**Model 413 Automatic Dosing Siphon**

**Specifications**
- Diameter of Outlet: 4.2" OD (to fit 4" SDR 35 Sewer Pipe)
- Draw down: 13" Single operation
  - 12" Dual operation
- Diameter of Bell: 14"
- Discharge invert to low water level: 8.5"
- Average Discharge Rate: 140 GPM
- Minimum Discharge Rate: 100 GPM

**Materials**
- Trap and Bell: 3/16" thick High Density Polyethylene (linear)
- Vent Pipes: 3/4" Sch 40 PVC
- Bolts: Stainless Steel

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**Diagram**

- High Water Line
- Low Water Line
- Floor Line
- Vent Pipe
- Overflow Pipe
- 4" PVC, CI or Tile pipe not furnished by Fluid Dynamics, Inc.
- Discharge connection of siphon 4.2" O.D.
MODEL 417
DIRECTIONS FOR SETTING
1) Read the entire instruction book before installing.
2) Set siphon trap plumb and level. The long leg of the siphon should extend 11" above the floor line.
3) Use a gasketed fitting to connect the outlet of the siphon to the overflow pipe and discharge line.
4) Fill the siphon trap with water before initial operation.
5) Make sure all joints of the vent piping are airtight.
MODEL 423
DIRECTIONS FOR SETTING

1) Read the entire instruction book before installing.

2) Set siphon trap plumb and level. The long leg of the siphon should extend 16" above the floor line.

3) Use a gasketed fitting to connect the outlet of the siphon to the overflow pipe and discharge line.

4) Fill the siphon trap with water before initial operation.

5) Make sure all joints of the vent piping are airtight.

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4" PVC, CI or Tile pipe not furnished by Fluid Dynamics, Inc.

Discharge connection of siphon 4.215 O.D.