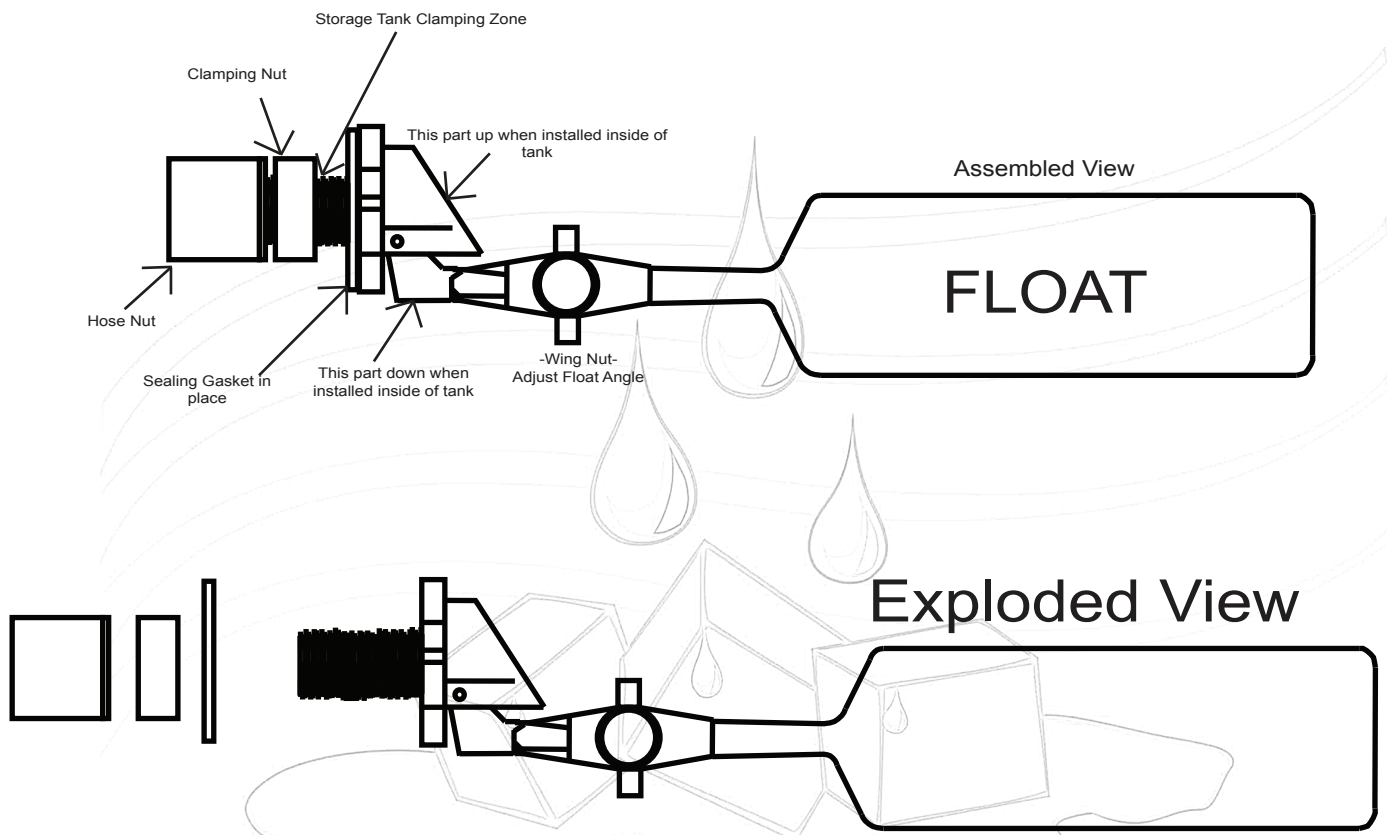


AIR WATER ICE, LLC

Installation Diagram

FLOAT VALVE ASSEMBLY



*****WARNING***** Improper installation of float valve can and will prevent shut off, causing flooding!!! Monitor installation until you have positive shutoff on system.

***NOTE:** It is best to adjust float so it is hanging slightly down. Water will lift and close.

FLOAT VALVE

FIRST IT IS IMPORTANT TO REALIZE THAT THE VALVE HAS ACTUALLY UP AND A DOWN POSITION.

SECOND, PLEASE ADJUST THE FLOAT LOW ENOUGH TO KEEP THE METAL SCREW OUT OF THE WATER.
NO METAL SHOULD BE IN THE STORED WATER.

DRILL A HOLE IN THE SIDE OF YOUR PLASTIC STORAGE CONTAINER 3 OR 4 INCHES HIGHER THAN WHAT YOU WANT THE WATER LEVEL TO BE. THE HOLE SHOULD BE JUST SLIGHTLY LARGER THAN THE INLET STEM. THE VALVE HAS A TUBING NUT ON THE INLET. REMOVE THE FASTENING NUT FROM THE INLET.

FROM THE INSIDE OF THE TANK, PASS THE INLET STEM OF THE VALVE THRU THE HOLE YOU DRILLED. FROM THE OUTSIDE, ATTACH AND SNUG THE FASTENING NUT IN TO PLACE.

ONCE THE FLOAT VALVE IS IN POSITION MAKE SURE THAT IT DOES NOT ROTATE. IF IT ROTATES OUT OF THE POSITION EASILY, THE VALVE WILL FAIL. YOU MUST SECURE THE FASTENING NUT ENOUGH TO PREVENT THE ROTATION OF THE VALVE UNDER MODERATE PRESSURE.

DO NOT CRUNCH THE NUT DOWN, JUST SNUG AND A BIT MORE TO ASSURE THAT THE FLOAT VALVE CAN NOT ROTATE. THE ONLY FORCE IN THE FUTURE THAT WILL WORK ON THE VALVE IS THE UPLIFT PROVIDED BY THE WATER AS IT LIFTS THE FLOAT.

SO THAT IS ALL YOU NEED TO OVERCOME WHEN YOU WANT TO PREVENT ROTATION.



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KEEP AN EYE ON THE SCREW AND NUT USED TO ASSEMBLE THE VALVE
CORROSION MAY BE A PROBLEM