

492 Series

Wind Compensation System

Function:

The primary function of the **492 Series Wind Compensation System** is to reduce or eliminate water loss due to the spray blown from the pool. This is achieved by automatically reducing the height of the spray and/or turning the pump off.

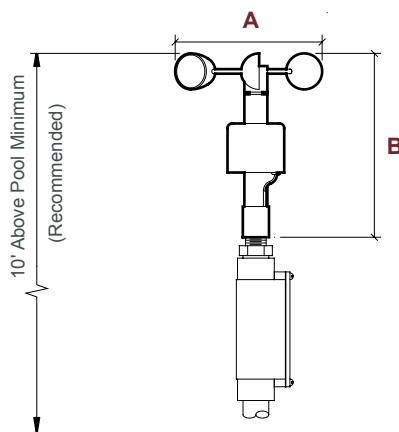
Design Considerations:

492 Series Wind Compensation System panels are solid state and provide an L.E.D. digital readout of the wind velocity in miles per hour. There are two panel versions available: the #492-13, which is pre-mounted in a clear cover, carbonate and phenolic resin enclosure, and the #492-14, a panel/door mount system typically used with one of our custom control panels.

Each panel has two stages, each with dial-adjustable wind velocity actuation points, "auto-off-manual" function switch and a "high wind" pilot light to indicate stage actuation. Stage one is used to reduce the water effect height in moderate wind conditions, and stage two is used to deactivate the fountain pump in high wind conditions. The sets of internal switches for the two stages are identical, but independent of each other; therefore, just one stage may be used with the other remaining as an alternate.

There is a delay circuit built into the unit to read the wind speed after a stage is activated (90 seconds for the first stage and from 30 - 350 seconds for the second stage). If the wind velocity drops and stays below the setting on the dial for the designated reading interval, the stage will deactivate, allowing the fountain to resume normal operation. If the wind velocity stays above, or drops below then again exceeds the velocity setting during the full reading interval, the stage will remain activated and another reading interval will start.

Please consult one of our designers if further assistance is needed to install a wind compensation system with your fountain.



Model	A	B
All	6" O.D.	7-1/2"