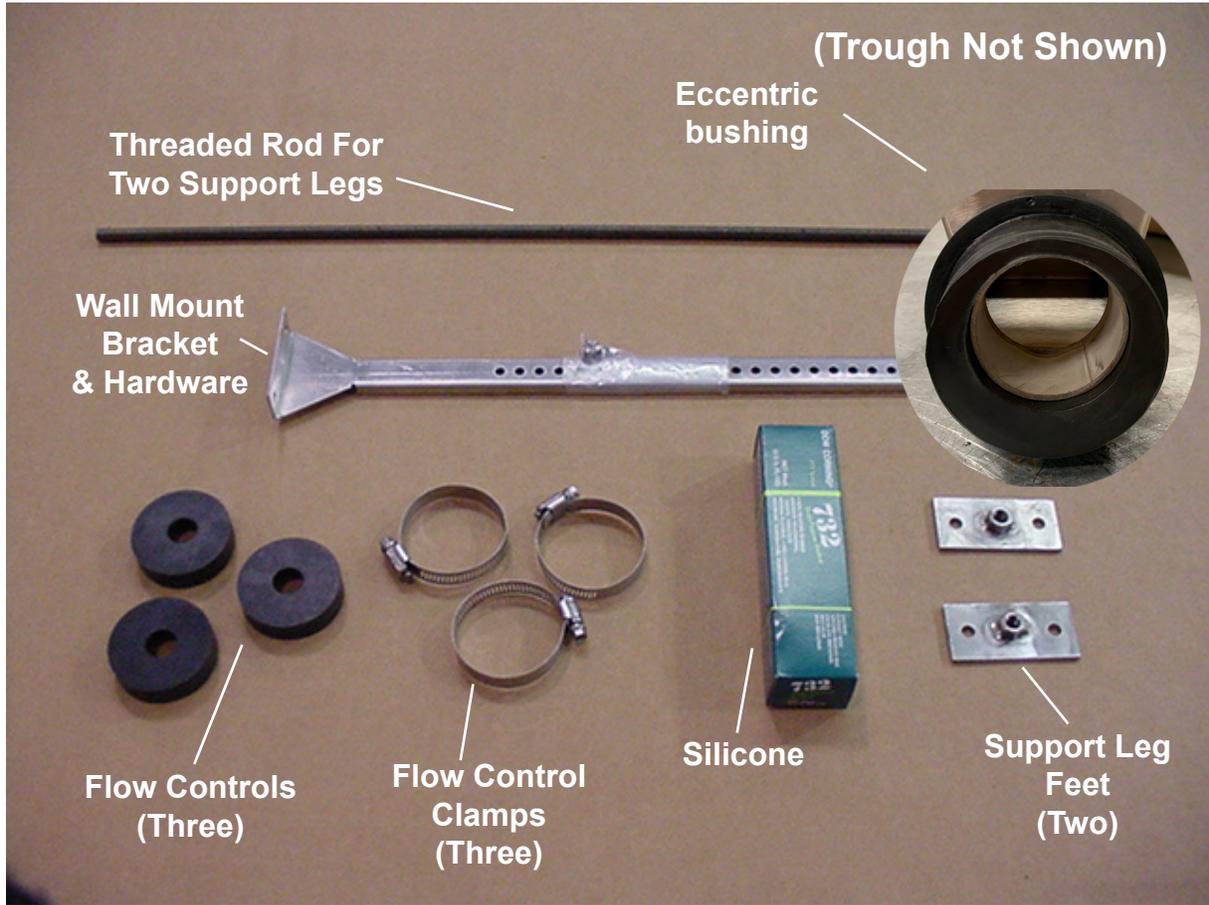


# HAG-3 Horizontal Air Gap Assembly Installation Instructions

## Parts Included With The HAG Horizontal Air Gap Assembly



***Before Installing the HAG Horizontal Air Gap Assembly, remove the Flow Control located on the Inlet end.***

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# HAG-3 Horizontal Air Gap Assembly Installation Instructions

\* Install after Big Dipper is in place. Remove Flow Control on Big Dipper Unit.

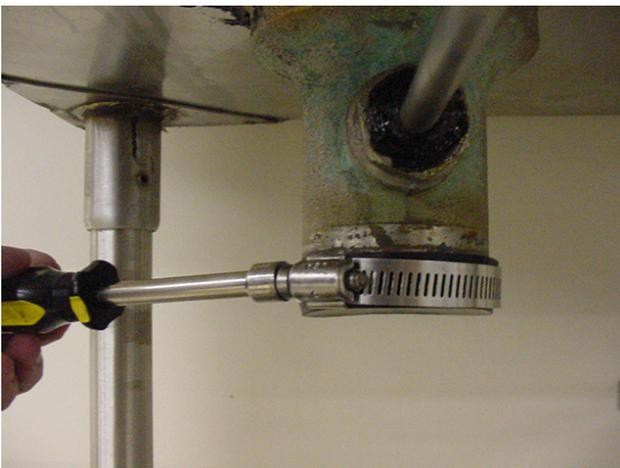
- 1) Remove the tailpiece on each drain stem under the sink bowls.
- 2) Install a Flow Control on each drain stem. (Three flow controls provided)
- 3) Use the Flow Control Clamps to tighten the flow control to the stem.
- 4) Place Trough on position under sink. Measure from Big Dipper to 8" past drain stem. Note for reference.



*Figure 1*



*Figure 2*



*Figure 3*



*Figure 4*

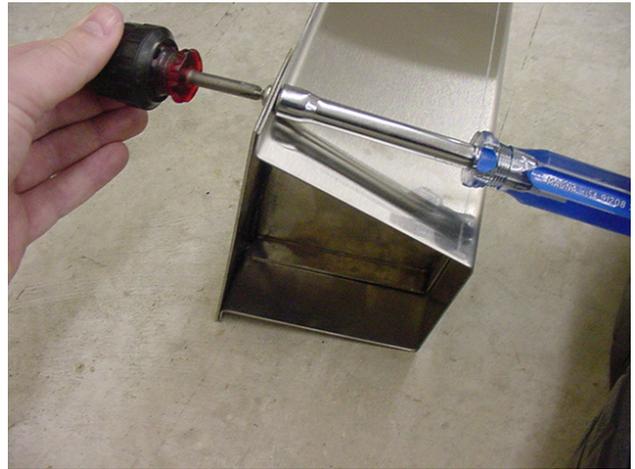
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## HAG-3 Horizontal Air Gap Assembly Installation Instructions

- 5) Using a saw, cut Trough to specified length.
- 6) Bolt the End Piece to the HAG Assembly.
- 7) Seal the End Piece with Silicone provided.
- 8) Put eccentric coupler on end of Trough, thick side down. Use 3" flexible pipe connector to connect Trough to Big Dipper inlet.



**Figure 5**



**Figure 6**



**Figure 7**



**Figure 8**

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## HAG-3 Horizontal Air Gap Assembly Installation Instructions

- 9) Hold the HAG Assembly end 2" from the furthest drain stem. Ensure there is 1/4" fall per 1" run towards the Big Dipper unit. (For Big Dipper W-350-IS and W-500-IS, we recommend having a 3" slope drop to ensure all liquid is drained.) Measure the height under this drain stem from the bottom of the Trough to the floor.
- 10) Remove the Trough.
- 11) Use the measurement taken in Step 9 as the length of the first Support Leg. Cut one leg/threaded rod to this length.
- 12) Install the support foot onto the rod and then install the support leg to the furthest drain stem of the HAG assembly.



**Figure 9**



**Figure 10**



**Figure 11**

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## HAG-3 Horizontal Air Gap Assembly Installation Instructions

13) Install the outlet drain trough into the Big Dipper unit. The Trough will now be able to stand. Measure the distance from the leg nut nearest to the Big Dipper unit, allowing 1/8" for the Support Foot.

14) Cut the Rod to the desired length. Install the Support Stand onto the Rod. Insert the Support Leg into the nut nearest to the Big Dipper unit.

15) Measure the distance from the wall to the center of the Trough. This measurement will be used to cut the Wall Bracket.



*Figure 12*



*Figure 13*



*Figure 14*

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## HAG-3 Horizontal Air Gap Assembly Installation Instructions

16) Cut the Wall Mount Bracket (cut the narrow end) to the measured length from the wall. (Figure 15)

17) Bolt the wall mount bracket to the HAG Trough. (Figure 16) Bolt the Wall Mount Bracket to the wall. (Figure 17)

18) Bolt the feet of the HAG Trough into the floor for stability. (Figure 18)



**Figure 15**



**Figure 16**



**Figure 17**



**Figure 18**

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## HAG-3 Horizontal Air Gap Assembly Installation Instructions

*This is what the Big Dipper® HAG Horizontal Air Gap Assembly looks like once installation is complete.*



**A HAG-2 Horizontal Air Gap Assembly coupled to a Big Dipper® W-200-IS Point Source Automatic Grease Removal System. Optional HAG-BA-1 Solids Strainer Baskets are shown in this picture.**

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