

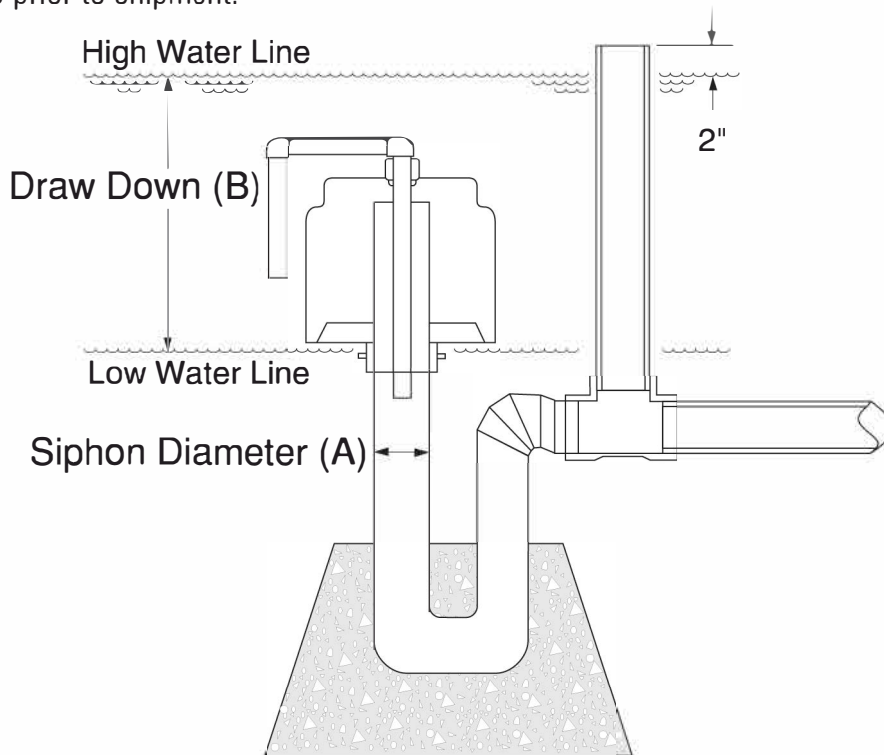
# Operation of Single Automatic Siphons

FLXX®

FLXX®

As liquid rises in the dosing tank it covers the siphon bell. When the liquid in the tank reaches the high water line, a quantity of air is forced around the trap and escapes through the discharge siphon. The escaping air relieves the back pressure and starts the siphon action. The liquid is drawn out of the tank at a high flow rate (typically 100 GPM - 180 GPM) until the water reaches the bottom of the bell. At this point the siphon action is stopped as the air is drawn into the siphon bell.

FRPC sets the siphon trap in a foundation base, installs the trap, bell and overflow in the tank and primes the trap prior to shipment.



APPROXIMATE DIMENSIONS IN INCHES

Model Number	413	417	423	430*	630*
Siphon Diameter (A)	4"	4"	4"	4"	6"
Draw Down (B)	13"	17"	23"	30"	30"
Minimum Discharge Rate / GPM	100	100	100	100	350

Other siphons / special configurations available. Please call for more information.

\*Special Order Only

Note: N. T. S.

**FLXX®**   
**Watertight**

**Front Range Precast Concrete, Inc.**

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