HOW A VENTED FAUCET WORKS

WATER ENTERING THE TANK FROM THE RED TUBE, DISPLACES HOT WATER IN THE TANK, CAUSING IT TO FLOW FREELY THROUGH THE CLEAR TUBE, STRAIGHT THROUGH THE FAUCET, TO EXIT AT THE SPOUT.

**IMPORTANT!!** NEVER OPERATE THE FAUCET WITH A KINKED CLEAR (OUTLET) TUBE!

CLEAR "HIGH TEMP" TEFLOHN TUBE
HOT WATER OUTLET / VENT

(TANK OUTLET)

RED TUBE COLD SUPPLY TO TANK

(TANK INLET)

#5000 HOT TANK

Installation of the *Pressure Regulator Valve* is required to maintain your WARRANTY.

VALVE CONTROLS FLOW IN THESE TUBES ONLY
OPENING THE VALVE ALLOWS SUPPLY WATER TO FLOW FROM THE BLUE TUBE THROUGH THE FAUCET INTO THE RED TUBE AND INTO THE HOT TANK
IMPORTANT NOTE TO INSTALLERS AND CUSTOMERS:

Vented faucets do not shut off like standard faucets! The valve shuts off pressure in front of the chiller or hot tank, and like a garden hose, the pressure must take time to run the water out of the end of the faucet spout. This is normal for a vented faucet, and should not be mistaken for a valve defect or a leak.

HOT TANKS: After hot water has been dispensed during normal usage, the tank immediately starts the reheating process to bring the water in the tank back up to the temperature the customer has set on the thermostat. During that time, the water will expand and sometimes condense on the inside of the spout delivery tube (clear Teflon) and the unit may drip for a couple of minutes until the water in the tank reaches the set temperature. Normally, the heating process at startup or re-heating from a completely cold tank (two quarts) to the highest temperature setting takes no more than 20 minutes. If the spout continues to drip at a constant rate beyond that normal recovery time, then call Waterstone Customer Service at 1-888-304-0660 and ask for technical support. The Hot tank will also hold some residual pressure to add to the run on effect after closing the valve. Again, this is normal for a vented faucet system. However, excessive pressure is not recommended for the hot tank installation, and Waterstone recommends no more that 60 psi of incoming water pressure to provide the maximum performance from your Waterstone System.

CHILLERS: In the case of a chiller in the vented loop, run on still may occur. The chiller is actually a pressure vessel, and will hold some residual pressure after the valve is closed. The higher the inlet pressure to the faucet, the more backpressure will be present in the chiller tank increasing any run-on time. We recommend no more than 60 psi of inlet pressure to provide the maximum performance from your Waterstone System.

WATER PRESSURE: Inlet pressures above 60 psi may cause the water to “cavitate” inside the filtration system when water is dispensed, this creates tiny air bubbles resulting in water that looks cloudy. If the water is left to stand and clears after a few minutes it verifies an overpressure condition in the filtration system - not a defect in the faucet, chiller, or hot tank. If the water remains cloudy, check the water source or filtration system.

BAD TASTE / ODOR: Waterstone hot tanks utilize food grade NSF approved plastics for the cold water inlet portion of the unit and stainless steel for the hot water reservoir. The possibility of leaching chemicals, which could cause bad taste or odor, has been eliminated by the use of these materials. The most common cause of bad taste or odor is unfiltered water. Chemicals added by municipal water systems, and impurities present in well water or other common residential water sources, can vaporize at the elevated temperatures present inside the hot tank. When hot water is dispensed, the odor and taste of these chemicals becomes accentuated by the steam, and by the vapors still present in solution in the hot water. The other common cause is plumbers putty or “pipe dope” used for sealing threads in new or newly repaired plumbing fixtures feeding the hot water tank. This results in a “metallic” taste in the water that can be cured by purging the hot tank and removing and cleaning out any collected debris in the tip of the faucet.

Again, if you need assistance for your installation, please call us at 1-888-304-0660 and ask for technical help.

3-20-07
*WARNING*

FOR WATERSTONE #5000 HOT TANK
THIS TANK IS DESIGNED FOR USE WITH A 3 LINE VENTED FAUCET ONLY.

A KINKED TANK OUTLET TUBE OR DEBRIS IN THE FAUCET OBSTRUCTING THE FREE FLOW OF WATER FROM THE TANK, WILL SUBJECT THE TANK TO PRESSURES EXCEEDING ITS DESIGN LIMITS AND CAUSE THE TANK TO LEAK.

INLET PRESSURE AT THE FAUCET OVER 60 PSI, A KINKED TANK OUTLET TUBE OR CONNECTION TO A NON-VENTED FAUCET WILL VOID THE WARRANTY AND COULD CAUSE INTERNAL DAMAGE TO THE TANK.

THE INCLUDED PRV VALVE MUST BE INSTALLED WITH THIS HOT TANK TO PREVENT DAMAGE FROM EXCESSIVE PRESSURE AND MAINTAIN THE WARRANTY.

FOR INSTALLATION QUESTIONS CALL WATERSTONE @ 1-888-304-0660

If you require any assistance for your installation, please call us toll free at 1-888-304-0660.
NEVER CONNECT A #5000 HOT TANK TO A FAUCET AS SHOWN

CONNECTION TO A FAUCET WITH A SINGLE INLET WILL VOID THE WARRANTY AND CAUSE INTERNAL DAMAGE TO THE TANK