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INSTALLATION & OPERATIONS MANUAL FOR PNEUMATIC FLOAT SWITCHES

MODEL 106:

The Pneumatic Float Switch is installed in a 2" half coupling which is welded into the tank wall. Be certain that the hole in the tank wall is at least as large as the inside diameter of the half coupling, so there is no interference with the 106 float arm action. The float will operate in a fluid specific gravity of 1.00 or greater.

MODEL 207:

The 207 water make-up valve is installed by connecting the 207 housing to the expansion tank. A bracket should be made to support the 207. The centerline of the housing should be located 3/4" or 1 3/8" above the desired trip point.

HIGH LEVEL SWITCH:

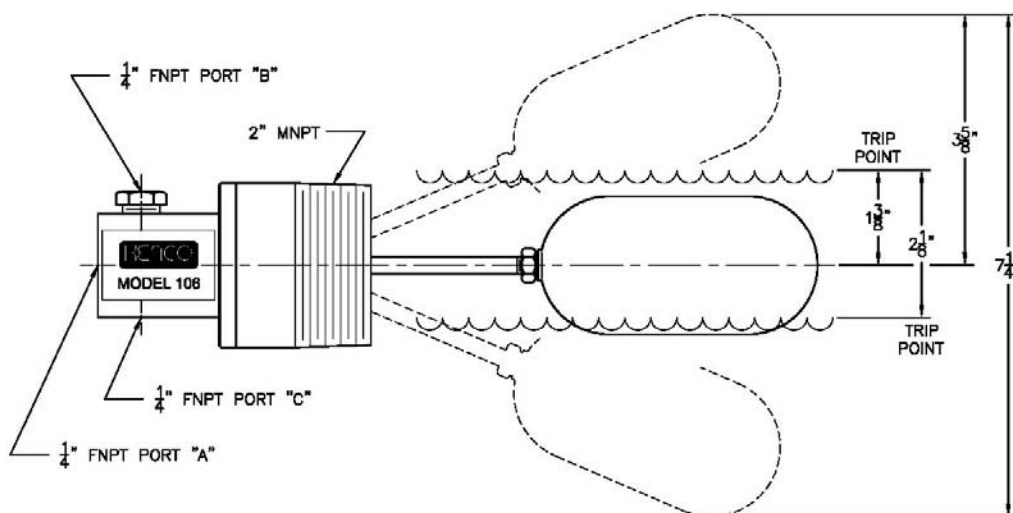
To release the pneumatic line pressure when the liquid level reaches the high level of a tank, connect the pneumatic line to inlet port "B" and plug port "C". The switch will release the pneumatic pressure when the liquid rises.

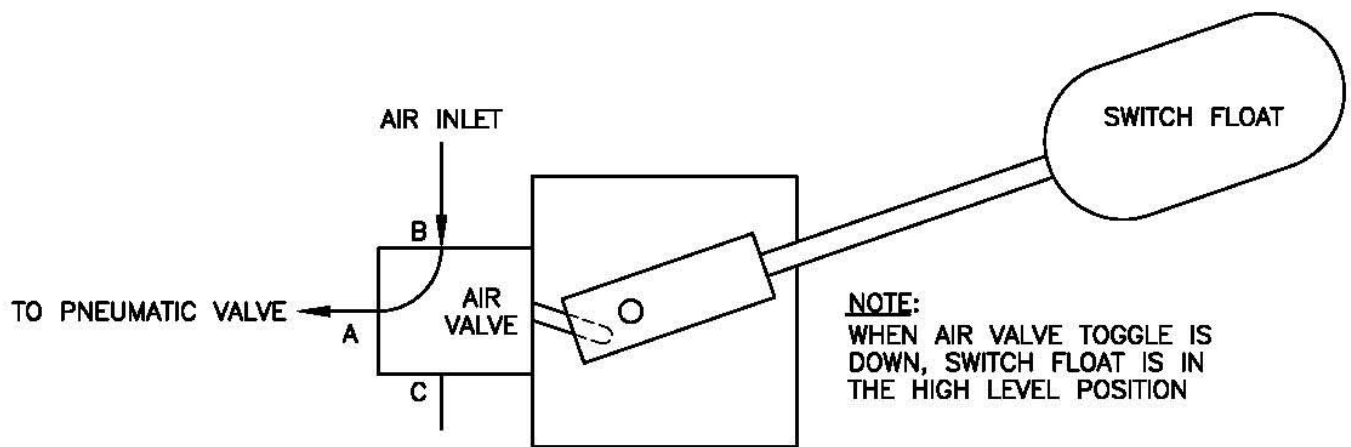
LOW LEVEL SWITCH:

To release the pneumatic line pressure when the liquid level reaches the low level of a tank, connect the pneumatic line to inlet port "C" and plug port "B". The Switch will release the pneumatic pressure when the liquid level falls.

SWITCH TRIP POINTS:

The 1 3/8" dimension shown below will be below the switch centerline if switch or entire assembly is rotated 180 degrees. Trip point dimensions are based on tests with water at ambient temperature. Trip points may vary with liquids other than water.





KENCO MODEL 106 PHYSICAL REPRESENTATION

