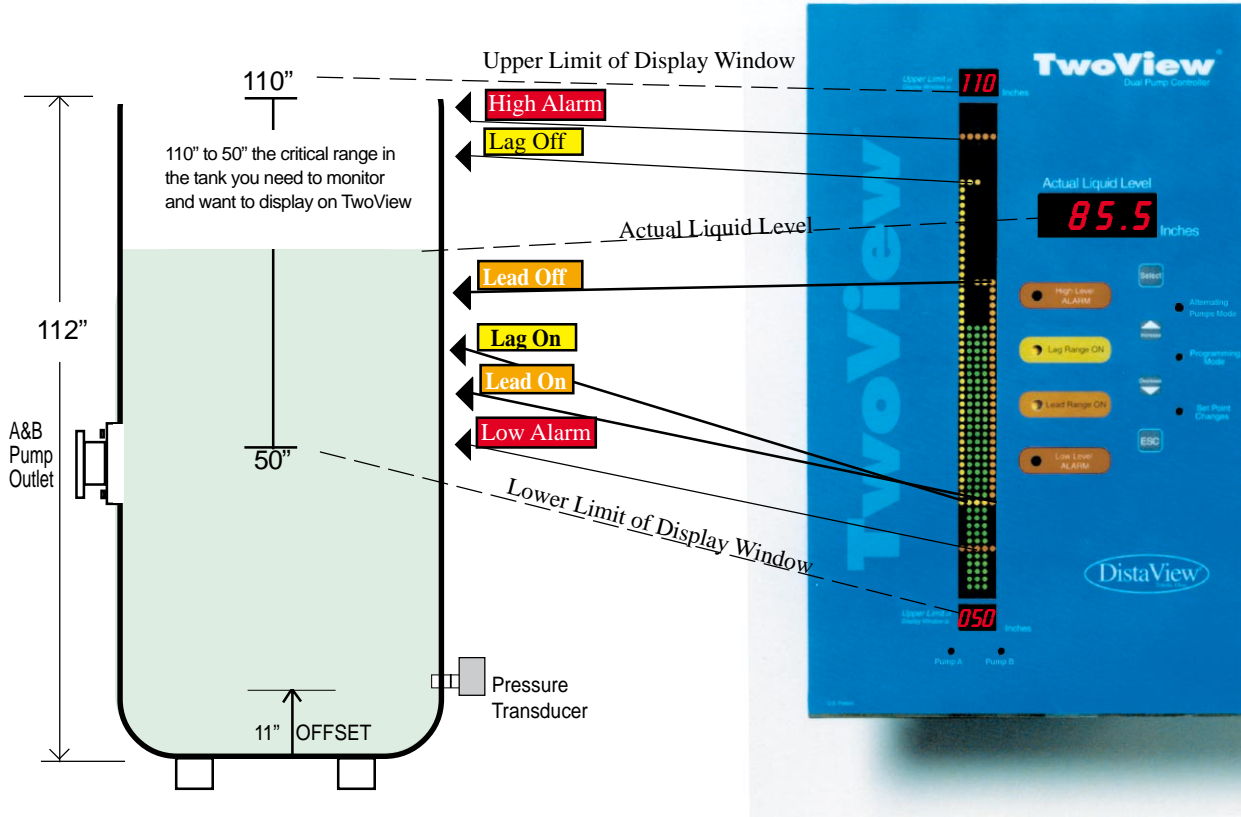


## A typical application using a Sump model TwoView®



**Let's** say your tank is 112 inches deep, and the transducer range of the sensor you've chosen is 0-5 psi of water. 5 psi equals 138 inches H<sub>2</sub>O. The pressure transducer is located 11 inches off the bottom of the tank. With 51 inches of water in the tank you are cavitating the pump, and at 108 inches of water you are facing probable flooding.

The goal is to automatically **empty the tank** to the desired level, alternating both pumps. The lead pump range will turn ON when the level **rises** to 75 inches and OFF at 65.0 inches. The lag pump range will turn ON when the level rises to 90.0 inches and turn OFF at 65.0 inches. The lead and lag pumps can have separate OFF levels. The High and Low alarm output circuits will be activated at 105 and 55 inches. For this application, you want to display the cross-section of the tank between 50 and 110 inches on the TwoView display bar. These are not control or alarm points.

*To accomplish the above installation, you would enter the following:*

Transducer Range H <sub>2</sub> O inches	138.0	Lag Range ON	90.0
Transducer Height (Offset)	11.0	Lag Range OFF	65.0
Upper Limit of Window	110.0	Lead Range ON	75.0
Lower Limit of Window	50.0	Lead Range OFF	65.0
High Alarm/Fault Level	105.0	Low Alarm/Fault Level	55.0

**DistaView®**

DistaView Corporation

121 East Wooster Street  
Bowling Green, OH 43402  
(419) 354-5087  
Fax (419) 353-6080  
www.Distaview.com  
sales@distaview.com

